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## ABOUT HELP

## Introducing Help

FrameMaker Help is a reference guide to FrameMaker commands and dialog boxes. It explains what each command and dialog box does. For conceptual information, topic overviews, and detailed instructions on completing tasks, see the printed manual Using FrameMaker. If you're a new user, read Getting Started first. After you become familiar with FrameMaker, use Help to look up detailed information on a particular command or dialog box.
Help describes all FrameMaker commands and dialog boxes. If you're using Quick or Custom menus, some of the items described in Help will not be available on your menus.

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## ABOUT HELP

## Getting Help

You can get FrameMaker help on any command or dialog box by using one of the following:

Help Menu Lists Help options. This menu is on the right corner of the menu bar. The options on this menu are:

Context Sensitive Activates context-sensitive Help and changes the insertion point to a question mark. You can click the question mark on any item in a document window, dialog box, or menu to get information on that item.

Contents Displays the Help Main Menu from which you can choose a topic that you would like information on.

Keyboard Shortcuts Displays a menu of keyboard shortcut topics.

How to Use Help Displays information on using Help.

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## ABOUT HELP

## Getting Help (continued)

## About FrameMaker Displays the FrameMaker Information screen.

Click the Help button in any dialog box to activate context-sensitive Help. You can also press Shift-F1 to activate context-sensitive Help. The insertion point changes to a question mark. You can use the question mark to click any item in a document window, dialog box, or menu to get information on that item.

Click the Help button on the QuickAccess bar for help on the set of buttons that is currently visible.

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## ABOUT HELP

## Navigating through Help

The reference information in FrameMaker Help is linked together so you can quickly navigate from one topic to another.

Underlined Words Click arlined words in text to move to related topics.

$$
\begin{array}{ll}
\text { Topic Submenus } & \begin{array}{l}
\text { Click a topic on the Main Menu and Help displays a } \\
\text { submenu of related topics on the right side of the } \\
\text { Help window. Click the submenu topic on which you } \\
\text { want information. A topic submenu is available on } \\
\text { every Help page, and a blue pointer lets you know } \\
\text { your current location in Help at all times. }
\end{array} \\
\text { Index } \quad \begin{array}{l}
\text { Click the Index button at the bottom of any Help } \\
\text { screen. The Help Index is an alphabetic list of topics. } \\
\text { Click the letter at the top of the window to display the } \\
\text { topics beginning with that letter. Then click the topic } \\
\text { on which you want information. }
\end{array}
\end{array}
$$



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## ABOUT HELP

## Navigating through Help (continued)

## Buttons

Click the buttons at the bottom of each Help screen to navigate through Help.

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This button Does this


Displays the Help index

## Shortcuts

Displays a menu of keyboard shortcut topics

Retraces your steps, from topic to topic
Displays the previous page

Displays the next page

More


Displays the next page, which contains more information on the current topic

ABOUT HELP

## Navigating through Help (continued)

This button Does this


Closes the Help window

```
Main Menu
```

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## ABOUT HELP

## Online manuals

You can open the following online manuals from the Online Manuals pop-up menu on the Help Main Menu:

Customizing Frame Products describes customizing some features of Frame products such as default values for dialog boxes, the user-interface language, and the window display. It also describes options for substituting or adding fonts that are not available on your system, and customizing the FrameMaker menus.

Using Frame Filters provides information on converting a wide range of documents between FrameMaker and other applications.
Using Frame Products on Multiple Platforms describes the differences in Frame products from platform to platform.

Welcome to FrameMaker presents an overview of FrameMaker features.
What's New describes the new features of FrameMaker.
Release Notes explains any issues in the current release of FrameMaker that you should be aware of.

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## GENERATED FILES AND BOOKS

## Introduction

A FrameMaker book is a file you use to maintain several documents as one larger document or book. Generated files are lists (such as a table of contents, list of figures, or list of tables) or indexes that FrameMaker can generate from a document or book.

## Help on generated files and books

For information on generated files and books, click an item in the topic list to the right or click an active area below.

The Generate/Book dialog box contains controls for generating files for a

Introduction
Generate/Book
Book window
Add File to Book
Set Up Table of
Contents/List/Index
Set Up File
Rearrange Files
Generate/Update Book single document and for generating a book file.

The Book window is where you work with the documents in a book. You use book window commands to add, rearrange, set up, generate, and update files in the book. You can also use book window commands to open, print, save, and format the files in the book.

The Set Up dialog boxes contain controls for specifying the contents of generated files and the pagination and numbering of files in a book.
The Generate/Update Book dialog box contains controls for generating files in a book and for updating the documents in a book.

## GENERATED FILES AND BOOKS

## Generate/Book

File menu > Generate/Book (with a document window active)
Dialog box where you generate lists (such as a table of contents or list of figures) and indexes for a single document. You also use this dialog box to generate a book file from one of the documents you want to include in the book.

List Shows the types of lists you can generate:

- Lists of paragraphs (including a table of contents, list of figures, and list of tables), which contain the text from the paragraphs you specify, in the order in which they appear in the source document.
- Lists of markers, which contain the marker text from the markers you specify, in the order in which they appear in the source document.
- Alphabetical lists of markers or paragraphs.
- Lists of references, which include condition tags, fonts, imported graphics, external crossreferences, and unresolved cross-references.

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## GENERATED FILES AND BOOKS

## Generate/Book (continued)

Index

Shows the types of indexes you can generate:

- Index of markers (including a standard index, subject index, and author index)
- Index of references, which include condition tags, fonts, imported graphics, external crossreferences, and unresolved cross-references

Index entries are sorted alphabetically. When entries have the same text, they are combined into one entry with several page references.

New Multifile Book, Creates a book file that includes the current Including (filename) document.

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## GENERATED FILES AND BOOKS

Generate/Book (continued)

## Generate

If you are generating a list or index, the Generate button opens a Set Up dialog box where you specify the contents of the generated file.

If you are generating a book, the Generate button opens a book window where you manage several files as a single book.

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## GENERATED FILES AND BOOKS

## Book window

Window where you manage several documents as a single book. This window appears when you use Generate/Book to generate a book from a single document. It also appears when you open a book file.

The book file does not actually contain the files-only their names. You can open, edit, print, and save the document files and generated files individually.

When a book window is active, the File menu contains some of the commands found in the File menu for a document window, as well as commands for adding files to the book, specifying the pagination and numbering for each file in the book, and generating and updating the files.

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## GENERATED FILES AND BOOKS

## Add File to Book

File menu > Add File (with a book window active)
Dialog box where you add a document or generated file (such as a table of contents or index) to the book.

After you add a document file, use the Set Up File dialog box to specify the pagination and numbering for the file.

When you add a generated file to the book, a Set Up dialog box appears so you can specify the information that should appear in the generated file, as well as the pagination and page numbering for the file. After you add a generated file to a book, use Generate/Update on the File menu to generate the file.

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## GENERATED FILES AND BOOKS

## Add File to Book (continued)

## Generated List Shows the types of lists you can add to the book:

- Lists of paragraphs (including a table of contents, list of figures, and list of tables), which contain the text from the paragraphs you specify, in the order in which they appear in the book
- List of markers, which contain the marker text from the markers you specify, in the order in which they appear in the book
- Alphabetical list of markers or paragraphs
- List of references, which include condition tags, fonts, imported graphics, external crossreferences, and unresolved cross-references

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## GENERATED FILES AND BOOKS

## Add File to Book (continued)

Generated Index

Document File

Shows the types of indexes you can add to the book:

- Index of markers (including a standard index, subject index, and author index)
- Index of references, which include condition tags, fonts, imported graphics, external crossreferences, and unresolved cross-references

Index entries are sorted alphabetically. When entries have the same text, they are combined into one entry with several page references.

Adds a document file to the book. You can select the file in the scroll list or type the filename in the text box.

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## GENERATED FILES AND BOOKS

Add File to Book (continued)

Add File Beforel Add File After

Specifies where the file belongs in the book. In the scroll list, select the file that will be adjacent to the file you are adding. Then use the pop-up menu to specify whether the new file should be added before or after the selected file.

Add All Listed Files to Book

Adds all the files in the Document File scroll list to the book. To rearrange or delete files after adding them to the book, use Rearrange Files on the File menu.

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## GENERATED FILES AND BOOKS

## Set Up Table of Contents/List/Index

Dialog box where you specify the contents of a generated file and its setup information-page numbering, pagination, and whether paragraph numbering continues from the previous file in the book. You open this dialog box by:

- Choosing a generated list or index in the Generate/Book dialog box and then clicking Generate
- Choosing a generated list or index in the Add File to Book dialog box and then clicking Add
- Selecting a generated file in a book window and then choosing Set Up File from the File menu

After setting up a generated file, use Generate/Update to update the book and generate the file.

$$
\begin{array}{ll}
\text { Filename Suffix } \quad \begin{array}{l}
\text { Shows the suffix FrameMaker attaches to the } \\
\text { generated filename. For example, if you are } \\
\text { generating a table of contents for a book file named } \\
\text { volume1.doc, FrameMaker names the generated } \\
\text { file volume1. toc. }
\end{array}
\end{array}
$$

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## GENERATED FILES AND BOOKS

## Set Up Table of Contents/List/Index (continued)

## Include

Don't Include
$<---\quad--->$

Specifies the paragraph tags, marker types, or references FrameMaker should use to generate the file.

Specifies the paragraph tags, marker types, or references you do not want FrameMaker to use when generating the file.

Arrow buttons for moving items from one scroll list to the other.

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Set Up Table of Contents/List/Index

Set Up File
Rearrange Files
Generate/Update Book

## GENERATED FILES AND BOOKS

## Set Up Table of Contents/List/Index (continued)

Create Hypertext Links

Page \# in All Generated Files (for books only)

Creates a clickable hypertext link from each entry in the generated file to the page (in the source document) on which the entry was found.

Prefix Specifies the numbers or characters that appear immediately before the page number in generated file entries for this file.

Suffix Specifies the numbers or characters that appear immediately after the page number in generated file entries for this file.

| Prefix | Suffix | Page number |
| :--- | :--- | :--- |
| $1-$ | None | $1-1,1-2, \ldots$ |
| $[$ | $]$ | $[1],[2], \ldots$ |

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## GENERATED FILES AND BOOKS

## Set Up Table of Contents/List/Index (continued)

Starting Page Side (For books only.) Specifies the page side (left or right) you want the generated file to start on. Each file in a book begins on a new page.

Read from File Uses the file's current first page side (specified in the Document Properties dialog box).
Next Available Side Uses the next available page side, based on the previous file's last page side.

Left or Right Makes the first page left or right, regardless of the previous file's last page side. If necessary, FrameMaker adds a blank page to the end of the previous file.

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## GENERATED FILES AND BOOKS

## Set Up Table of Contents/List/Index (continued)

Page Numbering (For books only.) Specifies the page numbering for the generated file.

Continue Continues the page numbering from the previous file.
Restart at 1 Starts the page numbering over at 1.
Read from File Uses the file's current first page number (specified in the Document Properties dialog box). The file's page numbering will not change.

## Paragraph

Numbering
(For books only.) Specifies the paragraph numbering for the generated file.

Continue Continues the paragraph numbering from the previous file. Autoconnect must be on for the main text flow in each file, and the flow tags must match from file to file.

Restart Starts the paragraph numbering over.

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## GENERATED FILES AND BOOKS

## Set Up File

File menu > Set Up File (with a book window active)
Dialog box where you specify the setup information for documents in a book: how page numbers appear in the entries in generated files, how the document should be paginated, and whether paragraph numbering continues from the previous file in the book or starts over.

After setting up a file, use Generate/Update to update the files in the book according to the setup information.

Filename
Shows the name of the current document.

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Generate/Update Book

## GENERATED FILES AND BOOKS

## Set Up File (continued)

Page \# in All Generated Files

Prefix Specifies the numbers or characters that appear immediately before the page number in generated file entries.
Suffix Specifies the numbers or characters that appear immediately after the page number in generated file entries.

| Prefix | Suffix | Page number |
| :--- | :--- | :--- |
| $1-$ | None | $1-1,1-2, \ldots$ |
| $[$ | $]$ | $[1],[2], \ldots$ |

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## GENERATED FILES AND BOOKS

## Set Up File (continued)

Starting Page Side Specifies the page side (left or right) you want the document to start on. Each file in a book begins on a new page.

Read from File Uses the document's current first page side (specified in the Document Properties dialog box).

Next Available Side Uses the next available page side, based on the previous file's last page side.
Left or Right Makes the first page left or right, regardless of the previous file's last page side. If necessary, FrameMaker adds a blank page to the end of the previous file in the book.

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## GENERATED FILES AND BOOKS

## Set Up File (continued)

## Paragraph

Numbering

## Page Numbering <br> Specifies the page numbering for the document.

Continue Continues page numbering from the previous file.
Restart at 1 Starts the page numbering over at 1. Read from File Uses the document's current first page number (specified in the Document Properties dialog box). The document's page numbering will not change.

Specifies the paragraph numbering for the document.
Continue Continues the paragraph numbering from the previous file. Autoconnect must be on for the main text flow in each file, and the flow tags must match from file to file.
Restart Starts the paragraph numbering over at 1.

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## GENERATED FILES AND BOOKS

## Rearrange Files

File menu > Rearrange Files (with a book window active)
Dialog box where you can rearrange and delete files in a book.

| Files | Lists the files in the book. |
| :--- | :--- |
| Move Up/Down | Moves the selected file up or down in the scroll list. |
| Delete | Removes the selected file from the book. Does not <br> delete the file itself from your disk. |

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## GENERATED FILES AND BOOKS

## Generate/Update Book

File menu > Generate/Update (with a book window active)
Dialog box where you generate files (such as a table of contents or index) for a book. Also updates the book's page and paragraph numbering and its cross-references. If a file's pagination is frozen, the pagination will not be updated (see Unfreeze Pagination).

Generate

Don't Generate
$\square$$--->$

Specifies the files to generate. If no files are listed, FrameMaker only updates the cross-references and page and paragraph numbers.

Specifies the files not to generate.
Arrow buttons for moving files from one scroll list to the other.

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## CHARACTER FORMATS

## Introduction

A character format determines the properties of selected text within a paragraph or text line without affecting the rest of the paragraph or line. For example, you can use a character format to italicize words that you want emphasized. You define character formats using the Character Designer. You can store character formats in a catalog and apply them to other text.

You can also use commands on the Format menu to format specific text within a paragraph or the entire paragraph, depending on what you select.

## Help on character formats

For information on character formats, click an item in the topic list to the right or click an active area below.

The Character Catalog is where you store character formats.
The Character Designer contains settings for character properties, as well as controls for applying and editing Character Catalog formats.
Commands on the Format menu can also be used to format text.

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## CHARACTER FORMATS

## Character Catalog

The Character Catalog is where you store character formats. You display the Character Catalog by clicking the $\mathbf{f}$ button on the document window border or by choosing Characters > Catalog from the Format menu.

The Character Catalog lists all stored character formats in the document. You can apply a catalog format to selected text by clicking the format in the scroll list. You can also apply a format by choosing it from the Format > Characters submenu.

Delete
Opens the Delete Formats from Catalog dialog box where you can delete formats from the Character Catalog.

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## CHARACTER FORMATS

## Character Designer

## Format menu > Characters > Designer

Window where you can create and change character formats, store them in the Character Catalog, and apply them to selected text. You can also change the properties of text using commands on the Format menu.
The Character Designer window displays font properties you can set for selected text. If you're creating a new character format that will change only some properties when applied to text, you should change all properties to As Is before setting up the format. Changes you make in the designer window do not take effect in the text until you apply the changes or update the catalog format.

Character Tag

Shows the tag (name) of the selected text. If the text does not already have a character format or includes more than one format, the text box will be empty.

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## Character Designer (continued)

Properties displayed in the designer window are the properties of the selected text. You can choose a different tag from the pop-up menu to display the properties of a particular catalog format, or you can type a new name in the text box to rename or create a format.

If you hold down the Shift key while choosing from the pop-up menu, FrameMaker displays the properties of the chosen catalog format without changing the tag in the text box.

Applies the properties in the Character Designer (including the tag in the Character Tag text box) to the selected text. The corresponding catalog format is not updated.

If you haven't changed any of the properties, clicking Apply To Selection applies the catalog format displayed in the Character Tag text box to the selected text.

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## Character Designer (continued)

If you have changed any of the properties, clicking Apply To Selection creates a format override in the selected text. This means that the text's format no longer matches the catalog format with the same tag.

Update All Formats Updates the catalog format that has the tag shown, Tagged

Commands
as well as all text in the document that has the same tag. If the tag in the Character Tag text box is different from the tag shown here, the format is renamed.

Displays character formatting commands.
New Format Opens the New Format dialog box where you can store the selected text's format in the Character Catalog.

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Global Update Options Opens the Global Update Options dialog box where you can specify which character formats you want to update.

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## Character Designer (continued)

Delete Format Opens the Delete Formats from Catalog dialog box where you can delete formats from the Character Catalog.
Set Window to As Is Changes all properties in the Character Designer to As Is. Use this command if you want the catalog format to change only certain properties when applied to text. After changing properties to As Is, set only those properties you want the format to change.
Reset Window from Selection Changes all the properties in the Character Designer to match those of the selected text. Use this command before clicking Apply To Selection or Update All if you don't want to keep the changes you've made and want to return to the original properties.

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## CHARACTER FORMATS <br> Character Designer (continued)

Family

Size

Angle

Weight

Variation

Specifies the font family. The pop-up menu lists the font families available on your system.

Specifies the font size. You can type a custom point size between 2 and 400 points in the text box or choose a standard point size from the pop-up menu.

Specifies the font angle (such as Italic). The pop-up menu lists the angles available for the font family.

Specifies the font weight (such as Bold). The pop-up menu lists the weights available for the font family.

Specifies the font variation (such as Narrow). The pop-up menu lists the variations available for the font family.

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## CHARACTER FORMATS <br> Character Designer (continued)

Color
Spread

Underline
Double Underline
Numeric Underline Definitions.

Specifies the color of the text. The pop-up menu lists the colors that have been defined in the document. For information on how to define a color, see Color

Specifies the extra space added to or subtracted from the text's default space between characters. The value is a percentage of the default font's em space. Negative values decrease the space; positive values increase the space. The normal spread is 0 percent.

Places a single or double line below the text. The pop-up menu lists the styles of underlines available. The offset and thickness of both single and double underlines is determined by the weight and size of the default font; however, numeric underlines have the same offset and thickness wherever they appear.

Places a line above the selected text.

Overline

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## Character Designer (continued)

Strikethrough Places a line through the selected text.

Change Bar Displays a vertical bar in the margin beside the text. To change the width or position of change bars, use the Change Bars command.

Places the selected text above the baseline (superscript) or below the baseline (subscript).
To change the size and position of the superscripted or subscripted text, use the Document command.

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## CHARACTER FORMATS

## Character Designer (continued)

Small Caps
Lowercase
Uppercase

Pair Kern

Specifies the capitalization style of the text.
THIS IS SMALL CAPS. this is lowercase.
THIS IS UPPERCASE.
To change the size of small caps, use the Document command.

Decreases the space between pairs of characters in the selected text and turns on ligatures. The character pairs that are kerned, the amount of kerning, and the ligatures depend on the font and are defined by the font's manufacturer.

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## CHARACTER FORMATS

## New Format

Dialog box where you create a new character format and store it in the Character Catalog. You open this dialog box by choosing New Format from the Commands pop-up menu in the Character Designer. Once the format is stored in the Character Catalog, you can apply it to other text in the document. FrameMaker will update the text's properties to match the format.

Tag Assigns a unique name to the format you're storing.
Store in Catalog Stores the new format in the Character Catalog.
If you don't store the format in the catalog, you can apply it to other text only by copying and pasting. Not storing the format in the catalog is useful if you don't want the format overwritten or copied to another document by using Import Formats.

Apply to Selection Applies the format, including the new tag, to the selected text.

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## CHARACTER FORMATS

## Global Update Options

Dialog box where you can globally retag all text that currently has a different character format or update particular Character Catalog formats. You open this dialog box by choosing Global Update Options from the Commands pop-up menu in the Character Designer.
If you're retagging text, choose the format you want to apply from the Character Tag pop-up menu (in the designer window) before choosing this command. If you're updating catalog formats, delete the tag in the Character Tag text box before choosing the command. Doing this prevents FrameMaker from applying a new tag to text.

Update Character Specifies which character formats should be updated. Formats updates all text in the document (including text lines) and all character formats stored in the catalog. FrameMaker also updates the default font properties of all paragraph formats.

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## Global Update Options (continued)

All Matching Tags in Selection Retags or updates all text in the document that has tags matching those in the selected text. This setting also updates catalog formats that have the same tags.

All Tagged Retags or updates text that has the tag you specify in the text box. The pop-up menu lists all formats in the Character Catalog.

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## CHARACTER FORMATS

## Delete Formats from Catalog

Dialog box where you delete a format from the Character Catalog. You open this dialog box by choosing Delete Format from the Commands pop-up menu in the Character Designer or by clicking Delete in the Character Catalog.

Formats Lists the formats in the Character Catalog.
Delete
Deletes the selected format from the Character Catalog. You can delete additional formats if you want to. The formats are not actually deleted from the catalog until you click Done.

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## CHARACTER FORMATS

## Copy Character Format

## Edit menu > Copy Special > Character Format

Command that copies the character format of the selected text (or the text at the insertion point, if no text is selected) to the Clipboard. You can then use the Paste command to apply the format to text in the same or another document. The copied character format remains on the Clipboard until you cut or copy something else.

Note: If the selected text contains a combination of settings, only the settings common to all the selected text will be copied to the Clipboard. For example, if you select text containing 12-point Times, 12-point Times Bold, and 12-point Times Italic, only the common font family, Times, and the common point size, 12 point, will be copied to the Clipboard. When you paste the character format to other text, only the font family and point size of the selected text will be affected.

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## CHARACTER FORMATS

## Font

## Format menu > Font

Submenu where you can choose from the available font families. You can apply a font family to selected text or, if no text is selected, to new text you type at the insertion point.
Changes you make with this command do not affect the formats in the Paragraph or Character Catalog. Choosing a font family from this submenu creates a format override in the paragraph or tagged text. For consistent formatting of paragraphs, words, and phrases, create and update formats using the Paragraph Designer and Character Designer and apply them using the Paragraph Catalog and Character Catalog.

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## CHARACTER FORMATS

## Size

## Format menu > Size

Submenu where you can choose from the available font sizes. You can apply a size to selected text or, if no text is selected, to new text you type at the insertion point.

Changes you make with this command do not affect the formats in the Paragraph or Character Catalog. Choosing a font size from this submenu creates a format override in the paragraph or tagged text. For consistent formatting of paragraphs, words, and phrases, create and update formats using the Paragraph Designer and Character Designer and apply them using the Paragraph Catalog and Character Catalog.

Other Opens the Font Size dialog box where you can specify a font size not listed on the submenu.

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## CHARACTER FORMATS

## Font Size

## Format menu > Size > Other

Dialog box where you can specify a font size that is not on the Size submenu.

## Size

Changes selected text to the font size you specify. The size can be between 2 and 400 points and can include a decimal fraction such as 10.5.

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## CHARACTER FORMATS

## Style

## Format menu > Style

Submenu where you can choose from the available font styles. You can apply a style to selected text or, if no text is selected, to new text you type at the insertion point.

Changes you make with this command do not affect the formats in the Paragraph or Character Catalog. Choosing a font style from this submenu creates a format override in the paragraph or tagged text. For consistent formatting of paragraphs, words, and phrases, create and update formats using the Paragraph Designer and Character Designer and apply them using the Paragraph Catalog and Character Catalog.

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## COLOR

## Introduction

You can apply color to any text or object in a document. The colors that are available depend on the colors that are defined in the document.

## Help on color

For information on the controls to view and define color, click an item in the topic list to the right, or click an active area below.

The Define Color Views dialog box sets up and displays color views.
The Color Definitions dialog box defines the colors you can assign to text and objects.

For information on assigning color to text, see Character Formats and Paragraph Formats. For information on assigning color to objects, see Graphics. For information on printing colors, see Printing.

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## COLOR

## Define Color Views

## View menu > Color $>$ Views

Dialog box where you create or edit color views. A color view specifies how colors are displayed on the screen. For each view you set up, you specify which colors are visible, which are cut out, and which are not visible at all. Note: On a monochrome monitor, all colors are black when visible.

View 1... View 6 Specifies the color view you want to display or set up.
Normal Lists the colors that are visible in the selected view.

Cutout Lists the colors that are cut out (shown as white when overlapping different colored objects) in the selected view. You may want to view cutout separations if you're working on a monochrome monitor. By cutting out a color when it appears in the foreground of overlapping objects, you can better see how colors are assigned.

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## Define Color Views (continued)

## Invisible

## Get Default

 visible.Lists the colors that are hidden in the selected view. Text and objects assigned these colors are not

Applies the default settings to the selected viewwhite appears in the Cutout list, and all other colors appear in the Normal list.

Arrow buttons for moving colors from one scroll list to another.

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## COLOR

## Color Definitions

## View menu > Color > Definitions

Dialog box where you define, change, and delete colors that are stored with the document. You define colors by mixing the color levels in the color model you're using. You can assign these colors to text and objects in the document.

| Name | Specifies the name of the color you're defining, <br> changing, or deleting. You can select an existing <br> color from the pop-up menu or, if you're defining a <br> new color, select New Color and type a name. |
| :--- | :--- |
| Current | Shows the current definition of the color selected in <br> the Name pop-up menu. If you're defining a new <br> color, this swatch is black until you click Set. If you're <br> changing the mixture of an existing color, this swatch <br> shows the color's original definition, which you can <br> compare to the New swatch as you adjust the color. |
| New | Shows the adjustments made to a color as you define <br> or change it. |

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## COLOR

## Color Definitions (continued)

## Color Set

Color Level sliders and text boxes that determine the mixture that makes up the current color. You change a color by adjusting the sliders or typing values in the text boxes.

The color model you're using determines what you enter in the Color Level text boxes:

- For CMYK and RGB, specify a range from 0 to 100 percent.
- For HLS, specify a Hue from 0 to 360 degrees. Lightness and Saturation can range from 0 to 100 percent.

Color Model Specifies the color model to use when defining a color.

CMYK (Cyan, Magenta, Yellow, Black) Colors used by commercial printers. Use CMYK when creating color separations for four-color process printing.

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## Color Definitions (continued)

RGB (Red, Green, Blue) Screen colors. The RGB model is used primarily for documents that will be distributed online.

HLS (Hue, Lightness, Saturation) Traditional color model used by artists. Use this system if you're familiar with color wheels.

Other Choose another color model from this pop-up menu. You can choose the Common Color Picker or PANTONE®.

Common Color Picker displays the Windows Color dialog box. This is the standard way to specify colors in Windows applications.

PANTONE displays the PANTONE Colors dialog box where you choose a PANTONE color.
PANTONE (PANTONE MATCHING SYSTEM®) uses ink colors mixed in precise formulas that print shops can match exactly. Use PANTONE when creating spot colors.

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## COLOR

## Color Definitions (continued)

Set | Adds the new color to the document or applies the |
| :--- |
| adjustments to the color you changed. You can |
| create or change additional colors if you want to. |
| When you click Done, the changes take effect and |
| are applied to text or objects that use the color. |

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## COLOR

## Common Color Picker

Dialog box where you define a color. This dialog box appears when you choose Common Color Picker from the Other pop-up menu in the Color Definitions dialog box.
You can click in the large color region to specify a mix of colors. You can click in the vertical color region to the right to specify the luminosity of the color. You can also type values in the text boxes below.

| Color I Solid | An example of the specified color. |
| :--- | :--- |
| Hue/Sat/Lum | Values for the color (hue), the gray-scale percentage <br> of the color (saturation), and the brightness of the <br> color (luminosity). |
| Red/Green/Blue | The RGB values for the current color. |
| Done | Closes the Common Color Picker dialog box and <br> assigns the selected color to the current color <br> definition. |

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## COLOR

## PANTONE® Colors

Dialog box where you choose a specific PANTONE color. You open this dialog box by choosing PANTONE from the Other pop-up menu in the Color Definitions dialog box.

Find PANTONE Contains the name or number of the color to use. Use the scroll bar at the bottom of the dialog box to display the page containing the color. Click the color to select it. FrameMaker puts the name or number of the color in the Find PANTONE text box.

If you know the name or number of the color, you can type it in the text box. FrameMaker then displays the page of the color picker containing the color.

Done
Closes the PANTONE Colors dialog box and assigns the selected color to the current color definition.

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## CONDITIONAL TEXT

## Introduction

You use conditional text to write multiple versions in a single document. You make text and graphics conditional by applying a condition tag to them. You can distinguish conditional text from unconditional text by applying a style or color to text with a condition tag. You can have multiple condition tags in a document, and you can display and print whichever versions you want.

## Help on conditional text

For information on working with conditional text, click an item in the topic list to the right, or click an active area below.

The Conditional Text window displays the condition settings of selected text and graphics and applies new settings.

The Edit Condition Tag dialog box is where you create, edit, or delete a condition tag.
The Show/Hide Conditional Text dialog box shows and hides conditional text.

Copy Conditional Text Settings copies the condition tag and settings of selected conditional text.

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## CONDITIONAL TEXT

## Conditional Text

## Special menu > Conditional Text

Window where you apply or remove condition tags and view the condition tags of selected text. From this window you can open dialog boxes for creating condition tags and for showing or hiding conditional text.

Current Selection Is Indicates whether the selected text is unconditional or conditional. You can change the conditional settings of the selected text.

Unconditional Indicates that there are no condition tags in the selected text. You can click this button to remove condition tags from the selected text, making the text unconditional.

Conditional Indicates that there are condition tags in the selected text. You can click this button to add a condition tag to the selected text, making the text conditional.

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## CONDITIONAL TEXT

## Conditional Text (continued)

The scroll lists show the conditional settings of the selected text.

| A tag in this <br> scroll list | Indicates |
| :--- | :--- |
| In | All text in the selection has this <br> tag. |
| Not In | None of the text in the selection <br> has this tag. |
| As Is | Part of the text in the selection has <br> this tag. |

To add a tag to selected text, move the tag to the In scroll list. To remove a tag, move the tag to the Not In scroll list. Then click Apply.
$\square$
<---
Arrow buttons that move condition tags from one list to another.

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## Conditional Text (continued)

Edit Condition Tag Opens the Edit Condition Tag dialog box where you can create, edit, or delete a condition tag.

Show/Hide
Opens the Show/Hide Conditional Text dialog box where you can specify what conditional text to display.

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## CONDITIONAL TEXT

## Edit Condition Tag

Dialog box where you create, edit, or delete a condition tag or change a tag's condition indicators. You open this dialog box by clicking Edit Condition Tag in the Conditional Text window. If you want to delete or edit a condition tag, you must select it in the Conditional Text window before displaying this dialog box.

| Tag | Assigns a name to the condition tag you are creating <br> or shows the name of the one you are editing or <br> deleting. |
| :--- | :--- |
| Condition | Distinguishes conditional text from unconditional text <br> (and one condition tag from another) by applying a <br> style or color to the text with the condition tag. For <br> example, you can make tags different colors so that <br> you can easily distinguish them. Condition indicators <br> are particularly useful when you want to see all text, <br> both conditional and unconditional, in a document. |
| If text is part of more than one condition and the |  |
| condition indicators use different colors, FrameMaker |  |
| displays and prints the text in magenta. |  |

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## CONDITIONAL TEXT

## Edit Condition Tag (continued)

To turn the condition indicators on or off, use the Show/Hide Conditional Text dialog box.

Deletes the condition tag. If text in the document has only that tag, FrameMaker displays the Delete Condition Tag dialog box where you can specify whether to delete the text or make it unconditional.

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## CONDITIONAL TEXT

## Show/Hide Conditional Text

Dialog box where you specify which conditional text should be visible and whether to display and print condition indicators. Once text is tagged, you can show or hide it to print or display different versions of the document. You open this dialog box by clicking Show/Hide in the Conditional Text window.

| Show All | Makes all conditional text visible. |  |
| :--- | :--- | :--- |
| Show | Specifies the conditional text you want to display. Text <br> with condition tags in the Show scroll list will be <br> displayed. |  |
| Hide | Specifies the conditional text you don't want to <br> display. Text with condition tags in the Hide scroll list <br> will not be visible. Hidden text is represented on the <br> screen by a conditional text marker ( $\mathbf{T})$, which you <br> can see if text symbols are visible. |  |
| $<---$ | $--->$ | Arrow buttons that move condition tags from one <br> scroll list to another. |

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## CONDITIONAL TEXT

## Show/Hide Conditional Text (continued)

Show Condition Indicators<br>Displays and prints conditional text with the condition indicators that were specified in the Edit Condition Tag dialog box.

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## CONDITIONAL TEXT

## Copy Conditional Text Settings

## Edit menu > Copy Special > Conditional Text Settings

Command that copies the conditional text settings of selected text (or text at the insertion point) to the Clipboard. You can then use the Paste command to paste the settings to selected text in the same or another document. The copied settings remain on the Clipboard until you cut or copy something else.

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Conditional Text
Copy Conditional Text Settings

Delete Condition Tag
Remove Condition
Tags from Text

## CONDITIONAL TEXT

## Delete Condition Tag

Dialog box where you specify whether to delete conditional text or make it unconditional. This dialog box appears when you use the Edit Condition Tag dialog box to delete a condition tag from the document and some text in the document has only this tag. If some text has additional tags, the tag is removed from that text.

Make the Text Makes text with only this tag unconditional. Unconditional

Delete the Text Deletes text that has only this tag.

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## CONDITIONAL TEXT

## Remove Condition Tags from Text

Dialog box where you specify whether to delete conditional text or make it unconditional. This dialog box appears when you use the keyboard shortcut Esc q D to remove a condition tag from selected text and the text has only this tag. If the text has additional condition tags, this dialog box does not appear, and the specified condition tag is removed.

| Make the Text <br> Unconditional | Makes the selected text un |
| :--- | :--- |
| Delete the Text | Deletes the selected text. |

Deletes the selected text.

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## DOCUMENT FORMAT

## Introduction

Document format covers properties that affect the formatting of the entire document and options for importing formats from other documents.

## Help on document properties and importing formats

For information on setting document properties or importing formats, click an item in the topic list to the right or click an active area below.

The Document Properties dialog box sets properties that affect the entire document.

The Import Formats dialog box imports formats from another document.
The Freeze Pagination dialog box freezes a document's pagination so you can edit the document without changing the current pagination.

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## DOCUMENT FORMAT

## Document Properties

## Format menu > Document

Dialog box where you can set several document-wide properties.

| Numbering | Specifies the numbering for the document. |
| :--- | :--- |
| 1st Page \# Sets the starting page number. |  |

Page \# Style Sets the numbering style for pages.
You can choose from numeric, uppercase or lowercase Roman, or uppercase or lowercase alphabetic.
Restart Paragraph Numbering Restarts the document's paragraph numbering. If the document is part of a book with sequentially numbered paragraphs, use this setting to restart paragraph numbering at the beginning of the current document.

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## DOCUMENT FORMAT

## Document Properties (continued)

Text
Specifies several document-wide text properties.
Smart Quotes Inserts curved quotes (" " or ‘ ') whenever you type a double or single quotation mark.

Smart Spaces Prevents the typing of more than one space in a row.
Allow Line Breaks After Specifies the nonalphabetic characters, such as dashes and hyphens, after which FrameMaker can break a word between lines.

Before Saving \& Printing Sets the way blank pages are handled at the end of the document.

- Delete Empty Pages Deletes blank pages at the end of a document. FrameMaker deletes a blank page only if it uses the left or right master page, does not contain the start of a flow, and has no layout overrides.
- Make Page Count Even Adds a blank page, if necessary, to end a document on an even page.

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DOCUMENT FORMAT

## Document Properties (continued)

- Make Page Count Odd Adds a blank page, if necessary, to end a document on an odd page.
- Don't Change Page Count Leaves the page count unchanged.
Size Sets the font size of superscripted, subscripted, and small-capped characters. The size is a percentage of the indicated character's point size. For example, if you specify 80 percent as the size for subscripts, a subscripted 10-point character will shrink to 8 points.
Offset Specifies how far above the baseline superscripted characters should be, and how far below the baseline subscripted characters should be. The offset is a percentage of the superscripted or subscripted character's font size. For example, if you specify 40 percent as the offset for superscripts, a superscripted 10-point character will be 4 points above the baseline.

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## DOCUMENT FORMAT

## Import Formats

## File menu > Import > Formats

Dialog box where you merge formats from another document with the formats in the current document. Use this dialog box to make global format changes throughout a document. After importing the formats, FrameMaker updates the document using the new formats. If both documents contain an item with the same name, such as a Paragraph Catalog format or a color definition, the imported item replaces the item in the current document.

You can also merge the formats from another document with the formats in some or all documents in a book.

| Import from | Specifies the document whose formats you want to |
| :--- | :--- |
| Document | import. The pop-up menu shows all open documents. |

Import from Document

Specifies the document whose formats you want to import. The pop-up menu shows all open documents.

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## DOCUMENT FORMAT

## Import Formats (continued)

Import and Update Specifies the formats you want to import and update.
Paragraph Formats Merges the specified document's Paragraph Catalog into the current document's catalog and updates existing paragraphs to match the catalog formats with the same tags.
Also imports footnote properties, the characters in the Allow Line Breaks After text box in the Document Properties dialog box, and the feather settings in the Flow Properties dialog box.
Character Formats Merges the document's
Character Catalog into the current document's catalog and updates tagged text to match the catalog formats with the same tags.
Page Layouts Merges the document's master pages into the current document and updates body pages with the most current layouts.

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## DOCUMENT FORMAT

## Import Formats (continued)

Also imports the display units and the ruler and grid specifications in the View Options dialog box, the numbering properties in the Document Properties dialog box, and the change bar settings in the Change Bars dialog box.
Table Formats Merges the document's Table Catalog and ruling styles into the current document and updates existing tables to match the catalog formats with the same tags. Only properties set in the Table Designer are updated in existing tables.
Color Definitions Merges the document's color definitions into the current document and updates text and objects with the most current definitions.
Reference Pages Merges the document's reference pages into the current document and updates body pages with the most current reference page information.

FrameMath reference pages are not imported. These are imported with Math Definitions.

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## DOCUMENT FORMAT

## Import Formats (continued)

Variable Definitions Merges the document's variable definitions into the current document and updates existing variables with the most current definitions.

If you're importing variable definitions that contain character formats, you should also turn on Character Formats.

Cross-Reference Formats Merges the document's cross-reference formats into the current document and updates existing internal cross-references with the most current definitions.

If you're importing cross-reference formats that contain character formats, you should also turn on Character Formats.
Conditional Text Settings Merges the document's condition tags and Show/Hide settings into the current document and updates existing conditional text with the most current tags and settings.

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## DOCUMENT FORMAT

## Import Formats (continued)

Math Definitions Imports the document's math element definitions, FrameMath reference pages, equation sizes, and font settings into the current document and updates the existing equations with the most current formats.

If you're importing math definitions that contain character formats, you should also turn on the Character Formats checkbox.

While Updating, Removes format and layout overrides when Remove

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## DOCUMENT FORMAT <br> Import Formats (continued)

You can also use these settings to remove overrides in a document without importing formats from another document. To do this, choose Current from the Import

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## Update

Don't Update
$<---$

-     - ->
(For books only.) Specifies the files you don't want to update.
(For books only.) Arrow buttons for moving files between the Update and Don't Update scroll lists.


## DOCUMENT FORMAT

## Freeze Pagination

Dialog box where you freeze the pagination of a document. You open this dialog box by typing Esc p z.

When you freeze a document's pagination, FrameMaker won't change the document's pagination as you edit. Instead, it inserts revision pages, called point pages, for text that would ordinarily move to the next page. You can create revision pages only in a document that has a single text flow and no body page overrides of master page layouts.

$$
\begin{array}{ll}
\text { Point Page \# Style } & \begin{array}{l}
\text { Sets the numbering style for point pages. } \\
\\
\\
\\
\text { FrameMaker numbers point pages based on the } \\
\text { number of the page before them. For example, point } \\
\text { pages inserted between pages } 2 \text { and } 3 \text { of the } \\
\text { document could be numbered 2.a, } 2 . b, 2 . c, \text { and so } \\
\text { on. You can choose from numeric, uppercase or } \\
\text { lowercase Roman, or uppercase or lowercase } \\
\text { alphabetic. }
\end{array}
\end{array}
$$

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## DOCUMENT FORMAT

## Unfreeze Pagination

Dialog box where you unfreeze the pagination in a document or change the numbering style for point pages in a frozen document. You open this dialog box by typing Esc p z in a document with frozen pagination.

Point Page \# Style Changes the numbering style for point pages. FrameMaker numbers point pages based on the number of the page before them. For example, point pages inserted between pages 2 and 3 of the document could be numbered 2.a, 2.b, 2.c, and so on. You can choose from numeric, uppercase or lowercase Roman, or uppercase or lowercase alphabetic.

To change the point page numbering style, choose the style from the pop-up menu and click Set Page \# Style instead of Unfreeze.

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## UTILITIES

## Introduction

Introduction
Compare
Documents/Books
FrameMaker provides several utilities for working with documents.

## Help on utilities

Comparison Options
Document Reports
For information on utilities, click an item in the topic list to the right or click an active area below.

The Compare Documents dialog box compares two versions of a document.
The Document Reports dialog box runs report generators that provide information on a document.

## UTILITIES

## Compare Documents/Books

File menu > Utilities > Compare Documents
File menu > Compare Books (with a book window active)
Dialog box where you compare two versions of a document for differences in text, markers, footnotes, anchored frames, text flows, tables, variables, and cross-references. If FrameMaker finds differences between the documents, it produces the reports you specify.

You can compare documents or book files. In either case, both files must be open in order to compare them. You should run the comparison from the newer version.

Newer Document or Shows the name of the current document or book file. Newer Book

Older Document or Older Book

Specifies the document or book you want to compare to the current one. The pop-up menu lists all open documents or books that have been named.

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## UTILITIES

## Compare Documents/Books (continued)

Create Summary and Composite Documents Produces both a summary and a composite document. If there are no differences, no documents are produced.

The summary document summarizes the number of insertions and deletions and then shows each difference and the page where it occurs. FrameMaker names the summary document Summary.

The composite document is a conditional document that merges the contents of both documents and marks the differences with condition indicators such as underlines, strikethroughs, or colors. FrameMaker names the composite document after the newer document, adding a .cmp extension.

When you compare books, FrameMaker produces a single summary document for the book and individual composites for each document in the book.

Summary Document Only Produces only a summary document.

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## UTILITIES

## Compare Documents/Books (continued)

Options

Opens the Comparison Options dialog box where you specify how to distinguish differences in the composite document and whether to add hypertext links in the Summary document. Hypertext links allow you to quickly display a page in either of the versions.

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## UTILITIES

## Comparison Options

Dialog box where you specify how the differences in the composite document are marked and whether hypertext links are inserted in the summary document. You open this dialog box by clicking Options in the Compare Documents or Compare Books dialog box.

Mark Insertions Conditionalizes inserted text in the composite With
document so it's easy to identify.

Condition Tag: Inserted Applies the default condition tag Inserted, which displays inserted text in green with an underline.
Custom Condition Tag Applies a custom condition tag to inserted text. You can create your own condition tags using the Edit Condition Taq dialog box.

Nothing Specifies that the insertions not be conditionalized.

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## UTILITIES

## Comparison Options (continued)

Mark Deletions With Conditionalizes deleted text in the composite document so it's easy to identify.

Condition Tag: Deleted Applies the default condition tag Deleted, which displays deleted text in red with a strikethrough.

Custom Condition Tag Applies a custom condition tag to deleted text. You create your own condition tags using the Edit Condition Tag dialog box.
Replacement Text Replaces deleted text with the text in this text box. To leave deleted text out of the composite document, click this button and delete the contents of the text box.

Mark Changes with Inserts a change bar in the margin of the composite Change Bars document wherever changes occur.

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## UTILITIES

## Comparison Options (continued)

Create Hypertext Links in Summary

Makes the summary document view only and marks the page numbers with hypertext links. When you click a page number in the summary document, FrameMaker opens the correct document and displays the page in question.

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## UTILITIES

## Document Reports

## File menu > Utilities > Document Reports

Dialog box where you start a report generator that has been created and installed on your system. For example, you could have report generators for supplying information on a document's paragraph formats, variable definitions, spot colors, various types of errors, and so on. For information on creating a report generator as a Frame API application, see the Frame Developer's Kit (FDK) documentation. For information on ordering the FDK and its documentation, see Getting Started.

As a sample, the Word Count report generator is provided with FrameMaker. It counts the words on body pages of a FrameMaker document, including words in text lines, variables, cross-references, footnotes, tables, and table titles. The results appear in an alert.

## Report

Specifies the report you want to generate. The list displays all report generators available on your system.

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## UTILITIES

## Document Reports (continued)

| About | Displays an alert that briefly describes the selected <br> report generator. |
| :--- | :--- |
| Report... | Generates the report. |

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Document Reports

## Introduction

You can cut, copy, and paste text, tables, graphics, and other objects in FrameMaker documents. You can also change the capitalization of text and place change bars next to changed text.

## Help on text editing

For information on text editing, click an item in the topic list to the right, or click an active area below.

The Edit menu contains commands for working with text, graphics, and other objects.
The Capitalization dialog box changes the capitalization of selected text.
The Change Bars dialog box defines how change bars look in a document, turns change bars on for the entire document, and clears change bars from the document.

For information on embedding objects or choosing different formats to paste from the Clipboard, see Paste Special.

For information on using the QuickAccess bar to quickly execute text editing commands, see QuickAccess Bar.

## TEXT EDITING

## Undo

## Edit menu > Undo

Command that reverses the previous action. You can undo most commands; FrameMaker alerts you before executing a command that you cannot undo. If you use Undo while typing text, FrameMaker removes the text you typed since your last command or action (such as clicking).
When you choose the Undo command, its name changes to Redo on the Edit menu. If you then choose Redo, your document appears as it did before you chose Undo.

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Undo
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Select All
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Change Bars

## TEXT EDITING

## Cut

## Edit menu > Cut

Command that removes selected text or objects and places them on the Clipboard. You use the Paste command to place the cut text or objects elsewhere in the document or in another FrameMaker document. The items you cut remain on the Clipboard until you cut or copy something else.

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## TEXT EDITING

## Copy

## Edit menu > Copy

Command that copies selected text or objects to the Clipboard. You use the Paste command to place the copied text or objects elsewhere in the document or in another FrameMaker document. The items you copy remain on the Clipboard until you cut or copy something else.

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## TEXT EDITING

## Paste

## Edit menu > Paste

Command that places the contents of the Clipboard in a document. You can paste text or objects at the insertion point. Graphics pasted at the insertion point are placed in an anchored frame.
To paste objects into an existing frame, select the frame and then paste. To paste an object on the page (not within text or in a frame), click in the page margin and then paste.
Text and objects remain on the Clipboard after you paste, so you can paste them in several locations.

For information on embedding objects or choosing different formats to paste from the Clipboard, see Paste Special.

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## TEXT EDITING

## Clear

## Edit menu > Clear

Command that deletes selected text or objects without placing them on the Clipboard. Clear does not affect the current contents of the Clipboard.

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## TEXT EDITING

## Select All

## Edit menu > Select All

Command that selects text, objects, or tables. The command name changes depending on where you put the insertion point or what you select before choosing the command.

## The menu command changes to <br> And FrameMaker selects

The insertion point is in a Select All in Flow text column

You select an anchored Select All in Frame frame or its contents

You select a table cell, $\quad$ Select All of Table column, or row

You click outside the text Select All on Page column(s) on a page or select any object other than a frame or its contents

All the text in the current text flow

All the objects in the frame

The entire table

All objects on the page (including the main text column)

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## TEXT EDITING

## Capitalization

Dialog box where you can change the capitalization of selected text. You open this dialog box with the keyboard shortcut Esc e C.

You can also use the text editing commands on the QuickAccess bar to apply capitalization.

All Uppercase Capitalizes the entire selection.

Initial Capitals

All Lowercase

Capitalizes the first letter of each word in the selection.

Changes the selected text to lowercase.

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TEXT EDITING

## Change Bars

Format menu > Change Bars
Dialog box where you set the properties for change bars, turn on change bars for the entire document, and remove change bars from the document. With change bars on, changes you make in the document are marked by a vertical line in the margin.
You can also turn on change bars in the Character Designer or Paragraph Designer.

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## Distance from Column

Thickness
Position

Sets the distance between the text column and the change bar.

Sets the thickness of the bar.
Designates where the bar will appear.
Left of Column Puts change bars on the left side of the text column.

Right of Column Puts change bars on the right side of the text column.

TEXT EDITING

## Change Bars (continued)

Side Nearest to Page Edge Puts change bars on the side of the text column nearest to the edge of the page.

Side Farthest from Page Edge Puts change bars on the side of the text column farthest from the edge of the page.

Color

Automatic Change Bars

Clear All Change Bars

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## FILE MANAGEMENT

Introduction

## Introduction

File management encompasses commands and dialog boxes for creating, opening and saving documents and for setting preferences for working with FrameMaker.

## Help on file management

For information on file management, click an item in the topic list to the right or click an active area below.

Commands for creating new documents, opening existing documents, and saving documents appear on the File menu.

The Preferences dialog box sets the automatic save options and specifies how to display text in very small point sizes. The dialog box also has settings that are useful if you are working on a network, or sharing files with other platforms.

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Custom Blank Paper
Standard Templates
Open
Missing Graphic File
Document in Use
Book in Use
Unknown File Type
Reading Text File
Save
File in Use
Save Document
Save As Text
Save Book
Description

## FILE MANAGEMENT

## New

## File menu > New

Dialog box where you create a new document, either from blank paper or from a template. Templates contain formats for documents such as faxes, memos, and reports.

Use Blank Paper $\quad \begin{aligned} & \text { Shows three blank-paper templates that each contain } \\ & \text { a simple page layout and basic paragraph and }\end{aligned}$ character formats.

Portrait Creates an untitled blank document that is taller than it is wide.

Landscape Creates an untitled blank document that is wider than it is tall.

Custom Opens the Custom Blank Paper dialog box where you can specify the page size and margins.

Use Template
Specifies a template for the new document. You can type the name of the template file in the text box or select the file from the scroll list.

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More in list...

## FILE MANAGEMENT

## New (continued)

## List files of type

Directories

Drives
Explore Standard Templates

Restricts the type of files that appear in the scroll list. You can show all files, files with a .doc extension, or files with a .mif extension.

Specifies which directory is current.
Specifies which drive is current.
Opens the Standard Templates dialog box where you can explore the templates provided with FrameMaker. You can use this dialog box to open blank templates, or to open examples of documents created from the templates.

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File in Use
Save Document
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## FILE MANAGEMENT

## Custom Blank Paper

Dialog box where you can specify the document's page layout: its page size, number of columns, column margins, and whether it is single-sided or double-sided. You open this dialog box by clicking Custom in the New dialog box.

Page Size

Columns

Column Margins

Specifies the paper size. You can choose a common paper size from the pop-up menu or specify custom page dimensions by typing new values in the Width and Height text boxes.

Sets the number of columns on the page and the gap between them.

Sets the size of the column margins, measured from each edge of the paper. For single-sided documents, the margins are Top, Bottom, Left, and Right. For double-sided documents, the margins are Top, Bottom, Inside, and Outside.

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Unknown File Type
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File in Use
Save Document
Save As Text
Save Book
Description

More in list...

## FILE MANAGEMENT

## Custom Blank Paper (continued)

## Pagination

Units

Single-Sided Makes the document single-sided. The document will contain one master page, named Right.

Double-Sided Makes the document double-sided. The document will contain two master pages, named Left and Right.

Left 1st Page and Right 1st Page determine whether the document will start on a left page or a right page.

Changes the units used in the text boxes in the dialog box and sets the display units in the new document.

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Save Document
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## FILE MANAGEMENT

## Standard Templates

Dialog box that lists the templates provided with FrameMaker, shows a thumbnail sketch of the templates, and describes the features of each template. You open this dialog box by clicking Explore Standard Templates in the New dialog box.

| More | Displays more template names in the list. |
| :--- | :--- |
| Create | Creates an empty copy of the selected template in <br> the list. You can save the document with the name <br> you choose and then begin entering text in the <br> document. |
| Show Sample | Creates a copy of the template with sample text and <br> graphics. You can save the document with a name <br> you choose and then revise the sample content. |

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## FILE MANAGEMENT

## Open

## File menu > Open

Dialog box where you open a file.

File

List files of type

Directories
Drives

Specifies the name of the file to open. You can select the file from the scroll list.

Restricts the type of files that appear in the scroll list. You can show all files, files with a .doc extension, or files with a .mif extension.

Specifies which directory is current.
Specifies which drive is current.
If the document you're opening was created using FrameBuilder and contains structured text flows, the Document Is Structured dialog box appears. To open the document in a form that you can read, but not edit, click Open as View Only. To remove the structure so you can edit the document, click Remove Structure and Open for Editing. When you save the document, FrameMaker will save it as an unstructured document.

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## FILE MANAGEMENT

## Missing Graphic File

Dialog box where you specify the correct location of a graphic file. This dialog box appears if you open a document with graphics that FrameMaker cannot find, which can happen if the document contains graphic files imported by reference (see Import File).

Looking For Displays the graphic file's pathname that was stored with the document. The pathname is usually stored as a relative pathname-that is, it begins with the document's directory. FrameMaker used the pathname to look for the graphic file, but could not find the file.

Document
Directory
New Filename

Displays the pathname of the document you are trying to open.

Displays the filename of the graphic file FrameMaker cannot find. Type the correct filename of the graphic file or use the scroll list to navigate to the correct file.

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Save Document
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More in list...

## FILE MANAGEMENT

## Missing Graphic File (continued)

## Options

Specifies how to proceed when a graphic file cannot be found.

Update Document to Use New Path Stores the new pathname you enter for the graphic file and opens the document. If other imported graphics are missing, FrameMaker tries to use the new path to find them.

Skip This Graphic File Skips the missing graphic and opens the document. The missing graphic will appear as a gray rectangle.

Skip All Missing Graphic Files Ignores other graphics that cannot be found and opens the document. The missing graphics will appear as gray rectangles.

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> More in list...

## FILE MANAGEMENT

## Document in Use

Dialog box that alerts you when others are working on the document you are trying to open (using the Open command) or change from View Only format to Normal format (using the keyboard shortcut EscF I k). This dialog box appears only if you turn on Network File Locking in the Preferences dialog box and someone already has the file open.

Open for Viewing Only

Open Copy for Editing

Reset Lock and Open
(Appears only when you are opening a document.) Opens a view-only copy of the document that you cannot edit.

Opens a document copy named NoName to prevent you from overwriting someone else's work. You can save the document with a new name.

Resets ownership of the lock file that FrameMaker created when the document was last opened. The lock file has the extension . lck. When you save the document, you may overwrite someone else's edits.

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## FILE MANAGEMENT

## Book in Use

Dialog box that alerts you when others are working on the book you are trying to open using the Open command. This dialog box appears only if you turn on Network File Locking in the Preferences dialog box and someone already has the book file open.

Reset Lock and Open

Resets ownership of the lock file that FrameMaker created when the book was last opened. The lock file has the extension . lck. When you save the book, you may overwrite someone else's edits.

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## FILE MANAGEMENT

## Unknown File Type

Dialog box where you specify the format of a file you want to open. This dialog box appears when you open a file that is not a FrameMaker document using the Open dialog box or the Import File dialog box.

## Convert From Lists the different file formats that FrameMaker can

 filter. This list is determined by the filters you chose to install when you installed FrameMaker. To learn more about installing filters, see Getting Started.Convert Opens the file, and converts it into a FrameMaker file using the filter you selected.

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## FILE MANAGEMENT

## Reading Text File

Dialog box where you specify how to interpret the text in a text file. This dialog box appears when you open a text file using the Open dialog box.

Merge Lines into Paragraphs

Merges consecutive lines into a single paragraph. Interprets a blank line as a paragraph break.

Treat Each Line As a Paragraph

Makes each line a paragraph in the FrameMaker document. Use this command to open a line-oriented text file (such as a C program) where you pressed Return to end each line.

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## FILE MANAGEMENT

## Save

## File menu > Save

Command that saves a file in the same directory, with the same filename and format, as when you last saved it.

If you use the Save command for a document that has not been saved before, the Save Document dialog box appears.

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## FILE MANAGEMENT

## File in Use

Dialog box that alerts you when others are working on the document or book you are trying to save using the Save or Save As command. This dialog box appears only if you turned on Network File Locking in the Preferences dialog box and someone on another computer has the file open.

Save As<br>Save Anyway

Opens the Save Document dialog box where you can make a copy of the document by giving it a new filename.

Saves the document with your changes. This command will overwrite any changes that have been made by another user. Your changes will also be overwritten if another user later saves the document.

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## FILE MANAGEMENT

## Save Document

## File menu > Save As

Dialog box where you save a new document or make a copy of a document by giving it a new filename. You can also use this dialog box to change the format of a document or to save a document in a different format.

| Save in File | Specifies a filename for the document. Type the <br> filename you want in the text box. |
| :--- | :--- |
| List files of type | Restricts the type of files that appear in the scroll list. <br> You can show all files, files with a . doc extension, or <br> files with a .mif extension. |
| Directories | Specifies which directory is current. |
| Drives | Specifies which drive is current. |

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## FILE MANAGEMENT

## Save Document (continued)

Format Specifies the format of the saved document.
Normal The standard format for FrameMaker documents. This format is the most compact and requires the least amount of time to save and open.
View Only The document can be opened but not edited. This format also makes any hypertext commands in the document active.

Interchange - MIF Maker Interchange Format (MIF) is a readable text format that describes all the text, graphics, formatting, and layout information in the document. MIF allows FrameMaker and other applications to exchange information while preserving the document's content and format.
Text Only Unformatted text. Only the text in text columns is saved. When you choose Text Only and click Save, the Save As Text dialog box appears so you can specify how to save the text.

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## Save Document (continued)

RTF (Rich Text Format) Rich Text Format is a text format that is readable by many word processing and publishing systems. It describes the text and much of the formatting in the document.

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## FILE MANAGEMENT

## Save As Text

Dialog box where you save a document as unformatted text. This dialog box appears when you choose Text Only from the Format pop-up menu in the Save Document dialog box and click Save.

Only text in text columns is saved. Graphics and formatting information are not saved.

Put a Carriage Return

Write Table Cells As Paragraphs

At the End of Each Line Puts a carriage return at the end of each line of text.

Only between Paragraphs Puts a single carriage return only between paragraphs.

Writes the text in each table cell as a paragraph.
Row by Row Starts at the top of the table and proceeds across rows.

Column by Column Starts at the top of the table and proceeds down columns.

Skip Ignores the text in tables.

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## FILE MANAGEMENT

## Save Book Description

File menu > Save As (with a book window active)
Dialog box where you save a new book or make a copy of a book by giving it a new filename. You can also use this dialog box to save a book in a different format.

| Save in File | Specifies a filename for the book. You can type the <br> filename in the text box or select it from the scroll list. |
| :--- | :--- |
| List files of type | Restricts the type of files that appear in the scroll list. <br> You can show all files, files with a . doc extension, or <br> files with a mif extension. |
| Directories | Specifies which directory is current. |
| Drives | Specifies which drive is current. |

## FILE MANAGEMENT

## Save Book Description (continued)

## Format Specifies the format of the saved book.

Normal The standard format for FrameMaker books. This format is the most compact and requires the least amount of time to save and open.

Interchange - MIF Maker Interchange Format (MIF) is a readable text format that describes all the setup information in the book. MIF allows FrameMaker and other applications to exchange information while preserving the content and format.

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## Revert to Saved

File menu > Revert to Saved
Command that closes a document or book without saving it and then opens the most recently saved version.

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## FILE MANAGEMENT

## Preferences

## File menu > Preferences

Dialog box where you customize your FrameMaker working environment. These settings stay in effect from session to session. Use this dialog box to specify:

- Automatic save and backup functions to protect your work against mistakes, crashes, and power failures
- The minimum point size at which characters can be displayed on the screen
- Whether to save an image of graphics that FrameMaker can display on other platforms
- Whether to lock files when you open them to keep other people from accidentally changing them


## Automatic Backup on Save

Makes a backup copy whenever you save a document with the Save command. The filename of this copy will include a percent character (\%) at the end, just before the filename suffix. This setting lasts only until you exit FrameMaker.

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## More in list...

## FILE MANAGEMENT

## Preferences (continued)

## Automatic Save Every n Minutes

## Show File <br> Translation Errors

 in the text box. saved copy. of your work.Periodically saves a copy of all documents you make changes to. The filename of this copy will include a dollar character (\$) at the end, just before the filename suffix. To indicate how often automatic copies should be made, type the number of minutes

When you use the Save, Save As, or Revert to Saved command, FrameMaker deletes the automatically

If your system crashes or a power failure occurs, you can open the autosave file to recover most, if not all,

Displays errors that FrameMaker finds as it opens files that were filtered or as it reads configurable user interface files. A list of unavailable fonts will also display. The messages appear in the FrameMaker console, which is a special window that opens to display error messages.

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## FILE MANAGEMENT

## Preferences (continued)

## Greek Screen Text Sets the minimum point size at which characters will

Smaller Than be displayed on the screen. Smaller text will appear
greeked—as a gray bar on the screen-but will be printed normally. Pages with greeked text appear more quickly than pages with individually drawn characters.

The current zoom setting affects whether or not the text appears greeked. For example, if you display 12point text at a zoom setting of 50 percent, FrameMaker uses 6-point characters. If you specify that text smaller than 7 points be greeked, the lines of text appear as gray bars.

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## FILE MANAGEMENT

## Preferences (continued)

## Compatibility

Preferences

Save Framelmage with Imported Graphics Adds a special Framelmage facet to graphics whose formats are not supported by FrameMaker on other platforms. If needed, the Framelmage facet displays and prints in place of the original graphic format.

Network File Locking Locks files you open so other people are notified that their changes might conflict with your work. A lock file has the name of the file you open, with a . lck extension. When somebody tries to open a locked file, FrameMaker displays the Document in Use dialog box.
Network file locking only affects FrameMaker users who are running under Windows, and users on the Macintosh who have their cross-platform compatibility set to work with Windows.

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## FILE MANAGEMENT

## Close/Close Book

## File menu > Close

File menu > Close Book (with a book window active)
Command that removes a document window from the screen and from memory. If the document has unsaved changes, FrameMaker asks you whether you want to save the changes before closing the document.

If you hold down Shift when choosing this command, the command changes to Close All Open Files.

## Books

When you choose this command with a book window active, it removes the book window from the screen and from memory. If the book has unsaved changes, FrameMaker asks you whether you want to save the changes before closing the book.

If you hold down Shift when choosing this command, the command changes to Close All Files in Book. The book file and all the files in it are closed.

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## FILE MANAGEMENT

## Recently opened files

File menu > filename
The names of the last five files you opened appear near the bottom of the File menu. The list of recently opened files is updated each time you open another file. To reopen one of these files, choose the filename.

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## FILE MANAGEMENT

## Exit

## File menu > Exit

Command that closes any open documents and exits FrameMaker. If any documents have changes that need to be saved, an alert appears asking whether to save the changes.

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## FIND/CHANGE

## Introduction

You can find and change text, formats, and other items in a FrameMaker document.

## Help on finding and changing

For information on finding and changing items, click an item in the topic list to the right or click an active area below.

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The Find/Change window contains controls to find and change text and other items.

The Find Character Format dialog box specifies what character format to find.

The Change to Character Format dialog box specifies what character format is applied to found text.

The Find Conditional Text dialog box specifies the condition tag settings to find.

See Syntax Descriptions for information on the wildcards and special characters that you can use to find items.

## FIND/CHANGE

## Find/Change

## Edit menu > Find/Change

Window where you search for text and other items in a document and change them. FrameMaker searches only the page type currently displayed. For example, if a body page is displayed, only body pages are searched. If a master page is displayed, only master pages are searched.
You can use wildcards for any search that requires text in the Find text box.

Text Searches for the text in the text box.
Character Format Opens the Find Character Format dialog box where you can specify what character format to find.

Paragraph Tag Searches for a paragraph with the tag shown in the text box.

Character Tag Searches for text with the character tag shown in the text box.

Any Marker Searches for a marker of any type.

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Find \begin{tabular}{l}
Specifies the item you want to find. <br>
Text Searches for the text in the text box. <br>
Character Format Opens the Find Character <br>

| Format dialog box where you can specify what |
| :--- |
| character format to find. |
| Paragraph Tag Searches for a paragraph with th |
| tag shown in the text box. |
| Character Tag Searches for text with the charac |
| tag shown in the text box. |
| Any Marker Searches for a marker of any type. |

\end{tabular}

## FIND/CHANGE

## Find/Change (continued)

Marker of Type Searches for the marker type shown in the text box.

Marker Text Searches for a marker containing the word or phrase in the text box.
Any Cross-Reference Searches for a crossreference with any format.
Cross-Reference of Format Searches for a crossreference with the format shown in the text box.

Unresolved Cross-Reference Searches for a cross-reference whose source of information was not found. If FrameMaker finds an unresolved crossreference, it displays the marker text of the crossreference in the text box.
Any Variable Searches for any variable.
Variable of Name Searches for the variable shown in the text box.

Anchored Frame Searches for an anchored frame.

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## FIND/CHANGE

## Find/Change (continued)

Footnote Searches for a footnote.
Any Table Searches for a table with any tag.
Table Tag Searches for a table with the tag shown in the text box.

Conditional Text Opens the Find Conditional Text dialog box where you can specify what condition tag settings to find.

Automatic Hyphen Searches for any hyphen inserted by FrameMaker.
Text \& Character Formats on Clipboard Searches for text that matches text on the Clipboard, even in capitalization and character format.

Consider Case

Searches for an item with the same capitalization as the text in the Find text box. Ignores capitalization if this checkbox is turned off.

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## FIND/CHANGE

## Find/Change (continued)

## Whole Word

## Use Wildcards

Find Backward

Searches for complete words. For example, use this setting to search for the word hat, but not words containing hat, such as what or that.

Allows the use of wildcards in a search.
Searches backward, toward the beginning of the document. When FrameMaker reaches the beginning of the document, it wraps around to the end of the document and continues searching backward.

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## FIND/CHANGE

## Find/Change (continued)

## Change

Clone Case

Find you find. the found text.

Pop-up menu that specifies how to change the item

To Text Replaces the found item with the text in the Change text box. The new text uses the same character format as the found text.
To Character Format Opens the Change to Character Format dialog box where you can specify the character format applied to the found text.
By Pasting Replaces the item FrameMaker finds with the contents of the Clipboard.

Gives the replacement text the same capitalization as

Begins the search. If an item is found, it is selected. When the end of the document is reached, the search continues from the beginning of the document.

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## FINDICHANGE

## Find/Change (continued)

## Change

Change \& Find

Change All In

Changes the found text as specified in the Change pop-up menu.

Changes the found text as specified in the Change pop-up menu and continues the search.

Changes every instance of the found text as specified in the Change pop-up menu.
Document Changes every instance in the entire document.

Selection Changes every instance in the selected text.

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## FINDICHANGE

## Find (Change to) Character Format

Dialog box where you specify what character format properties to find or change.
You open the Find Character Format dialog box by choosing Character Format from the Find pop-up menu in the Find/Change window.
You open the Change to Character Format dialog box by choosing To Character Format from the Change pop-up menu.
You can ignore a property when finding or changing by setting the property to As Is. For more information on these properties and how they are applied to text, see Character Designer.

Family Specifies the font family, such as Helvetica or Times.
Size Specifies the type size.
Angle Specifies the angle, such as italic or oblique.
Weight Specifies the weight, such as bold or black.
Variation Specifies the variation, such as narrow or regular.

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## FIND/CHANGE

## Find (Change to) Character Format (continued)

| Color |
| :--- |
| Spread |
|  |
| Underline |
| Double Underline |
| Numeric Underline |

Overline $\quad$ Specifies a line over text.

Strikethrough Specifies a line through text.

Superscript Subscript

Change Bar Specifies text marked with a vertical change bar in the margin.

Specifies text above the baseline (superscript) or below the baseline (subscript).
Specifies the color.
Specifies the space between characters.
Specifies the underline style.

Specifies a line over text.

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FIND/CHANGE

## Find (Change to) Character Format (continued)

Small Caps
Lowercase Uppercase

Pair Kern

Specifies the capitalization style.
This Is Small Caps. this is lowercase. THIS IS UPPERCASE.

Specifies pair kerning.

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## FINDICHANGE

## Find Conditional Text

Dialog box where you specify what condition tag settings to find. You open this dialog box by choosing Conditional Text from the Find pop-up menu in the Find/Change window.
FrameMaker does not search through hidden conditional text. To search through all text in a conditional document, use the Show/Hide Conditional Text dialog box to make all text visible before you start the search.

Unconditional Specifies that FrameMaker should find unconditional text.

Conditional
Specifies that FrameMaker should find text with the condition tag settings you specify.

| If a tag is in <br> this scroll list | FrameMaker |
| :--- | :--- |
| In | Searches for text that has this tag |
| Not In | Searches for text that does not have <br> this tag |
| As Is | Ignores this tag while searching |

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## FIND/CHANGE

## Find Conditional Text (continued)

$<---\quad--->$
Arrow buttons for moving tags from one scroll list to another.

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## FIND/CHANGE

## Find Next

## Edit menu > Find Next

Command that finds the next occurrence of the item specified in the Find/ Change window. If you haven't specified anything in the Find/Change window, FrameMaker alerts you to specify an item to find.

When you choose Find Next, FrameMaker always searches forward, regardless of the setting in the Find/Change window.

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## FIND/CHANGE

## Set Find/Change Parameters

Dialog box where you set the Find/Change parameters to use with Find/ Change keyboard shortcuts. You open this dialog box with the keyboard shortcut Esc fis.

This dialog box is almost identical to the Find/Change window. However, it does not have any buttons for finding or changing text. Instead it has a Set button you use to set the search parameters. Then you can use keyboard shortcuts to find and change your text.

You can use wildcards for any search that requires text in the Find text box. For a list of wildcards and what they find, see Wildcard characters.

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## FOOTNOTES

## Introduction

You can insert footnotes in FrameMaker documents and specify their format and other properties. As you add footnotes or move text with footnote references, the footnote numbering is maintained for you. Footnotes to main document text appear at the bottom of the text column. Footnotes to a table appear at the bottom of the table.

## Help on footnotes

For information on typing footnotes and setting footnote properties, click an item in the topic list to the right or click an active area below.

The Footnote command inserts a footnote reference and moves the insertion point to the bottom of a column or table so you can type the footnote.

The Footnote Properties dialog box contains controls for setting the properties of document footnotes.

The Table Footnote Properties dialog box contains controls for setting the properties of table footnotes.

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## FOOTNOTES

## Footnote

## Special menu > Footnote

Command that inserts a footnote reference at the insertion point and moves the insertion point to the bottom of the column or table so you can type the footnote text. (To move the insertion point back to the main body text, click in the text, choose the command again, or press Esc s f.)
FrameMaker renumbers footnotes as you insert new ones.

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## FOOTNOTES

## Footnote Properties

## Format menu > Footnote Properties

Dialog box where you specify properties for footnotes that appear anywhere in a document except a table (see Table Footnote Properties). This dialog box appears when you choose the command with the insertion point in the main document text-not in a table.

## Maximum Height Per Column <br> Sets the maximum space allowed for footnotes. If a footnote doesn't fit in the available space, FrameMaker moves the entire footnote to the next column.

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## FOOTNOTES

## Footnote Properties (continued)

## Paragraph Format

Specifies the paragraph format used for new footnotes. In all templates provided with
FrameMaker, this format is named Footnote. You can change the Footnote paragraph format the same way you change other paragraph formats (see Paragraph Formats).

If a frame on a reference page has the same name as the paragraph format, FrameMaker uses the frame and its contents above the first footnote in a text column. To increase or decrease the amount of space between the main text and the first footnote, change the height of the frame on the reference page. To include a separator line between the main text and footnotes, draw the line in the frame.

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## FOOTNOTES

## Footnote Properties (continued)

Numbering Style

Shows the numbering styles available for the footnote reference in the text. You can choose numeric, alphabetic, or roman style. You can also create a custom numbering style.
Numeric, roman, ROMAN, alphabetic, ALPHABETIC Specifies a numeric, lowercase or uppercase Roman, or lowercase or uppercase alphabetic numbering sequence.
Custom Specifies the characters or symbols, such as asterisks or daggers, used instead of footnote numbers. FrameMaker uses the symbols in the order in which they appear in the text box. If there are more footnotes than symbols, FrameMaker repeats the symbols. For example, if you specify an asterisk and a dagger, FrameMaker uses an asterisk for the first footnote, a dagger for the second, and two asterisks for the third.

Start Over on Each Page Restarts footnote numbering on each page.

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FOOTNOTES

## Footnote Properties (continued)

Sequentially From Numbers footnotes continuously through the document, beginning with the number you type in the text box.

Number Format
Specifies how footnote numbers appear in the main text and in footnote text.

Position Specifies whether the footnote number appears as a superscript, as a subscript, or at the baseline of text.

Prefix, Suffix Specifies the characters used as a prefix and suffix for the footnote number. For example, you might want to enclose the footnote number in square brackets or parentheses.

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## FOOTNOTES

## Table Footnote Properties

## Format menu > Footnote Properties

Dialog box where you specify properties for footnotes that appear in tables. This dialog box appears when you choose the command with the insertion point in a table-not in the main document text.

$$
\begin{aligned}
& \text { Paragraph Format Specifies the paragraph format for footnotes. In all } \\
& \text { templates provided with FrameMaker, this format is } \\
& \text { named TableFootnote. You can change the } \\
& \begin{array}{l}
\text { TableFootnote paragraph format the same way you } \\
\text { change other paragraph formats (see Paragraph }
\end{array} \\
& \begin{array}{l}
\text { TableFootnote paragraph format the same way you } \\
\text { change other paragraph formats (see Paragraph }
\end{array} \\
& \text { Formats). } \\
& \text { If a frame on a reference page has the same name as } \\
& \text { the paragraph format, FrameMaker uses the frame } \\
& \text { and its contents above the first footnote in a table. To } \\
& \text { increase or decrease the amount of space between } \\
& \text { the table and the first footnote, change the height of } \\
& \text { the frame on the reference page. To include a } \\
& \text { separator line between the table and the footnotes, } \\
& \text { draw the line in the frame. } \\
& \text { Paragraph Format } \begin{array}{l}
\text { Specifies the paragraph format for footnotes. In all } \\
\text { templates provided with FrameMaker, this format is }
\end{array} \\
& \text { draw the line in the frame. }
\end{aligned}
$$

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## FOOTNOTES

## Table Footnote Properties (continued)

Numbering Style

Shows the numbering styles available for the
footnote reference in the table. You can choose numeric, alphabetic, or roman style. You can also create a custom numbering style.
Numeric, roman, ROMAN, alphabetic, ALPHABETIC Specifies a numeric, lowercase or uppercase Roman, or lowercase or uppercase alphabetic numbering sequence.
Custom Specifies the characters or symbols, such as asterisks or daggers, used instead of footnote numbers. FrameMaker uses the symbols in the order in which they appear in the text box. If there are more footnotes than symbols, FrameMaker repeats the symbols. For example, if you specify an asterisk and a dagger, FrameMaker uses an asterisk for the first footnote, a dagger for the second, and two asterisks for the third.

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## FOOTNOTES

## Table Footnote Properties (continued)

Number Format Specifies how footnote numbers appear in table cells and in footnote text.

Position Specifies whether the footnote number appears as a superscript, as a subscript, or at the baseline of text.

Prefix, Suffix Specifies the characters used as a prefix and suffix for the footnote number. For example, you might want to enclose the footnote number in square brackets or parentheses.

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## GRAPHICS

## Introduction

You can use the FrameMaker drawing tools to illustrate a document. You use the commands on the Graphics menu to edit objects-for example, to align, distribute, rotate, or reshape them. You can anchor graphics to text, so the graphics move along with the text.

## Help on graphics

For information on the Tools palette, the commands on the Graphics menu, and anchored frames, click an item in the topic list to the right or click an active area below.

The Tools palette contains the drawing tools, as well as controls for changing drawing properties such as the pen and fill patterns, line width, and color.

The Graphics menu includes commands for manipulating graphics, as well as drawing aids.

The Anchored Frame command creates and changes anchored frames.

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## Tools palette

## Graphics menu > Tools

Palette where you choose drawing tools and drawing properties. You can also display the Tools palette by clicking the Tools button ( $\boldsymbol{\Delta}$ ) on the right side of the document window.

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## Drawing tools

Area on the Tools palette where you choose selection tools that you use to select text and objects, and drawing tools that you use to draw objects. For information on a tool, click the tool in the illustration below.


To draw several objects of the same type (except for text lines) without clicking the tool each time, Shift-click or double-click a tool. To stop using the tool, click another drawing tool or a selection tool.

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## Drawing tools (continued)

Smart Selection

Object Selection

Selects both objects and text. When the Smart Selection tool is active, the pointer changes shape as you move it, indicating whether you'll place an insertion point in text ( $(\backslash)$ or select an object (\&) when you click. To select text columns, text lines, or equations as objects when the Smart Selection tool is active, Control-click the text or equation.

Selects only objects. When you click text with the Object Selection tool active, you select the text column or text line as an object instead of putting an insertion point in the text.
Normally, FrameMaker activates the Smart Selection tool when you finish drawing an object. To keep the Object Selection tool active after drawing an object, Shift-click it on the Tools palette.

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## Drawing tools (continued)

Rounded Rectangle Draws a rectangle or square with rounded corners. To draw a rounded rectangle, click the Rounded Rectangle tool. Then drag diagonally across the area where you want it to appear. To draw a square with rounded corners, Shift-drag.
To change the curvature (the corner radius) of the corners, choose Object Properties from the Graphics menu.

Polyline
Draws a polyline. To draw a polyline, click the Polyline tool. Then click at each vertex of the polyline and double-click at the last vertex. To draw a horizontal or vertical segment or a segment at a 45degree angle, Shift-click at a vertex.
When you complete the polyline, FrameMaker displays reshape handles so you can reshape it. See Reshape.

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## Drawing tools (continued)

Oval Draws an oval or circle. To draw an oval, click the Oval tool. Then drag diagonally across the area you want it to appear in. To draw a circle, Shift-drag.

Polygon
Draws a polygon. To draw a polygon, click the Polygon tool. Then click at each vertex of the polygon, and double-click at the last vertex. To draw a horizontal or vertical segment, or a segment at a 45-degree angle, Shift-click at a vertex.

When you complete the polygon, FrameMaker displays reshape handles so you can reshape it. See Reshape.

To draw a regular polygon, first draw a square or circle. Then choose Set \# Sides from the Graphics menu.

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## Drawing tools (continued)

## Freehand

Draws a curve similar to ones you draw with a pen on paper. Freehand curves in FrameMaker are drawn with Bézier curves. To draw a freehand curve, click the Freehand tool. Then drag along the path of the curve.

When you release the mouse button, FrameMaker displays reshape handles and control points so you can reshape the curve. See Reshape.

You may want to turn off Snap when drawing a freehand curve. When Snap is on, FrameMaker ignores the snap grid as you draw the curve, but locates the first control point of the curve at a point on the grid.

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Text Column

Draws a text column. A text column can contain more than one line of text. Use text columns for multiline callouts, paragraphs of text, or any other text you want to wrap automatically from line to line. Also use text columns when you want to insert variables, cross-references, or markers in the text, or when you want to include the text in a generated list.

To draw a text column, click the Text Column tool. Then drag diagonally across the area where you want it to appear. To type text in the text column, double-click to place an insertion point in the column and then type.
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Text Line

Draws a text line. A text line is a single line of text that FrameMaker treats independently from other text. Text lines grow or shrink in length as you edit them, but they don't wrap around to the next line.
To draw a text line, click the Text Line tool. Then click to place an insertion point and type. FrameMaker uses the last character format you typed or selected in the document.

To create another text line below the first one, press Return and continue typing.
Compare Text Column.

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## Drawing tools (continued)

## Frame Draws an unanchored frame. Unanchored frames are

 attached to the page and do not move as you edit text. Use unanchored frames to crop graphics and to keep reference art on a reference page.To draw a frame, click the Frame tool. Then drag diagonally across the area where you want it to appear. If you draw the frame on a reference page, the Frame Name dialog box appears so you can name the frame.

Compare Anchored Frame.

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## Frame Name

Dialog box where you name or rename a frame on a reference page. This dialog box appears when you draw a frame on a reference page. It also appears when you select a frame on a reference page and click the frame name in the status bar.

## Name

The name of the frame. This name appears in the status bar when you select the frame. You use this name when you include the frame as part of a paragraph format (see Frame Above, Frame Below in the Advanced Properties of the Paragraph Designer) or when you create or update math element definitions (see Add Math Element Definition).

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## Fill and Pen

Two pop-up menus on the Tools palette where you change the fill and pen patterns of objects and set the patterns to be used for new objects (the current fill and pen patterns). Click $\mathbb{V / I}_{1}$ to display the Fill pop-up menu or $\square$ to display the Pen pop-up menu. The pop-up menus look as follows:


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## Line Widths

Pop-up menu on the Tools palette where you change the width of lines and object borders, specify the line width to be used for new objects (the current line width), and change the available line widths. The four lines shown on the Line Widths pop-up menu don't represent actual line widths. They represent only the available widths in order.
Click IIII to display the Line Widths pop-up menu.


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## Line Width Options

Dialog box where you set the available line widths in the Tools palette. You open this dialog box by choosing Set from the Line Widths pop-up menu, which is displayed by clicking $\square I \|$ on the Tools palette.

You can type the line widths in the text boxes in any order. FrameMaker uses these line widths until you change them.
The line and border widths of existing objects are not affected.

## Get Defaults

Changes the line widths back to the FrameMaker defaults.

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## Line Ends

Pop-up menu on the Tools palette where you change the ends of arcs, lines, polylines, and freehand curves; specify the line end to be used for new objects (the current line end); and change the arrow style and the line cap (the appearance of line ends that don't have an arrowhead).
The arrow styles shown in the Line Ends pop-up menu don't represent the actual arrows. They represent only the direction of the arrows as the object is drawn. Click $\square$ to display the Line Ends pop-up menu.

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## Line End Options

Dialog box where you set the arrow style and the appearance of line ends that don't have an arrowhead. You open this dialog box by choosing Set from the Line Ends pop-up menu, which is displayed by clicking $\square$ on the Tools palette.
FrameMaker uses this arrow style and cap style until you change them or exit FrameMaker.

## Arrow Style

Shows eight preset arrow styles and allows you to define a custom arrow style.

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## Line End Options (continued)

## Custom

Creates a custom arrow style using dimensions you provide for the base angle, tip angle, length, and style.

$B=$ Base angle
$\mathrm{T}=\mathrm{Tip}$ angle
L = Length

Base ${ }^{\circ}$ Can be between 10 and 175 degrees, but must be at least 5 degrees greater than the tip angle.
Tip ${ }^{\circ}$ Can be between 5 and 85 degrees.
Length Can be between 0 and 255 points. The length is for a 1-point thick line. The length changes with the line width.

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## Line End Options (continued)

Style Can be Filled, Hollow, or Stick.


If you use Stick, FrameMaker ignores the base angle.

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## Line End Options (continued)

Cap Style
Creates a cap for the ends of lines that don't have an arrowhead. Choose Projecting (for a square cap), Round (for a round cap), or Butt (for no cap). The default line cap is Projecting.


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## Line Style

Pop-up menu on the Tools palette where you make lines and object borders solid or dashed, specify whether a solid or dashed line is to be used for new objects (the current line style), and choose what dashed pattern to use.
Click $\quad 1 \quad$ to display the Line Style pop-up menu.


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## Dashed Line Options

Dialog box where you set the dashed-line style available on the Tools palette. You open this dialog box by clicking Set in the Line Style pop-up menu, which is displayed by clicking $\quad . \square$ on the Tools palette.
FrameMaker uses the line style until you change it or exit FrameMaker.
If the current dashed-line style isn't one of the eight preset styles, the Picked up From Selection radio button is turned on. This allows you to use a custom dashed-line style. To pick up a custom style from an object in the same or another document, select the object that has the style. Then hold down Shift and choose Pick up Object Properties from the Graphics menu.

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## Color

Pop-up menu on the Tools palette where you change the color of objects, including text lines.

To define colors, choose Color > Definitions from the View menu.
To set up color views and switch between them, choose Color > Views from the View menu.

To set up color print separations, choose Print from the File menu.

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## Group, Ungroup

## Graphics menu > Group, Ungroup

Group is a command that groups a number of objects (except frames) into one object. Once objects are grouped, you can manipulate them as one object using any of the graphics commands except Set \# Sides. You can also change the group's object properties.
You can combine a group of objects with other objects to form an even larger group. FrameMaker groups and ungroups objects hierarchically, so the first set of grouped objects is maintained as a set when you group other objects with it.
Ungroup is a command that ungroups objects that were grouped together. When a group has been grouped with other objects, you must choose Ungroup more than once to ungroup all objects.

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## Bring to Front, Send to Back

## Graphics menu > Bring to Front, Send to Back

Bring to Front is a command that moves objects (including text columns and text lines) in front of other objects.

Send to Back is a command that moves objects (including text columns and text lines) behind other objects.
If an object disappears when you use the Send to Back command, it might have moved completely behind other objects. To make it visible, select the objects in front and choose Send to Back again.

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## Align

## Graphics menu > Align

Dialog box where you move several objects (except frames), including equations, so their paths (the centers of their borders) or center points lie on a straight line. You can also use the Align dialog box to align a single object on a page or within a frame.

FrameMaker aligns objects with the last object you select. If you use a selection border to select the objects, FrameMaker aligns them with the frontmost object.

## Top/Bottom

As Is Leaves the top/bottom alignment unchanged.
Tops Aligns objects along their top edges.
T/B Centers Aligns objects along their top/bottom center lines.

Bottoms Aligns objects along their bottom edges.

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## Align (continued)

## Left/Right

As Is Leaves the left/right alignment unchanged.
Left Sides Aligns objects along their left sides.
LIR Centers Aligns objects along their left/right center lines.

Right Sides Aligns objects along their right sides.

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## Distribute

## Graphics menu > Distribute

Dialog box where you move objects (except frames) horizontally or vertically so they are equally spaced.

## Horizontal Spacing As Is Leaves the horizontal spacing unchanged.

Edge Gap Moves all objects (except the leftmost) to the left or right so the gap between objects equals the value you type in the text box. An edge gap of zero makes objects touch; a negative value makes them overlap.

Equidistant Centers Moves all objects (except the leftmost and rightmost) so their left/right center lines are equally spaced.
Equidistant Edges Moves all objects (except the leftmost and rightmost) so their edges are equally spaced.

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## Reshape

## Graphics menu > Reshape

Command that allows you to change the shape of polygons, polylines, arcs, and freehand curves.

When you choose Reshape with a line, polygon, or polyline selected, a reshape handle appears at each point. To reshape the polygon or polyline, drag a reshape handle. To add a corner, press Control and click where you want the corner. To remove a corner, press Control and click the corner.

When you choose Reshape with a freehand curve selected, reshape handles and control points appear. To change the position of the curve, drag a reshape handle. To change the curvature, drag a control point. To add a reshape handle, press Control and click where you want the corner. To remove a reshape handle, press Control and click the corner.

When you choose Reshape with an arc selected, reshape handles appear at both ends of the arc. To change the percentage of a circle that the arc represents, drag a reshape handle.

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## Smooth, Unsmooth

## Graphics menu > Smooth, Unsmooth

Smooth is a command that rounds the corners of rectangles and increases the corner radius of rounded rectangles. It also changes polylines and polygons into a series of Bézier curves. After smoothing a polygon or polyline, reshape handles and control points appear so you can reshape the curve. See Reshape on the Graphics menu.

Unsmooth is a command that decreases the corner radius of a rounded rectangle and changes a freehand curve into a polyline.

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## Flip Up/Down, Flip Left/Right

## Graphics menu > Flip Up/Down, Flip Left/Right

Flip Up/Down is a command that flips an object about its horizontal axis so its top is on the bottom.

Flip Left/Right is a command that flips an object about its vertical axis so its left side is on the right.

You can flip all objects except frames, equations, and unrotated text lines and text columns.

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## Rotate Selected Objects

## Graphics menu > Rotate

Dialog box where you can rotate all objects except frames, equations, and table cells to any angle you set. You can rotate several objects at a time, whether or not they are grouped.
If you choose the Rotate command with a frame, equation, or table cell selected, a different dialog box appears that allows you to rotate the object in 90-degree increments.

| Rotate by | Sets the rotation angle. The angle can be a decimal <br> value. A negative value rotates the object in the <br> opposite direction from the one indicated in the <br> Direction area. |
| :--- | :--- |
| Direction | Clockwise Rotates objects clockwise. <br> Counterclockwise Rotates objects <br> counterclockwise. |

Sets the rotation angle. The angle can be a decimal value. A negative value rotates the object in the opposite direction from the one indicated in the Direction area. counterclockwise.
Counterclockwise Rotates objects

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## Rotate (frames, equations, table cells)

## Graphics menu > Rotate

Dialog box where you rotate unanchored frames, table cells, and equations in 90-degree increments.

If you choose the Rotate command with a different type of object selected, a different dialog box appears that allows you to rotate the object to any angle.

## Angle <br> Each radio button shows the angle to which it rotates the object.

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## Scale

## Graphics menu > Scale

Dialog box where you resize any object except a text line or an equation to a percentage of its current size or to the dimensions you specify. You can scale several objects at a time, whether or not they are grouped.

| Scale | Resizes an object to the percentage you type in the <br> text box. 100 percent is the object's current size, 50 <br> percent halves its size, and 200 percent doubles its <br> size. |
| :--- | :--- |
| Unrotated Size $\quad$Resizes an object to the width and height you type in <br> the text boxes. The text boxes initially contain the <br> object's dimensions before any rotation. |  |

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## Set Number of Sides

## Graphics menu > Set \# Sides

Dialog box where you change a square or circle to a regular polygon (one with equal sides and equal angles). When you use the Set \# Sides command with a polygon, rectangle, or oval, the resulting polygon won't have equal sides and equal angles.

Number of Sides
Start Angle
Sets the number of sides for the polygon.
Sets the clockwise rotation of a vertex of the polygon.

$\begin{array}{ll}\text { Number of Sides }=3 & \text { Number of Sides }=3 \\ \text { Start Angle }=0^{\circ} & \text { Start Angle }=45^{\circ}\end{array}$

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## Object Properties

## Graphics Menu > Object Properties

Dialog box where you inspect and change the properties of an object-for example, its size, position, border or line width, angle of rotation, and color. The items in the Object Properties dialog box depend on the object type.
If you hold down Shift when choosing this command, the command changes to Pick up Object Properties. The Pick up Object Properties command changes the current drawing properties on the Tools palette to match the properties of the selected object.

| Type | Shows the object type, such as Polygon or <br> Rectangle. |
| :--- | :--- |
| Unrotated Size | Shows the width and height of the object before any <br> rotation. The width and height must be between <br> 0.0125 and 3600 points. |

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## Object Properties (continued)

Offset From<br>Alignment Point Offset From

Alignment to the top of the object. alignment point. at its baseline.

Shows the object's position on a page or in a frame.
Top The distance from the top of the page or frame

Left The distance from the left side of the page or frame to the left edge of the object.

Top The distance from the top of the page or frame to the baseline of a text line or equation at its

Left The distance from the left side of the page or frame to the alignment point of a text line or equation

Shows the alignment of a text line (Left, Center, or Right) or equation (Left, Center, Right, or Manual). The alignment is maintained when you edit the text line or equation.

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## Object Properties (continued)

Color Shows the object's color.
To define colors, choose Color > Definitions from the View menu.

Shows the object's clockwise rotation in degrees.
Shows the width of the object's border. The border width must be between 0.015 and 360 points.

Shows the thickness of a line or polyline. The line width must be between 0.015 and 360 points.

## Corner Radius

Shows the corner radius of a rounded rectangle. The radius can be no larger than $1 / 2$ the length of the rectangle's shortest side. For example, if the rounded rectangle is 2 inches by 4 inches, the largest radius is 1 inch.

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## GRAPHICS

## Object Properties (continued)

## Start Angle/End

 AngleSpecifies the start and end angles of an arc. The angle is measured clockwise from 12 o'clock.


Shows the facets that are present for an imported graphic. A facet is one of many representations of a graphic. FrameMaker uses some facets, such as EPSI and Framelmage, to display and print images.
(For text lines only.) Specifies the language used when spell-checking the text line.

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## GRAPHICS

## Object Properties (continued)

Size

Automatic Line Break After

Flow Tag

Autoconnect

Name is small, medium, or large. text flow. Autoconnect turned off.
(For equations only.) Indicates whether the equation
(For equations only.) Shows where an equation breaks automatically across lines.
(For text columns only.) Specifies the name of the
(For text columns only.) Specifies whether a page should be added automatically when text fills the last column in the flow. The flow in text columns drawn on a body page with the Text Column tool has
(For frames on reference pages only.) Shows the name of the reference frame.

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## GRAPHICS

## Overprint

## Graphics menu > Overprint

Dialog box where you specify whether an object should be printed over or cut out of objects it overlaps when printing color separations. You can set overprinting for several objects at once.


Overprinting off


Overprinting on

Don't Overprint Turns off overprinting.
Overprint Turns on overprinting.

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## GRAPHICS

## Overprint

As Is Indicates that some, but not all, of the selected objects have overprinting turned on.

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## GRAPHICS

## Gravity

## Graphics menu > Gravity

Command that helps you connect objects to the paths (the center of the borders) of other objects. When Gravity is on, objects attract the pointer when you draw, resize, or reshape an object.


As a handle is dragged closer to a gravity point...

an object will automatically connect to another.


The corners or points (and sometimes the center) of an object exert a stronger pull than the sides. Gravity extends the same distance on the screen regardless of the current zoom setting. If you zoom in, you can place points closer to an object without the object attracting the pointer.

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## GRAPHICS

## Snap

## Graphics menu > Snap

Command that creates an invisible grid with magnetic properties. When you draw, move, resize, or reshape objects, their paths (the centers of their borders) snap to the invisible grid. When you rotate objects, they snap to the rotation grid.


To change the snap grid spacing, choose Options from the View menu.

## GRAPHICS

## Anchored Frame

## Special menu > Anchored Frame

Dialog box where you create or change an anchored frame. Anchored frames can contain graphics and text. When you create an anchored frame, you specify its position and size; FrameMaker inserts an anchor symbol ( $\mathbf{\perp}$ ) at the insertion point. The frame and its contents move with the anchor symbol, so you don't have to reposition the frame when you edit the document.

You can position an anchored frame in the text column, at the insertion point, or in the margin.

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## GRAPHICS

## Anchored Frame (continued)

## In the text column

You can position the frame in three places within the text column.
Below Current Line Positions the frame directly below the insertion point.

At Top/Bottom of Column

Positions the frame at the top or bottom of the column containing the insertion point.


Current Line


At Top of Column


At Bottom of Column

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## GRAPHICS

## Anchored Frame (continued)

| Alignment | Aligns the frame in the text column (at the left edge, <br> centered, or at the right edge). |
| :--- | :--- |
| Cropped | Clips the sides of the anchored frame, if necessary, to <br> fit in the text column. |
| Floating | Allows the frame to float away from the anchor <br> symbol if there isn't room for both the anchor symbol <br> and the frame in the same column. |

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GRAPHICS

## Anchored Frame (continued)



With Floating off, the frame and anchor symbol must be in the same column.


With Floating on, the frame floats to the next column that can hold it.

## At the insertion point

You can position the frame immediately after the anchor symbol, as if it were a single character. The frame will move from line to line as you edit the text. If you want the frame to be treated as a one-character word, put a space on either side of the anchor symbol. To make the line spacing grow to accommodate the height of the anchored frame, turn off Fixed Line Spacing in the Custom Line Spacing dialog box or in the Line Spacing area of the

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## GRAPHICS

## Anchored Frame (continued)

Basic properties in the Paragraph Designer.
At Insertion Point Places the frame in the line, immediately after the anchor symbol.

Baseline Offset
Sets the distance between the bottom of the anchored frame and the baseline of the text containing the anchor symbol. Zero aligns the bottom of the frame with the baseline, positive numbers move the frame up, and negative numbers move the frame down. You can also drag the frame to a new location.

## In the margin

You can position the frame in four places in the margin, as illustrated on the next page.

Left Side of Column Positions the frame at the left side of the column on every page.

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## GRAPHICS

## Anchored Frame (continued)

## Right Side of

 ColumnSide Closest to Page Edge

Side Farthest from Page Edge

Positions the frame at the right side of the column on every page.

Positions the frame at the side of the column that's closer to the edge of the page. Use this setting to place the frame in the margin of a two-column page.

Positions the frame at the side of the column that's farther from the page edge. Use this setting to place the frame in the wider margin of the page for a onecolumn layout.

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## GRAPHICS

## Anchored Frame (continued)

The following illustration shows the four locations for an anchored frame in the margin of a text column.


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## GRAPHICS

## Anchored Frame (continued)

Baseline Offset

Near-Side Offset location.

Sets the distance between the bottom of the anchored frame and the baseline of the text containing the anchor symbol. Zero aligns the bottom of the frame with the baseline, positive numbers move the frame up, and negative numbers move the frame down. You can also drag the frame to a new

Sets the distance between the frame and the text column. Zero aligns the edge of the frame with the edge of the text column, positive numbers move the frame away from the column, and negative numbers move the frame into the column. You can also drag the frame to a new location.

If part of the frame is in the column, the text doesn't adjust to accommodate the frame. If you don't want the frame to obscure text, change the paragraph indents in the ruler or in the Basic properties of the Paragraph Designer.

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## GRAPHICS

## Anchored Frame

## Size

Sets the width and height of the anchored frame. You can also resize an anchored frame with the mouse.

## API APPLICATIONS

## Introduction

Frame Technology provides tools to outside developers so they can link their own software applications to FrameMaker. This linking is achieved using a component of the Frame Development Kit called the Frame Application Program Interface (API).

If API applications or commands are installed for FrameMaker, they may be listed here.
To get help on an API application, click an item in the list below.

## API Commands:

## IMPORTING GRAPHICS AND TEXT

## Introduction

You can import graphics and text files into FrameMaker documents.
Help on importing graphics and text
For information on importing graphics and text, click an item in the topic list
Introduction
Import File
Imported Graphic
Scaling
Paste Special
Reading Text File

The Import File dialog box is where you choose a file to import.
The Imported Graphic Scaling dialog box scales imported graphics files.
The Paste Special dialog box pastes objects from the clipboard that use a specific format such as OLE.
The Reading Text File dialog box contains options for importing text files.

## IMPORTING GRAPHICS AND TEXT

## Import File

## File menu > Import > File

Dialog box where you specify a graphics or text file to import into your document.

File Specifies the name of the file to import. Select the file from the scroll list.

If you specify a bitmapped file, the Imported Graphic Scaling dialog box appears when you click Import.
If you specify a text file, the Reading Text File dialog box appears when you click Import.

List files of type Restricts the type of files that appear in the scroll list. You can show all files, files with a .doc extension, or files with a .mif extension.

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## IMPORTING GRAPHICS AND TEXT

## Import File (continued)

## Directories

Drives
Import by Reference

Specifies which directory is current.
Specifies which disk is current.
Imports a graphic file by reference. You cannot import text files by reference, so this setting is ignored when you import a text file.

A file imported by reference is not stored in the document. FrameMaker stores only the pathname of the file in the document. Whenever possible, FrameMaker stores a relative pathname (starting from the document's folder), not an absolute pathname (starting from the root directory).

The graphic is retrieved and displayed whenever you open the document or redisplay the page on which the graphic appears. Importing by reference helps keep the size of documents to a minimum and can reduce the amount of time required to save the document.

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IMPORTING GRAPHICS AND TEXT

## Import File (continued)

## Copy into

Document

Copies a graphic file into the document. When you import a text file, the text is always copied into the document.

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## IMPORTING GRAPHICS AND TEXT

## Imported Graphic Scaling

Dialog box where you specify the scale of an imported image. This dialog box appears when you import an image file using the Import File dialog box.

Fit in Selected Rectangle

Scales the image to fit in a selected rectangle.

Scales the image to commonly used scaling values in dots per inch (dpi). The resulting dimensions of the graphic appear next to each dpi setting. For best printed results, choose a dpi value that divides evenly into your printer's resolution. The larger the dpi value, the smaller the graphic appears.

Custom dpi Scales the image to the dpi value you type in the text box.

Pixel Dimensions Displays the width and height of the graphic in pixels.

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## IMPORTING GRAPHICS AND TEXT

## Paste Special

## Edit menu > Paste Special

Dialog box where you paste the Clipboard's contents into a document, using the specified format.

Use this command to paste an OLE object from another application that supports copying OLE objects to the Clipboard.

Format
Specifies the format to use for the object you will paste. The formats listed depend on the contents of the Clipboard. If the Clipboard contains an OLE object, the OLE format will appear in this list.

The formats that can appear in the list are OLE, META, DIB, BMP, MIF, RTF, and TEXT.

Introduction

## Import File

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## IMPORTING GRAPHICS AND TEXT

## Reading Text File

Dialog box where you specify how text should be imported. This dialog box appears when you import a text file using the Import File dialog box.

Merge Lines into Paragraphs

Treat Each Line As a Paragraph

Convert to Table

Merges consecutive lines into a single paragraph. Interprets a blank line as a paragraph break.

Makes each line a paragraph in the FrameMaker document. Use this command to import a lineoriented text file (such as a C program) where you pressed Return to end each line.

Opens the Convert to Table dialog box where you convert the text file to a table.

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## SHORTCUTS: COLOR

## Color selection

Color selection

| To | Use this shortcut |
| :--- | :--- |
| Keep color selected after use | Press Shift and choose a <br> color from Color pop-up <br> menu |
| Assign color to all objects in document | Press Alt-Shift and <br> choose a color from Color <br> pop-up menu |
|  |  |

## SHORTCUTS: COLOR

## Color views

Color selection
Color views

To
Choose view number (1, 2, 3, 4, 5 , or 6 ) from Define Color Views dialog box

Use this shortcut
Press Alt-Ctrl-v and type the number

## SHORTCUTS: WINDOWS AND DIALOG BOXES Document windows

To use these shortcuts, click in any FrameMaker document window.

| To | Use this shortcut |
| :--- | :--- |
| Redisplay the document | Ctrl-l (lowercase L), <br> Esc w r |
| Close the active modeless dialog box, or the <br> application window | Alt-F4 |
| Close the document window | Esc f c, Esc w c, <br>  <br> Ctrl-F4 |

Document windows
Pointer placement
Focus control
Activation and cancellation

Buttons and checkboxes

Pop-up menus
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## SHORTCUTS: WINDOWS AND DIALOG BOXES

Document windows

## Pointer placement

Use these shortcuts to display a window and make it active.

| To display this window and make it active | Use this shortcut |
| :--- | :--- |
| Current document | Esc F i d, Shift-F7 |
| Find/Change | Esc F i f |
| Marker | Esc F i m |
| Spelling Checker | Esc F i s |
| Paragraph Designer | Esc F i p |
| Character Designer | Esc F i c |
| Conditional Text | Esc F i o |
| Custom Ruling and Shading | Esc F i r |
| Table Designer | Esc F i t |

Pointer placement
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## SHORTCUTS: WINDOWS AND DIALOG BOXES <br> Focus control

Use these shortcuts for dialog boxes and windows. When using a keyboard shortcut in a dialog box, the effect depends on which setting is currently active. The active setting has a box around it.

| To make | Use this shortcut |
| :--- | :--- |
| Next setting active | Tab |
| Previous setting active | Shift-Tab |

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Document windows

## Activation and cancellation

| To | Use this shortcut |
| :--- | :--- |
| Click the default button | Return |
| Click the active button | space |
| Cancel a dialog box (but not a window) | Esc |

Focus control
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SHORTCUTS: WINDOWS AND DIALOG BOXES
Document windows
Buttons and checkboxes
To Use this shortcut
Navigate through a group of radio buttons to turn Arrow keys a radio button on

Cycle through checkbox states (off, on, As Is) space
Pointer placement
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## SHORTCUTS: WINDOWS AND DIALOG BOXES Pop-up menus

| To | Use this shortcut |
| :--- | :--- |
| Move focus up or down list of items | Up Arrow or Down Arrow |
| Search forward for an item starting with a typed | Unshifted key |
| letter |  |

Document windows
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SHORTCUTS: WINDOWS AND DIALOG BOXES
Document windows

## Scroll lists

| To | Use this shortcut |
| :--- | :--- |
| Select previous or next item in list | Up Arrow or Down Arrow |
| Select item | space |
| Search forward and select item starting with <br> typed letter | Unshifted key |
| Move item in scroll list to opposite scroll list | Double-click the item |
| Move all items in scroll list to opposite <br> scroll list | Press Shift and click <br> arrow between scroll lists |

Pointer placement
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## SHORTCUTS: DOCUMENT DESIGN

## Master and reference pages

## To <br> Use this shortcut

Rename master or reference page (display the Esc p N master or reference page before using this shortcut)

Create master page (display a body or master
Esc p m page before using this shortcut)

Master and reference pages
Page layout and text columns

Import formats
Text flows

## SHORTCUTS: DOCUMENT DESIGN <br> Page layout and text columns

| To | Use this shortcut |
| :--- | :--- |
| Update page layouts (display a body page <br> before using this shortcut) | Esc p u |
| Replace text columns with different number of <br> text columns | Esc C r | text columns

## SHORTCUTS: DOCUMENT DESIGN

## Import formats

| To | Use this shortcut |
| :--- | :--- |
| Import formats from another document | Esc f i 0 |

Import formats from another document

Master and reference pages
Page layout and text columns

Import formats
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## SHORTCUTS: DOCUMENT DESIGN

## Text flows

| To | Use this shortcut |
| :--- | :--- |
| Split current column below insertion point | Esc C S |
| Split current column to the right of insertion point | Esc C R |
| Split current column into lines | Esc C L |
| Disconnect selected column from previous <br> column in flow | Esc C P |
| Disconnect selected column from next column in <br> flow | Esc C N |
| Disconnect selected column from both previous | Esc C B |
| and next column |  |
| Connect two selected columns | Esc C C |

Master and reference pages

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## SHORTCUTS: DOCUMENTS <br> Help

| To | Use this shortcut |
| :--- | :--- |
| Display Help | Esc f h, Esc ? m, or F1 |
| Activate context-sensitive help pointer | Shift-F1 |
| Display information on using Help | Esc ? h |
| Display help on keyboard shortcuts | Esc ? k |
| Display help on using a document window | Esc ? w |
| Display help on using the templates provided <br> with FrameMaker | Ctrl-n and click Explore <br> Standard Templates |

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## SHORTCUTS: DOCUMENTS

## Open

To open
MIF or MML file as text file

Document in book file

All files in book (with a book window active)

## Use this shortcut

Press Ctrl and click Open in the Open dialog box
Double-click the filename in the book window

Esc f O (uppercase o) or press Shift and choose Open All Files in Book from the File menu

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## SHORTCUTS: DOCUMENTS

## Save and Close

To Use this shortcut

Display the Save Document dialog box
Esc fa

| Save document or book | Esc f s, Ctrl-s |
| :--- | :--- |
| Save all open files (with a document window Esc f S or press Shift <br> active) and choose Save All Open <br>  Files from the File menu |  |

Save all open files in book (with a book window active)

Esc f S or press Shift and choose Save All Files in Book from the File menu

Close all open files (with a document window active)

Esc f C or press Shift and choose Close All Open Files from the File menu

Close all open files in book (with a book window active)

Esc f C or press Shift and choose Close All Files in Book from the File menu

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## SHORTCUTS: DOCUMENTS <br> Cancel and Undo

| To | Use this shortcut |
| :--- | :--- |
| Cancel some FrameMaker commands | Esc |
| Undo some FrameMaker commands | Esc e u, Ctrl-z, |
|  | Alt-Backspace |

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SHORTCUTS: DOCUMENTS
Document navigation

| To display | Use this shortcut |
| :--- | :--- |
| Previous page | Esc p p, Pg Up |
| Next page | Esc p n, Pg Dn |
| First page | Esc p f, Alt-Pg Up, or <br> press Shift and click the <br> Previous Page button |
| Last page | Esc p l (lowercase L), <br> Alt-Pg Dn, or press Shift <br> and click the Next Page <br> button |
| Go To dialog box | Esc v p, Ctrl-g |

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To
Use this shortcut
Redisplay document
Esc w r, Ctrl-l (lowercase L)

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SHORTCUTS: DOCUMENTS

## Zoom

| To zoom | Use this shortcut |
| :--- | :--- |
| In one zoom setting | Esc z i |
| Out one zoom setting | Esc z o |
| To fit page in window | Esc z p |
| To fit window to page | Esc z w |
| To 100 percent | Esc z z |

Help
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## SHORTCUTS: DOCUMENTS

## Freeze pagination

## To

Use this shortcut
Display the Freeze Pagination or Unfreeze Esc p z Pagination dialog box

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## SHORTCUTS: DOCUMENTS

View only

| To | Use this shortcut |
| :--- | :--- |
| Go to previous location on the hypertext stack | Esc v P |
| Go to next location on the hypertext stack | Esc v N |
| Change document from View Only format to <br> Normal format or from Normal format to View <br> Only format | Esc F l k (lowercase L) |

Help
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Cancel and Undo
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View only

## SHORTCUTS: DOCUMENT UTILITIES

## Spelling Checker

## To Use this shortcut

Check selected text or word containing insertion Esc l (lowercase L) s point

| Check entire document | Esc lllowercase L) e |
| :--- | :--- |
| Check current page | Esc llowercase L) p |
| Correct word | Esc l (lowercase L) c w |
| Add word to personal dictionary (Learn word) | Esc l (lowercase L) a p |
| Add word to document dictionary | Esc l (lowercase L) a d |
| Add word to automatic corrections | Esc l (lowercase L) a c |
| Delete word from personal dictionary (Unlearn <br> word) | Esc l (lowercase L) x p |
| Delete word from document dictionary | Esc l (lowercase L) x d |
| Clear automatic corrections | Esc l (lowercase L) c a |
| Display Spelling Checker Options dialog box | Esc l (lowercase L) o |
| Display Dictionary Functions dialog box | Esc l (lowercase L)c d |

Spelling Checker Thesaurus

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SHORTCUTS: DOCUMENT UTILITIES

## Spelling Checker (continued)

| To | Use this shortcut |
| :--- | :--- |
| Create file of unknown words | Esc l (lowercase L) b |
| Mark all paragraphs for rechecking | Esc l (lowercase L) r |
| Show hyphenation of word | Esc l (lowercase L) <br> hyphen |
| Suppress hyphenation of word | Esc n s |
| Rehyphenate document | Esc l (lowercase L) R |
| Replace questioned word | Double-click word in <br> Correction scroll list in <br> Spelling Checker window |

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## SHORTCUTS: DOCUMENT UTILITIES

## Thesaurus

To use this shortcut, make the document window active, not the Thesaurus window.

| To | Use this shortcut |
| :--- | :--- |
| Replace selection with Thesaurus selection | Esc T r |

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SHORTCUTS: DOCUMENT UTILITIES

## Find/Change

| To | Use this shortcut |
| :--- | :--- |
| Search forward | Esc fin, Ctrl-Shift-f |
| Search backward | Esc f i p, Alt-Ctrl-f |
| Change current selection | Esc r o |
| Change all occurrences of Find text in <br> document | Esc r g |
| Change and search again | Esc r a |
| Change settings to As Is in the Find Character <br> Format and Change to Character Format dialog <br> boxes | Shift-F8 |
| Change settings to match selected text in the <br> Find Character Format and Change to Character <br> Format dialog boxes | Shift-F9 |
| Display Set Find/Change Parameters dialog <br> box | Esc firs |

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SHORTCUTS: DOCUMENT UTILITIES

## Document comparison

| To | Use this shortcut |
| :--- | :--- |
| Display Document Comparison dialog box | Esc f f c |

Spelling Checker
Thesaurus
Find/Change
Document comparison

Document report
Custom menus

SHORTCUTS: DOCUMENT UTILITIES

## Document report

Use this shortcut
Display Document Report dialog box

Spelling Checker
Thesaurus
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SHORTCUTS: DOCUMENT UTILITIES

## Custom menus

| To | Use this shortcut |
| :--- | :--- |
| Display a custom menu bar | Esc $v \mathrm{~m} \mathrm{u}$ |

Spelling Checker
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## FRAMEMAKER HELP

## Keyboard Shortcuts

Click a main topic in the menu below.
Then click a subtopic in the list on the right.
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Windows and dialog boxes
Text
Text formats
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Graphics
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## FRAMEMAKER HELP

Keys

## Keyboard Shortcuts

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## FRAMEMAKER HELP

## Keyboard Shortcuts

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## FRAMEMAKER HELP

Document windows

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## FRAMEMAKER HELP

## Keyboard Shortcuts

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## FRAMEMAKER HELP

## Keyboard Shortcuts

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Paragraph Designers
Paragraph formats
Character formats

## FRAMEMAKER HELP

## Keyboard Shortcuts

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Tab characters in cells

Row and column addition/deletion

Row and column replacement

Vertical alignment in cells

Column width
Table Designer
Table formats

## FRAMEMAKER HELP

## Keyboard Shortcuts

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## Keyboard Shortcuts

Color selection

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Documents
Windows and dialog boxes
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## FRAMEMAKER HELP

## Keyboard Shortcuts

Click a main topic in the menu below.
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Master and reference pages
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## FRAMEMAKER HELP

## Keyboard Shortcuts

Click a main topic in the menu below.
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## Keyboard Shortcuts

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## Keyboard Shortcuts

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Then click a subtopic in the list on the right.
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## FRAMEMAKER HELP

## Keyboard Shortcuts

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## SHORTCUTS: CONVENTIONS AND FUNCTION KEYS Keys

To use keyboard shortcuts, Caps Lock must be turned off and, unless otherwise noted, a document window must be active.

The following table defines the Help notation for special keys.

| This notation | Means |
| :--- | :--- |
| Arrow | One of the keys labeled $\leftarrow, \rightarrow, \uparrow$, and $\downarrow$. |
| Esc | The key labeled Esc. |
| Ctrl | The key labeled Ctrl or control. |
| Alt | The key labeled Alt. |
| Shift | The key labeled Shift. |
| F2 | The function key labeled F2. (If you are to type F <br> followed by 2, the characters are shown as F <br>  <br> space |
| minus or hyphen | The space bar. |
| period | The key labeled with a hyphen ( - ). |

Index
Shortcuts $1 / 4$

More Done

## SHORTCUTS: CONVENTIONS AND FUNCTION KEYS

Keys
Shortcuts
Keys (continued)

| This notation | Means |
| :--- | :--- |
| comma | The key labeled with a comma (,). |
| zero | The key labeled with the numeral 0. |
| one | The key labeled with the numeral 1. |
| $l$ | The unshifted L key. |

## SHORTCUTS: CONVENTIONS AND FUNCTION KEYS

Keys

## Shortcuts

The following table shows examples of the keys you press for given shortcut entries.

| This shortcut | Means |
| :--- | :--- |
| Esc T r | Press Esc, then type T and $r$ in succession. |
| Ctrl-e | Hold down Control and type the letter e. |
| Shift-Ctrl- | Hold down Shift and Control and type a <br> hyphen |
| Ctrl-n, You can use either Ctrl-n or Shift-Down <br> Shift-Down Arrow Arrow to accomplish the same thing. |  |


| SHORTCUTS: CONVENTIONS AND FUNCTION KEYS | Keys <br> Shortcuts |
| :--- | :--- |
| MOUSE | Mouse <br> Function keys |

This notation Means
Click Click the left mouse button.
Right-click Click the right mouse button.

Double-click $\quad$| Click the left mouse button twice rapidly without |
| :--- |
| moving the mouse. | moving the mouse.

| Triple-click | Click the left mouse button three times rapidly <br> without moving the mouse |
| :--- | :--- |
| Shift-click | Hold down the Shift key and click the left mouse <br> button. |

## SHORTCUTS: CONVENTIONS AND FUNCTION KEYS

## Function keys

The following table lists function key assignments. Some keys change function when used with Alt, Ctrl, Shift, or a combination.

Keys
Shortcuts
Mouse
Function keys

| Key | Function | Ctrl | Shift | Alt |
| :--- | :--- | :--- | :--- | :--- |
| F1 | Help | Align top | Context- <br> sensitive help |  |
| F2 | Plain text | Align middle |  |  |
| F3 | Underline | Align bottom | Overline |  |
| F4 | Bold |  | Cascade <br> windows | Exit |
| F5 | Italic |  | Tile windows |  |
| F6 |  |  | Point on <br> document <br> window |  |
| F7 |  |  |  |  |

## SHORTCUTS: CONVENTIONS AND FUNCTION KEYS

Keys
Function keys (continued)

| Key | Function | CtrI | Shift | Alt |
| :--- | :--- | :--- | :--- | :--- |
| F8 | Change character <br> format using Tag <br> area |  | Change |  |
| F9 |  | Change paragraph <br> format using Tag to As <br> area | Transpose | characters | | Change |
| :--- |
|  |

Shortcuts
Mouse
Function keys

## SHORTCUTS: GRAPHICS

## Drawing tools

| To select this tool | Use this shortcut |
| :--- | :--- |
| Arc | Esc one a |
| Frame | Esc one m |
| Freehand | Esc one f |
| Last tool selected | Esc one one |
| Line | Esc one l (lowercase L) |
| Object Selection | Esc one o |
| Oval | Esc one e |
| Polygon | Esc one p g |
| Polyline | Esc one p l (lowercase L) |
| Rectangle | Esc one r |
| Rounded Rectangle | Esc one R |
| Smart Selection | Esc one s |
| Text Column | Esc one t c |
| Text Line | Esc one t l (lowercase L) |

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SHORTCUTS: GRAPHICS
Drawing tools (continued)

| To draw | Use this shortcut |
| :--- | :--- |
| Vertical, horizontal, or diagonal line | Press Shift and draw a <br> line |
| Square | Press Shift and draw a <br> rectangle |
| Circle | Press Shift and draw an <br> oval |
| Circular arc | Press Shift and draw an <br> arc |

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## SHORTCUTS: GRAPHICS <br> Tool usage

| To | Use this shortcut |
| :--- | :--- |
| Keep tool active after use | Press Shift and click <br> drawing tool |
| Return to Object Selection tool after drawing | Press Shift and click <br> Object Selection tool |
| Display Tools palette | Esc one w, Esc g T |

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## SHORTCUTS: GRAPHICS

## Object selection

| Use these shortcuts to select objects on the current page. <br> To | Use this shortcut  <br> Select text line or column Press Ctrl and click text <br> line or column <br> Extend selection Press Shift and click <br> object <br> Force selection border to appear Press Ctrl and draw <br> selection border with the <br> right mouse button <br> Select the first object in the draw order Esc o F <br> Select the next object in the draw order Esc o n <br> Extend the selection to the next object in the Esc o e <br> draw order  |
| :--- | :--- |

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## SHORTCUTS: GRAPHICS

## Fill patterns

In these shortcuts, the notation first fill pattern, last fill pattern, next fill pattern, and previous fill pattern refer to positions in the fill area.
To change to Use this shortcut

| First fill pattern (black) | Esc zero f |
| :--- | :--- |
| Last fill pattern (none) | Esc 9 f |
| Next fill pattern (if at the last pattern, this does <br> nothing) | Esc +f |

Previous fill pattern (if at the first pattern, this Esc minus $f$ does nothing)

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## SHORTCUTS: GRAPHICS

## Pen patterns

In these shortcuts, the notation first pen pattern, last pen pattern, next pen pattern, and previous pen pattern refer to positions in the pen area.

To change to
Use this shortcut

| First pen pattern (black) | Esc zero p |
| :--- | :--- |
| Last pen pattern (none) | Esc 9 p |
| Next pen pattern | Esc +p |
| Previous pen pattern | Esc minus p |

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## SHORTCUTS: GRAPHICS

## Line widths

In these shortcuts, the notation next line width and previous line width refer to positions in the line-width area.

| To change to | Use this shortcut |
| :--- | :--- |
| Thinnest line width | Esc zero w |
| Thickest line width | Esc 9 w |
| Next line width | Esc +w |
| Previous line width | Esc minus w |

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## SHORTCUTS: GRAPHICS

## Dash patterns

In these shortcuts, the notation first dash pattern, last dash pattern, next dash pattern, and previous dash pattern refer to positions in the Dashed Line Options dialog box.

To change the pattern on an object, select the pattern from the Dash area. To

Use this shortcut
Change pattern in dash area to first dash pattern Esc zero d
Change pattern in dash area to last dash pattern Esc 9 d
Change pattern in dash area to next dash Esc +d pattern
Change pattern in dash area to previous dash Esc minus d pattern
Display Dashed Line Options dialog box
Esc one di
Change dash pattern of object to solid Esc one d s
Change dash pattern of object to dashed

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## SHORTCUTS: GRAPHICS

## Object manipulation

| To | Use this shortcut |
| :--- | :--- |
| Move object horizontally or vertically | Press Shift and drag <br> object |
| Maintain object's proportions while resizing | Press Shift and drag <br> corner handle |
| Move control point horizontally or vertically | Press Shift and drag <br> control point |
| Change curve on only one side of reshape <br> handle (crimp curve) | Drag control point with the <br> right mouse button |
| Quick-copy selected object | Press Alt and drag object |
| Turn display of graphics off and on | Esc v v |
| Display reshape handle and control points for <br> selected line, polyline, polygon, or freehand <br> curve | Esc g r, Ctrl-r |

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## SHORTCUTS: GRAPHICS

## Object manipulation (continued)

| To | Use this shortcut |
| :--- | :--- |
| Add reshape handle and control points | Press Ctrl and click a line, <br> polyline, polygon, or <br> freehand curve |
| Delete reshape handle | Press Ctrl and click the <br> reshape handle |
| Display properties of currently selected object | Esc g O (uppercase o) <br> or press Shift and |
| in the Tools palette | choose Pick up Object <br> Properties from Graphics <br> menu |

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## SHORTCUTS: GRAPHICS

## Object movement

Use these shortcuts to move selected objects.

| To move object | Use this shortcut |
| :--- | :--- |
| One point in specified direction (at 100 percent | Alt-arrow key |
| zoom setting) |  |
| Six points in specified direction (at 100 percent | Alt-Shift-arrow key |
| zoom setting) |  |

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## SHORTCUTS: GRAPHICS

## Object alignment

| If only one object is selected, the object is aligned in a frame or on a page. <br> To align along <br> Use this shortcut <br> Tops <br> Top/bottom centers <br> Esc $j$ t, Ctrl-F1 <br> Bottoms <br> Esc $j$ m, Ctrl-F2 <br> Left/right centers <br> Right sides <br> Esc $j$ b, Ctrl-F3$\quad$ Esc $j$ l (lowercase L) |
| :--- |

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## SHORTCUTS: GRAPHICS

## Object rotation

| To | Use this shortcut |
| :--- | :--- |
| Rotate 90 degrees clockwise | Esc $9+$ |
| Rotate 90 degrees counterclockwise | Esc 9 minus |
| Rotate precisely using the Rotate Selected <br> Objects dialog box | Esc 9 t |
| Rotate again | Esc 9 x |
| Return object to natural orientation <br> (zero degrees) | Esc 9 zero |
| Rerotate object from its natural orientation to <br> previous orientation | Esc 9 one |
| Set the current position of a polyline, polygon, or <br> Bezier curve as the natural orientation | Esc 9 9 |
| Rotate object arbitrarily | Press Alt and drag a <br> corner or reshape handle |
| Constrain rotation to 45 degree increments | Press Alt-Shift and drag <br> a corner or reshape handle |

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SHORTCUTS: GRAPHICS

## Object rotation (continued)

| To | Use this shortcut |
| :--- | :--- |
| Rotate page clockwise | Esc p O (uppercase o) |
| Rotate page counterclockwise | Esc p O |
| Unrotate page | Esc p U |

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## SHORTCUTS: GRAPHICS

## Frames

| To | Use this shortcut |
| :--- | :--- |
| Shrink-wrap anchored frame (shrinks frame to <br> object) | Esc m p |
| Unwrap anchored frame (enlarges frame) | Esc m e |
| Rename reference frame (display reference <br> page before using this shortcut) | Click frame name in status <br> bar |

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## SHORTCUTS: GRAPHICS

## OLE objects

| To | Use this shortcut |
| :--- | :--- |
| Edit an OLE object | Double-click the object |

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## Marker insertion

Variable insertion

| To | Use this shortcut |
| :--- | :--- |
| Insert marker | Esc m k |

Insert variable by typing the first characters of its Esc q v, Ctrl-zero name and pressing Return

## SHORTCUTS: CONDITIONAL TEXT

## Conditional text display

| To | Use this shortcut |
| :--- | :--- |
| Display Show/Hide Conditional Text dialog box | Esc v C |
| Turn format overrides on or off | Esc v O (uppercase o) |
| Select all text around insertion point that has the <br> same condition tags | Esc h C |

Conditional text display

Conditional text window

Condition tags

## SHORTCUTS: CONDITIONAL TEXT

## Conditional text window

To use these shortcuts, click in the Conditional Text window.

| To | Use this shortcut |
| :---: | :---: |
| Move all condition tags to As Is scroll list | Shift-F8 |
| Change scroll lists to match condition tag settings of selected text | Shift-F9 |
| Move condition tag between In and Not In scroll lists | Double-click the tag |
| Move condition tag from As Is to In scroll list | Double-click the tag in the As Is scroll list |

Conditional text display

Conditional text window

Condition tags

## SHORTCUTS: CONDITIONAL TEXT

## Condition tags

Use these shortcuts to change the condition tag settings of selected text or table rows.

Conditional text display

Conditional text window

To
Use this shortcut
Apply condition tag to selected text by typing the Ctrl-4, Esc q C first characters of the tag and pressing Return
Remove condition tag from selected text by
Ctrl-5, Esc q D typing the first characters of the tag and pressing Return

Make selected text unconditional

SHORTCUTS: EQUATIONS

## Equations pop-up menu

| Command | Shortcut |
| :--- | :--- |
| New Small Equation | Esc m s |
| New Medium Equation | Esc m m |
| New Large Equation | Esc m l (lowercase L) |
| Shrink-Wrap Equation | Esc m p |
| Unwrap Equation | Esc m e |
| Equation Sizes | Esc p e |
| Equation Fonts | Esc m f |
| Insert Math Element | Esc m c |
| Add Definition to Catalog | Esc m U |

## SHORTCUTS: EQUATIONS

## Symbols page

## Greek letters

Press Return to end the backslash sequence shown in the third column.

| Element | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $\alpha$ | Alt-Ctrl-a | \alpha |
| $\beta$ | Alt-Ctrl-b | lbeta |
| $\Gamma$ | Alt-Ctrl-Shift-g | \Gamma |
| $\gamma$ | Alt-Ctrl-g | \gamma |
| $\Delta$ | Alt-Ctrl-Shift-d | \Delta |
| $\delta$ | Alt-Ctrl-d | \delta |
| $\varepsilon$ | Alt-Ctrl-e | \epsilon |
| $\bar{\eta}$ | Alt-Ctrl-z | \zeta |
| $\Theta$ | Alt-Ctrl-h | \eta |
| $\boldsymbol{\eta}$ | Alt-Ctrl-Shift-q | \Theta |

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## SHORTCUTS: EQUATIONS

## Symbols page (continued)

## Greek letters (continued)

| Element | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $\vartheta$ | Alt-Ctrl-Shift-j | \vartheta |
| t | Alt-Ctrl-i | \iota |
| $\kappa$ | Alt-Ctrl-k | $\backslash$ kappa |
| $\bar{\Lambda}$ | Alt-Ctrl-Shift-l (L) | \Lambda |
| $\bar{\lambda}$ | Alt-Ctrl-1 (lowercase L) | $\backslash$ lambda |
| $\mu$ | Alt-Ctrl-m | $\backslash \mathrm{mu}$ |
| $v$ | Alt-Ctrl-n | $\backslash \mathrm{nu}$ |
| $\Xi$ | Alt-Ctrl-Shift-x | $\backslash \mathrm{Xi}$ |
| $\xi$ | Alt-Ctrl-x | \xi |
| $\bar{\Pi}$ | Alt-Ctrl-Shift-p | $\ \mathrm{Pi}$ |
| $\pi$ | Alt-Ctrl-p | \pi |
| $\rho$ | Alt-Ctrl-r | $\backslash$ rho |
| $\bar{\Sigma}$ | Alt-Ctrl-Shift-s | \Sigma |

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## SHORTCUTS: EQUATIONS

## Symbols page (continued)

## Greek letters (continued)

| Element | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $\sigma$ | Alt-Ctrl-s | \sigma |
| $\checkmark$ | Alt-Ctrl-Shift-e | \varsigma |
| $\tau$ | Alt-Ctrl-t | \tau |
| $\bigcirc$ | Alt-Ctrl-Shift-u | \Upsilon |
| v | Alt-Ctrl-u | \upsilon |
| $\Phi$ | Alt-Ctrl-Shift-f | $\backslash$ Phi |
| $\phi$ | Alt-Ctrl-f | $\backslash \mathrm{phi}$ |
| $\varphi$ | Alt-Ctrl-j | \varphi |
| $\chi$ | Alt-Ctrl-c | \chi |
| $\Psi$ | Alt-Ctrl-Shift-y | $\backslash$ Psi |
| $\psi$ | Alt-Ctrl-y | $\backslash \mathrm{psi}$ |
| $\bar{\Omega}$ | Alt-Ctrl-Shift-o | \omega |
| $\omega$ | Alt-Ctrl-o | \omega |

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## SHORTCUTS: EQUATIONS

## Symbols page (continued)

## Greek letters (continued)

| Element |
| :--- |
| $\bar{\varpi}$ |
| $\partial$ |
| Other special symbols |

Press Return to end the backslash sequence shown in the third column.

| Element | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $\infty$ | Alt-Ctrl-one | $\backslash$ infty |
| $\perp$ | Alt-Ctrl-2 | $\backslash$ bot |
| $\cdots$ | Ctrl-g period | $\backslash$ ldots |
| $\aleph$ | Alt-Ctrl-3 | $\backslash$ aleph |
| $\Im$ | Alt-Ctrl-4 | $\backslash$ Im |
| $\Re$ | Ctrl-m \$ | $\backslash \operatorname{Re}$ |
| $\wp$ | Alt-Ctrl-5 | $\backslash$ wp |
| $\varnothing$ | Alt-Ctrl-zero | $\backslash$ emptyset |

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## SHORTCUTS: EQUATIONS

## Symbols page (continued)

Other special symbols (continued)
Press Return to end the backslash sequence shown in the third column.

| Element | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $\nabla$ | Alt-Ctrl-6 | \nabla |
|  | Ctrl-m ) | \degree |
| $"$ | Alt-Ctrl-' | $\backslash$ prime |
| Strings | Ctrl-m " | \pprime |
| Command | Shortcut | Backslash sequence |
| Start String | $\prime$ or " |  |
| End String | Return |  |

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SHORTCUTS: EQUATIONS

## Symbols page (continued)

## Diacritical marks

| Element | Shortcut |
| :--- | :--- |
| $\mathrm{x}^{\prime}$ | $\quad$ |
| $\tilde{x}$ | $\sim$ (tilde) |
| $\bar{x}$ | Ctrl-g hyphen |
| $\vec{x}$ | Alt-Ctrl-Shift-v |
| $\bar{x}$ | Ctrl-g $^{\wedge}$ |
| $\dot{x}$ | period |
| $x$ | Ctrl-g ~ (tilde) |
| $\bar{x}$ | Ctrl-g _(underline) |
| $\vec{x}$ | Ctrl-g Right Arrow |
| $\widetilde{x}$ | Ctrl-g @ |

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## SHORTCUTS: EQUATIONS

## Operators page

Press Return to end the backslash sequence shown in the third column.

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $?+$ ? | plus | \plus |
| ?-? | minus (after an operand) |  |
| ? $\times$ ? | Ctrl-m * (asterisk) | $\backslash \mathrm{cross}$ |
| ? $\cdot$ ? | Ctrl-m period | $\backslash$ cdot |
| ? $\cdot$ ? | Ctrl-8 | \bullet |
| Toggle Format | Ctrl-Shift-t |  |
| ? / ? | Alt-Ctrl-/ | $\backslash$ fract |
| ? $\div$ ? | Ctrl-m / | \div |
| $\frac{?}{?}$ | / | \over |
| $?=$ ? | = | \equal |
| $=$ ? | Ctrl-9 = | \uequal |

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## Operators page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| ? $\bigcirc$ ? | Ctrl-j | \jotdot |
| ?, ? | comma | \comma |
| ? $\otimes$ ? | Ctrl-q D | \otimes |
| ? $\oplus$ ? | Ctrl-q E | \oplus |
| ? ^? | Ctrl-q Y | \wedge |
| ? $\vee$ ? | Ctrl-q Z | \vee |
| $? \cap$ ? | Ctrl-m i | \cap |
| ? $\cup$ ? | Ctrl-m u | \cup |
| ,? | Ctrl-m comma | \ucomma |
| ;? | ; | \semicolon |
| $\neg$ ? | Ctrl-m n | $\backslash$ neg |
| -? | Ctrl-hyphen | $\backslash$ minus |
| 干? | Ctrl-m one | $\backslash \mathrm{mp}$ |

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## SHORTCUTS: EQUATIONS

## Operators page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $\pm$ ? | Ctrl-q one | \pm |
| $\bar{\nabla}$ ? | Ctrl-q Q | \grad |
| $\bar{\nabla}$ ? $?$ | $\begin{aligned} & \text { Ctrl-q Q } \\ & \text { (and add operand) } \end{aligned}$ |  |
| $\Delta$ ? | Ctrl-m Ctrl-d | \change |
| $\square$ ? | Ctrl-m x | $\backslash \mathrm{box}$ |
| $\square \cdot$ ? | Ctrl-m | $\backslash$.boxdot |
| $\square \square^{2}$ ? | Ctrl-m 2 | $\backslash \mathrm{box} 2$ |
| $\forall$ ? | Ctrl-m a | \forall |
| ヨ? | Ctrl-m e | \exist |
| $\therefore$ ? | Ctrl-m t | \therefore |
| ? | Ctrl-a, Esc m v l (lowercase L) | \atop |

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## SHORTCUTS: EQUATIONS

## Operators page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| ? ? | Ctrl-m ; (semicolon), Esc m h l (lowercase L) | \list |
| ?? | * (asterisk) | \times |
| ? ${ }^{\text {P }}$ | Ctrl-g \| | \abs |
| ? ${ }^{\text {? }}$ (superscript) | Esc m ${ }^{\wedge}$ |  |
| ?? | Esc m Ctrl-Shift(underline) |  |
| $?$ ? | Ctrl-m Ctrl-Shift-^ |  |
| ?? | ```Ctrl-m Ctrl-Shift- (underline)``` |  |
| $\sqrt{\text { ? }}$ | Ctrl-r | \sqrt |
| $\sqrt[?]{\text { ? }}$ | Ctrl-r <br> (and add operand) |  |
| ? $\times 10$ ? | Ctrl-Shift-e | $\backslash$ sn |

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## SHORTCUTS: EQUATIONS

Operators page (continued)

| Element or command | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $?^{?}($ exponent $)$ | $\wedge$ | \power |
| $?^{\dagger}$ | Ctrl-m d | \dagger |
| $?!$ | $!$ | $\backslash$ fact |
| $?^{*}$ | Ctrl-m s | \ast |
| $\angle ?$ | Ctrl-q P | \angle |

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## SHORTCUTS: EQUATIONS <br> Large page

Press Return to end the backslash sequence shown in the third column.
Use these shortcuts to type each element on the Large page with only one operand. Then use Add Operand and Toggle Format as needed.

| Element or command | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $\sum ?$ | Ctrl-Shift-s | \sum |
| $\prod ?$ | Ctrl-Shift-p | \prod |
| $\int ?$ | Ctrl-i | \int |
| $\oint ?$ | Ctrl-Shift-i | \oint |
| $\bigcap ?$ | Ctrl-m I |  |
| U? | Ctrl-m U | \bigcap |
| Add Operand | Ctrl-Shift-n, Esc m n |  |
| Toggle Format | Ctrl-Shift-t |  |

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## SHORTCUTS: EQUATIONS

## Delimiters page

Press Return to end the backslash sequence shown in the third column.

| Element or command | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $(?)$ | $($ | id |
| $[?]$ | $[$ |  |
| $\{?\}$ | $\{$ |  |
| $? \mid$ | $\mid$ | Csubstitution |
| $\langle ?\rangle$ | Ctrl-m < | Ctrl-g |
| $? ? \mid ?$ | Ctrl-m |  |
| $[?$ | Ctrl-m [angle |  |
| $[?$ | Ctrl-m \{ | $\backslash$ lparen |
| $\{?$ | $\mid$ (and add operand) |  |
| $? \mid ?$ | Ctrl-m k | $\backslash$ ket |

## SHORTCUTS: EQUATIONS

Delimiters page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| \||? ${ }^{\text {\| }}$ | Ctrl-m | \norm |
| ?) | ) | \rparen |
| ?] | ] |  |
| ?\} | \} |  |
| ? ? ${ }_{\text {? }}$ | (and add tw |  |
| <? | Ctrl-m b | $\backslash \mathrm{bra}$ |
| $\lceil ?\rceil$ | Ctrl-q i | \ceil |
| (?,?) | Ctrl-m N | \inprod |
| [?,?] | Ctrl-m C | \omut |
| \{?,?\} | Ctrl-m A | \acmut |
| ? | _ (underline) | \overline |
| <?\|?> | Ctrl-m B | $\backslash \mathrm{bk}$, |

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## SHORTCUTS: EQUATIONS

Delimiters page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| [?] | Ctrl-q k | \floor |
| $\binom{$ ? }{ ? } | Ctrl-m h | $\backslash$ choice |
| X | Ctrl-m D | \downbrace |
| X | Ctrl-m P | \upbrace |
| Toggle Format | Ctrl-Shift-t |  |
| Remove Parentheses | Esc mrp |  |

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## SHORTCUTS: EQUATIONS

## Relations page

Press Return to end the backslash sequence shown in the third column.

| Element | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| ? < ? | < | $\backslash$ lessthan |
| ? > ? | > | \greaterthan |
| ? = ? | = | \equal |
| ? ~ ? | Ctrl-m ~ (tilde) | $\backslash$ sim |
| $? \subset$ ? | Ctrl-q L | \subset |
| ? ${ }^{\text {? }}$ | Ctrl-q I | $\backslash$ supset |
| ? $\leftarrow$ ? | Ctrl-q comma | \leftarrow |
| ? $\rightarrow$ ? | Ctrl-q period | \rightarrow |
| ? $↔$ ? | Ctrl-q + | \lrarrow |
| $? \perp$ ? | Ctrl-m r | \perp |
| $? \leq$ ? | Ctrl-g < | $\backslash$ leq |
| ? $\geq$ ? | Ctrl-g > | \geq |

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## Relations page (continued)

| Element | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $? \equiv$ ? | Ctrl-q : | \equiv |
| $? \approx$ ? | Ctrl-q ; | \approx |
| $? \subseteq ?$ | Ctrl-q J | $\backslash$ \ubseteq |
| ? $\supseteq$ | Ctrl-q M | $\backslash$ supseteq |
| ? $\Leftarrow$ ? | Ctrl-q \} | \Leftarrow |
| $? \Rightarrow$ ? | Ctrl-q ${ }^{\text {^ }}$ | $\backslash$ Rightarrow |
| $? \Leftrightarrow$ ? | Ctrl-q [ | \LRarrow |
| ? \\| ? | Ctrl-m p | \parallel |
| ? << ? | Ctrl-q l (lowercase L) | \ll |
| ? >> ? | Ctrl-q 9 | $\backslash \mathrm{gg}$ |
| $? \neq ?$ | Ctrl-q = | \notequal |
| ? $\cong$ ? | @ | $\backslash$ cong |
| $? \in ?$ | Ctrl-q N | \in |

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## Relations page (continued)

| Element | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $? \ni ?$ | Ctrl-' | $\backslash$ ni |
| $? \notin ?$ | Ctrl-q O (uppercase 0) | $\backslash$ notin |
| $=?$ | Ctrl-g $=$ | $\backslash$ uequal |
| $? \not \subset ?$ | Ctrl-q K | $\backslash$ notsubset |
| $? \propto ?$ | Ctrl-q 5 | $\backslash$ propto |

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## SHORTCUTS: EQUATIONS

## Calculus page

Press Return to end the backslash sequence shown in the third column.
Use these shortcuts to type each element on the Large page with only one operand. Then use Add Operand and Toggle Format as needed.

| Element or command | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $\int ?$ | Ctrl-i | \int |
| $\oint ?$ | Ctrl-Shift-i | loint |
| Add Operand | Ctrl-Shift-n |  |
| Toggle Format | Ctrl-Shift-t |  |
| $\frac{d}{d ?}$ | Ctrl-g t | \optotal |
| $\frac{d}{d ?} ?$ | Ctrl-g T |  |
| $\frac{\partial}{\partial ?}$ | Ctrl-g p | \oppartial |

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## SHORTCUTS: EQUATIONS

## Calculus page (continued)

| Element or command | Shortcut |
| :--- | :--- |
| $\frac{\partial}{\partial ?} ?$ | Ctrl-g P |
| $\frac{d^{?}}{d ?}$ | Ctrl-g t (and add operand) |
| $\frac{d^{?}}{d ?} ?$ | Ctrl-g T (and add operand) |
| $\frac{\partial ?}{\partial ?}$ | Ctrl-g p (and add operand) |
| $\frac{\partial ?}{\partial ?} ?$ |  |

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## SHORTCUTS: EQUATIONS

## Calculus page (continued)

| Element or command | Shortcut | Backslash sequence |
| :---: | :---: | :---: |
| $\delta$ ? | Alt-Ctrl-d | \var |
| $\nabla$ ? | Ctrl-q Q | \grad |
| d ? | Ctrl-d | \diff |
| $\overline{\mathrm{V}}$ ? | Ctrl-m c | \curl |
| $\overline{\text { ? }}$ | Ctrl-Shift-d | \partial |
| $\nabla \cdot$ ? | Ctrl-m v | \diver |
| $\overline{\mathrm{lim}} ?$ | Ctrl-Shift-1 (L) | \lim |
| $\nabla^{2}$ ? | Ctrl-m 1 (lowerc | \lap |

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## SHORTCUTS: EQUATIONS

## Matrices page

To insert a matrix of any size, first insert a 1 by 1 matrix. Then add rows and columns one at a time.

Command
Add/Remove Brackets

## Shortcut

Ctrl-Shift-t
Matrix Commands pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Create $1 \times 1$ Matrix | Esc $\times \mathrm{m}$ |
| Add Row | Esc $\times \mathrm{r}$ |
| Add Column | Ctrl-Shift-c, Esc $\times \mathrm{c}$ |
| Matrix Transpose | Esc $\times \mathrm{t}$ |
| Matrix Algebra | Esc $\times \mathrm{a}$ |

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## SHORTCUTS: EQUATIONS

Equations pop-up

## Matrices page (continued)

## Matrix Row Height pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Toggle fixed/proportional | Esc m t r |
| Matrix Column Width pop-up menu |  |
| Command | Shortcut |
| Toggle fixed/proportional | Esc m t c |

## SHORTCUTS: EQUATIONS

## Functions page

To insert each function (except the general function and limit) from the keyboard, type its name as shown.

| Element | Shortcut | Backslash sequence |
| :--- | :--- | :--- |
| $?(?)$ | Ctrl-f | \function |
| lim? <br> $?$ | Ctrl-Shift-l (L) | lim |
| Addition pop-up menu |  |  |
| Command | Shortcut |  |
| Add Fractions | Esc m a a |  |
| Order Sum | Esc m a o |  |
| Order Sum Reverse | Esc m a O <br> (uppercase o) |  |

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## SHORTCUTS: EQUATIONS

Equations pop-up

## Functions page (continued)

## Multiplication pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Factor | Esc m u f |
| Factor Some | Esc m u F |
| Multiply Out | Esc m u m |
| Multiply Out Once | Esc m u M |
| Distribute | Esc m u d |
| Distribute Over Equality | Esc m u D |

## SHORTCUTS: EQUATIONS

Equations pop-up

## Functions page (continued)

Division pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Long Division | Esc m d l |
| Remove Division | Esc m d d |
| Remove Division 1 Level | Esc m d D |
| Remove Negative Powers | Esc m d n |
| Remove Negative Powers <br> 1 Level | Esc m d N |

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## SHORTCUTS: EQUATIONS

## Functions page (continued)

## Evaluation pop-up menu

| Command | Shortcut |
| :---: | :---: |
| Number Crunch | Esc m v n |
| Show All Digits | Esc m v period |
| Evaluate | Esc m ve |
| Evaluate Substitution | Esc m v s |
| Evaluate Integrals | Esc m vi |
| Evaluate Derivatives | Esc m v d |
| Evaluate Derivatives 1 Level | Esc m v D |
| Rules pop-up menu |  |
| Command | Shortcut |
| Enter Rule | Esc mre |
| Apply Rule | Esc m ra |
| Designate Dummy | Esc m r d |

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## SHORTCUTS: EQUATIONS

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## Functions page (continued)

## Other Rewrites pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Simplify | Esc $\mathrm{m} \circ \mathrm{s}$ |
| Simplify Some | Esc $\mathrm{m} \circ \mathrm{S}$ |
| Isolate Term | Esc m o i |
| Expand First Term | Esc m o e |
| Expand All Terms | Esc $\mathrm{m} \circ \mathrm{E}$ |

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## SHORTCUTS: EQUATIONS

## Positioning page

## Micropositioning

The number of points shown in the following table is based on a zoom setting of 100 percent.

| To | Usethisshortcut |
| :--- | :--- |
| Move up one point | Alt-Up Arrow |
| Move down one point | Alt-Down Arrow |
| Move left one point | Alt-Left Arrow |
| Move right one point | Alt-Right Arrow |
| Move up six points | Alt-Shift-Up Arrow |
| Move down six points | Alt-Shift-Down Arrow |
| Move left six points | Alt-Shift-Left Arrow |
| Move right six points | Alt-Shift-Right Arrow |
| Remove micropositioning | Alt-Home |

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## SHORTCUTS: EQUATIONS <br> Positioning page (continued)

## Left/Right (Alignment) pop-up menu

| Command | Shortcut |
| :---: | :---: |
| Left | Esc m a 1 |
| Center | Esc m a c |
| Right | Esc mar |
| Left of = | Esc m a + |
| Right of = | Esc m a = |
| Set Manual | Esc mas |
| Clear Manual | Esc m a d |
| Reset Alignment | Esc ma R |

$\square$

## SHORTCUTS: EQUATIONS

Equations pop-up

## Positioning page (continued)

Up/Down (Alignment) pop-up menu

| Command | Shortcut |
| :--- | :--- |
| Top | Esc m a t |
| Baseline | Esc m a B |
| Bottom | Esc m a b |
| Line Breaking pop-up menu |  |
| Command | Shortcut |
| Set Manual | Esc m b s |
| Clear Manual | Esc m b c |

## SHORTCUTS: EQUATIONS

## Navigating in an equation

## Moving the insertion point

| To move | Usethis shortcut |
| :--- | :--- |
| Left | Left Arrow |
| Right | Right Arrow |
| From beside a fraction to the <br> numerator | Down Arrow |
| Changing the selection |  |
| To | Usethis shortcut |
| Select next prompt | Tab |
| Increase scope of selection | space |
| Select next element to the left | Left Arrow |
| Select next element to the <br> right | Right Arrow |

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## Moving math elements

## Moving math elements while retaining algebraic equivalency

| To move | Usethisshortcut |
| :--- | :--- |
| Left | Shift-Left Arrow |
| Right | Shift-Right Arrow |
| Up | Shift-Up Arrow |
| Down | Shift-Down Arrow |
| To far left | Alt-Ctrl-Left Arrow |
| To far right | Alt-Ctrl-Right Arrow |
| Left into expression | Ctrl-Shift-Left Arrow |
| Right into expression | Ctrl-Shift-Right Arrow |

Moving math elements without retaining algebraic equivalency

| To swap | Usethisshortcut |
| :--- | :--- |
| With element on left | Ctrl-m Ctrl-Left Arrow |
| With element on right | Ctrl-m Ctrl-Right Arrow |

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## SHORTCUTS: TABLES

## Selection in tables

| To | Use this shortcut |
| :--- | :--- |
| Select all text in current cell | Esc t h a |
| Select current cell, then next cell | Esc t h e |
| Select current row, then next row | Esc t h r |
| Select current column, then next column | Esc t h c |
| Select body cells in current column, then next <br> body cells | Esc t h b |
| Select current table | Esc t $\mathrm{h} \mathrm{t}, \mathrm{press}$ ctrl <br> and triple-click a cell |
| Select cell | Press Ctrl and click the <br> cell |
| Select row | Press Ctrl and double- <br> click column (vertical) <br> border in the row |
| Select column | Press Ctrl and double- <br> click row (horizontal) <br> border in the row |

Selection in tables Movement in tables

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Row and column replacement

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SHORTCUTS: TABLES

## Selection in tables (continued)

| To | Use this shortcut |
| :--- | :--- |
| Extend selection | Press Ctrl-Shift and <br> click the last cell you want <br> in the selection, or press <br> Ctrl and right-click the cell |

Selection in tables
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## SHORTCUTS: TABLES

## Movement in tables

Use these shortcuts to move to the indicated cell.

| To move to | Use this shortcut |
| :--- | :--- |
| Cell to the right | Esc t m r |
| Cell to the left | Esc $\mathrm{t} \mathrm{m} \mathrm{l} \mathrm{(lowercase} \mathrm{L)}$ |
| Cell below | Esc t m d |
| Cell above | Esc t m u |
| Rightmost cell in current row | Esc t m e |
| Leftmost cell in current row | Esc t m a |
| Top cell in current column | Esc t m t |
| Bottom cell in current column | Esc t m b |
| Top-left selected cell | Esc t m s, Esc t h zero |
| Top-left cell | Esc t m T |
| Beginning of cell | Alt-Shift-Pg Up |
| End of cell | Alt-Shift-Pg Dn |

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## SHORTCUTS: TABLES

## Movement in tables (continued)

| To move to | Use this shortcut |
| :--- | :--- |
| Next cell and select all text in cell | Tab, Esc t m n |
| Previous cell and select all text in cell | Shift-Tab, Esc t m p |
| Cell below and select all text in cell | Alt-Ctrl-Tab |
| Cell above and select all text in cell | Alt-Ctrl-Shift-Tab |
| Anchor point of a table | Esc t I (uppercase i) |

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SHORTCUTS: TABLES
Tab characters in cells

To
Use this shortcut
Type a tab character in cell
Esc Tab

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## SHORTCUTS: TABLES

## Row and column addition/deletion

FrameMaker adds as many rows or columns as are currently selected.

| To | Use this shortcut |
| :--- | :--- |
| Add rows above top selected row | Esc t R a |
| Add rows below bottom selected row | Ctrl-Return, Esc t R b |
| Add columns to left of leftmost selected column | Esc t c l (lowercase L) |
| Add columns to right of rightmost selected <br> column | Esc t c r |
| Delete contents of selected rows or columns, but <br> leave cells in table | Esc t c e |
| Delete selected rows or columns from table | Esc t c x |

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## SHORTCUTS: TABLES

## Row and column replacement

If the Clipboard doesn't contain whole rows or columns, these shortcuts always replace the selected cells.

| To paste | Use this shor |
| :--- | :--- |
| Entire rows and columns and replace current | Esc t p r |
| selection |  |
| Entire rows and columns before current selection  <br> (above top selected row or to left of leftmost  <br> selected column)  |  |
| Entire rows and columns after current selection <br> (below bottom selected row or to right of <br> rightmost selected column) | Esc t p a |

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## SHORTCUTS: TABLES

## Vertical alignment in cells

To use these shortcuts, click in the first paragraph in a cell or select the cell.

| To achieve | Use this shortcut |
| :--- | :--- |
| Top alignment | Esc $j$ t, Ctrl-F1 |
| Middle alignment | Esc $j \mathrm{~m}$, Ctrl-F2 |
| Bottom alignment | Esc $j \mathrm{~b}$, Ctrl-F3 |

Selection in tables Movement in tables

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## SHORTCUTS: TABLES

## Column width

| To resize | Use this shortcut |
| :--- | :--- |
| Columns so no paragraphs in selected cells | Esc t w |
| wrap |  |
| Selected column without changing table's width <br> (can't change the rightmost column this way) | Press Alt and drag <br> selected cell's handle |

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## SHORTCUTS: TABLES

## Table Designer

To use these shortcuts, click in the Table Designer window.

| To | Use this shortcut |
| :--- | :--- |
| Change all settings to As Is | Shift-F8 |
| Change all settings to match the selected table | Shift-F9 |
| Display previous page of properties | Pg Up |
| Display next page of properties | Pg Dn |
| Apply only the current group of properties | Press Ctrl and click |
|  | Apply |

Selection in tables Movement in tables

Tab characters in cells

Row and column addition/deletion

Row and column replacement
Vertical alignment in cells

Column width
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SHORTCUTS: TABLES

## Table formats

| To | Use this shortcut |
| :--- | :--- |
| Apply current table's format to catalog and to all <br> tables that have the same tag | Esc t u t |
| Display Edit Ruling Style dialog box | Esc t e |

Selection in tables Movement in tables

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## SHORTCUTS: TEXT

## Insertion point movement

Use these shortcuts to move the insertion point.

| To move to | Use this shortcut |
| :--- | :--- |
| Next character | Right Arrow |
| Previous character | Left Arrow |
| Start of word | Ctrl-Left Arrow |
| End of word | Ctrl-Right Arrow |
| Start of next word | Esc b w |
| Start of line | Home |
| End of line | End |
| Previous line | Up Arrow |
| Next line | Down Arrow |
| Start of sentence | Ctrl-Home |
| End of sentence | Ctrl-End |
| Start of next sentence | Esc b s |

Insertion point movement

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Text selection
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SHORTCUTS: TEXT

## Insertion point movement (continued)

| To move to | Use this shortcut |
| :--- | :--- |
| Start of paragraph | Ctrl-Up Arrow |
| End of current paragraph | Ctrl-Down Arrow |
| Start of next paragraph | Esc b p |
| Top of column | Ctrl-Pg Up |
| Bottom of column | Ctrl-Pg Dn |
| Start of flow | Alt-Shift-Pg Up |
| End of flow | Alt-Shift-Pg Dn |
| Start of first visible text flow | Ctrl-Shift-i |

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## SHORTCUTS: TEXT

## Insertion point placement

Use these shortcuts to put the insertion point in an unrotated column on the current page. The draw order is the order in which objects were drawn on a page; the first object in the draw order is the one farthest to the back.

To move to
Use this shortcut
First column in draw order
Esc b f
Next column in draw order
Esc b n

Insertion point movement

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## SHORTCUTS: TEXT

## Text selection

| To select | Use this shortcut |
| :--- | :--- |
| Next character | Esc h C, <br> Shift-Right Arrow |
| Previous character | Esc H C, <br> Shift-Left Arrow |
| Current word, then next word | Esc h w, <br> Ctrl-Shift-Right Arrow |
| Current word, then previous word | Esc H W <br> Ctrl-Shift-Left Arrow |
| Current line, then next line | Esc h l (lowercase L), <br> Shift-End |
| Current line, then previous line | Esc H L, Shift-Home |
| One line width of text, starting at insertion point | Esc h d, |
| One line width of text, ending at insertion point | Shift-Down Arrow |
| Current sentence, then next sentence Shift-Up Arrow |  |

Insertion point movement

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## SHORTCUTS: TEXT

## Text selection (continued)

| To select | Use this shortcut |
| :---: | :---: |
| Current sentence, then previous sentence | Esc H S, Ctrl-Shift-Home |
| Current paragraph, then next paragraph | Esc h p, Ctrl-Shift-Down Arrow |
| Current paragraph, then previous paragraph | Esc H P, Ctrl-Shift-Up Arrow |
| Remove highlighting | Esc h zero |
| To top of column | Esc h t, Shift-Pg Up |
| To bottom of column | Esc h m, Shift-Pg Dn |
| To beginning of flow | Esc h g, Ctrl-Shift-Pg Up |
| To end of flow | Esc h n, Ctrl-Shift-Pg Dn |
| All text around the insertion point that has the same character format | Esc h F |

Insertion point movement

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## SHORTCUTS: TEXT

## Text selection (continued)

| To | Use this shortcut |
| :--- | :--- |
| Extend or shorten text selection | Shift and click |
| Select word | Double-click word |
| Put insertion point in text line or text column <br> that is currently selected | Double-click in text line or <br> text column |
| To shift the selection | Use this shortcut |
| Right one character | Esc h f |
| Left one character | Esc h b |

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## SHORTCUTS: TEXT

## Text editing

| To | Use this shortcut |
| :--- | :--- |
| Transpose characters | Ctrl-F9 |
| Cut | Esc e x, Ctrl-x, <br> Shift-Delete |
| Copy | Esc e c, Ctrl-c, <br> Ctrl-Insert |
| Paste text that you cut or copied | Esc e p, Shift-Insert, <br> Ctrl-v, Ctrl-y |
| Quick-copy selected text | Click where you want to <br> place the copied text. Then <br> hold down Alt and drag <br> through the text you want <br> to copy and paste. |
|  |  |

Insertion point movement

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## SHORTCUTS: TEXT

## Text deletion

| To delete | Use this shortcut |
| :--- | :--- |
| Previous character | Backspace |
| Backward to end of previous word | Ctrl-Backspace |
| Backward to start of line | Shift-Backspace |
| Backward to end of previous sentence | Esc k a |
| Next character | Delete |
| Forward to end of current word | Esc k f, Ctrl-Delete |
| Forward to end of line | Ctrl-Shift-Delete |
| Forward to start of next sentence | Esc k s |

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## SHORTCUTS: TEXT

## Capitalization

| Use these shortcuts to change the capitalization of selected text. |  |
| :--- | :--- |
| To | Use this shortcut |
| Change to all lowercase | Alt-Ctrl-l (lowercase L) |
| Change to all uppercase | Alt-Ctrl-u |
| Change to all initial caps | Alt-Ctrl-c |
| Display Capitalization dialog box | Esc e C |

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## SHORTCUTS: TEXT

## Special characters

For a complete list of special characters, see Chapter 3, "Character Sets" in the Quick Reference.

| To type | Use this shortcut |
| :--- | :--- |
| - (bullet) | Ctrl-q \%, |
| $\dagger$ (dagger) | Ctrl-q space |
| $\ddagger$ (double dagger) | Ctrl-q- |
| - (em dash) | Ctrl-q Q |
| - (en dash) | Ctrl-q P |
| (straight apostrophe, when Smart Quotes are | Ctrl-' |
| on) |  |
| " (straight quotation mark, when Smart Quotes | Esc " |
| are on) |  |
| (left double quotation mark, when Smart | Ctrl-q R, |
| Quotes are off or in a dialog box) | Alt-Ctrl-- |

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## SHORTCUTS: TEXT

## Special characters (continued)

| To type | Use this shortcut |
| :--- | :--- |
| $"($ right double quotation mark, when Smart | Ctrl-q S, <br> Quotes are off or in a dialog box) |
| Em space | Esc space m, <br> Ctrl-Shift-space |
| En space | Esc space n, <br> Alt-Ctrl-space |
| Numeric space (width of the font's zero) | Esc space one |
| Thin space (1/12 of an em space) | Esc space t |
| To display | Use this shortcut |
| Nonbreaking space | Esc space h, Ctrl-space |
| Nonbreaking hyphen | Esc hyphen h |
| Suppress hyphenation symbol | Esc n s |
| Discretionary hyphen | Esc hyphen D, |
| Forced return | Ctrl-hyphen |

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## SHORTCUTS: TEXT FORMATS

## Character and Paragraph Designers

| To | Use this shortcut |
| :--- | :--- |
| Change all settings to As Is | Shift-F8 |
| Change all settings to match selected text | Shift-F9 |
|  |  |
| In the Paragraph Designer: | Use this shortcut |
| To | Pg Up |
| Display previous set of properties | Pg Dn |
| Display next set of properties | Press Ctrl and click Apply |

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## SHORTCUTS: TEXT FORMATS

## Paragraph formats

Use these shortcuts to format selected paragraphs or the paragraph containing the insertion point.

| To | Use this shortcut |
| :--- | :--- |
| Apply paragraph format by typing the first <br> characters of its name and pressing Return | Esc q p, F9, Ctrl-9 |
| Center paragraph | Esc j c |
| Left align paragraph | Esc j l (lowercase L) |
| Right align paragraph | Esc j r |
| Justify paragraph (on left and right) | Esc j f |
| Position paragraph in the normal-text area | Esc j p n |
| Change current paragraph to run-in head | Esc j p r |
| Change current paragraph to side head | Esc jp s |
| Change current paragraph to full-width head | Esc j p t |
| Change line spacing to single spacing | Esc j one |
| Change line spacing to 1 1/2 spacing | Esc j / |

## SHORTCUTS: TEXT FORMATS

## Paragraph formats (continued)

| To | Use this shortcut |
| :---: | :---: |
| Change line spacing to double spacing | Esc ${ }^{\text {j }} 2$ |
| Change line spacing to fixed (default font size plus leading) | Esc j x |
| Change line spacing to floating (largest font size plus leading) | Esc jo |
| Increase leading by one point | Esc j +, Esc + one |
| Decrease leading by one point | Esc $j$ minus, Esc minus one |
| Update catalog format to match current paragraph's properties and update existing paragraphs that have the same tag (unify) | Esc j U |
| Repeat last paragraph-related command | Esc ${ }^{\text {j }}$ j |
| Start paragraph anywhere | Esc ${ }^{\text {j A }}$ |
| Start paragraph at top of column | Esc j C |
| Start paragraph at top of page | Esc ${ }^{\text {j }} \mathrm{P}$ |
| Start paragraph at top of left page | Esc j L |

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## Paragraph formats (continued)

| To | Use this shortcut |
| :--- | :--- |
| Start paragraph at top of right page | Esc $j R$ |
| Turn on hyphenation | Esc $j \mathrm{~h}$ |
| Turn off hyphenation | Esc $j \mathrm{n}$ |
| Repeat last paragraph-related command | Esc $j \mathrm{j}$ |


| To display | Use this shortcut |
| :--- | :--- |
| Paragraph Catalog | Esc $\circ$ p c |
| Update Paragraph Format dialog box | Esc $\circ$ p u |
| Space Between Paragraphs dialog box | Esc j w |
| Custom Line Spacing dialog box | Esc j u |
| Side Head Layout dialog box | Esc j p s |

## SHORTCUTS: TEXT FORMATS

## Character formats

Use these shortcuts to change the character format of selected text or of
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Character formats text you are about to type.

| To | Use this shortcut |
| :--- | :--- |
| Apply character format by typing the first <br> characters of its name and pressing Return | Esc q c, F8, Ctrl-8 |
| Change text to default paragraph font; remove <br> character tag from text in a text line | Esc o c p |
| Turn bold on and off | Esc c b, F4, Ctrl-b |
| Turn italic on and off | Esc c i, F5, Ctrl-i |
| Turn underline on and off | Esc c u, F3, Ctrl-u |
| Turn double underline on and off | Esc c d |
| Turn numeric underline on and off | Esc c 2 |
| Turn strikethrough on and off | Esc c s, Ctrl-/ |
| Turn overline on and off | Esc c o, Shift-F3 |
| Change text to plain | Esc c p, F2 |

SHORTCUTS: TEXT FORMATS

## Character formats (continued)



SHORTCUTS: TEXT FORMATS
Character formats (continued)

| To | Use this shortcut |
| :--- | :--- |
| Squeeze 20 percent of an em space | Esc [ D (left bracket) |
| Spread 20 percent of an em space | Esc ] C (right bracket) |
| Repeat last font-related command | Esc c c |
| Display Character Catalog | Esc ○ c c |

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## PAGE DESIGN

## Introduction

You design pages by laying out text columns, placing background text and objects such as headers, footers, and logo art, and determining how text flows through columns. There are three types of pages-body pages are for adding text and illustrations, master pages are for page design, and reference pages are for storing graphics and formatting information.

## Help on page design

For information on page design, click an item in the topic list to the right, or click an active area below.

The Layout commands create and update master pages; connect, disconnect, and split columns; and rotate pages.

The Flow Properties dialog box is where you assign flow tags and set other flow properties.

The Special menu contains commands for adding and deleting master pages, reference pages, and disconnected body pages.

The Headers \& Footers submenu contains commands for inserting variables in headers and footers.

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## PAGE DESIGN

## Layout palette

## Format menu > Pages > Layout Commands

Palette of commands you use to create new master pages and update pages with new layouts. The layout commands also modify text columns and rotate pages.
If you change page layout on a master page, FrameMaker automatically updates all associated body pages. If you change layout on a body page, you choose whether to update the corresponding master page and associated body pages (see Update Page Layouts).

Basic Connect Columns Connects two text columns. Before choosing the command, you should select columns in the order in which you want text to flowtext flows from the first column selected to the second. The columns do not need to be on the same page. When you connect two columns, FrameMaker uses the flow tag of the first column selected.

Replace Columns Opens the Replace Selected Columns dialog box where you can change the number of columns and their margins on a page.

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## PAGE DESIGN

## Layout palette (continued)

Normal Page Layout Opens the Normal Page Layout dialog box where you specify the page layout you most commonly use in a document.

Master Page Usage Opens the Master Page Usage dialog box where you apply the normal page layout or a custom master page to body pages.

New Master Page Opens the New Master Page dialog box where you create a new master page based on the layout of the current page.
Update Page Layouts Opens the Update Page Layouts dialog box where you apply the layout of the current body page to its master page and to any other body pages that use the same master page.

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## PAGE DESIGN

## Layout palette (continued)

## Split Current Column

Splits the current column into two or more columns with no gap between them. When FrameMaker splits a column, the resulting columns remain connected as part of the same flow. After splitting columns, you can disconnect them (see Disconnect Current Column).
Below Selection Splits the column horizontally below the insertion point.

Right of Selection Splits the column vertically at the insertion point into two side-by-side columns.
Into Lines Splits the column into multiple columnsone for each line of text. After splitting the column into one-line text columns, you can resize the text columns so they fit around an object of any shape.

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## PAGE DESIGN

## Layout palette (continued)

Disconnect Current Disconnects the current column from the text flow. If Column the columns are on the same page, the flows become
untagged, and Autoconnect is turned off in each one. If the columns are on different pages, the flows will have the same tag, and Autoconnect is affected differently depending on how the columns were split.

Existing text remains in the same columns, so you may have to move it after disconnecting columns.
From Previous Disconnects the column from the previous column in the flow. If the columns are on different pages, Autoconnect is turned on in the current flow and off in the previous flow.

From Next Disconnects the column from the next column in the flow. If the columns are on different pages, Autoconnect is turned off in the current flow and on in the next flow.

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## PAGE DESIGN

## Layout palette (continued)

From Both Disconnects the column from both the previous and next columns in the flow. If the columns are on different pages, Autoconnect is turned off in the current and previous flows and on in the next flow.

Rotates the current page in 90-degree increments. You can type in text columns that are on rotated pages.

Clockwise Rotates the page clockwise 90 degrees.
Counterclockwise Rotates the page counterclockwise 90 degrees.

Unrotate Returns the rotated page to its normal orientation.

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## PAGE DESIGN

## Replace Selected Columns

Dialog box where you can replace one or more columns on a page with a different number of columns and change column margins on the page. The affected columns remain in the same text flow, and existing text automatically flows through them. You open this dialog box by choosing Replace Columns from the Basic pop-up menu on the Layout palette.
If the columns are on a master page, FrameMaker automatically updates all associated body pages. If the columns are on a body page, you choose whether to update the corresponding master page and associated body pages (see Update Page Layouts).

Number of Selected Displays the number of selected columns. Columns

Replace with Columns

Number Specifies the number of columns you want to appear in place of the selected columns. If you're changing only margins, specify the same number as for the Number of Selected Columns.

Gap Sets the size of the gap between the columns.

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## PAGE DESIGN

## Replace Selected Columns (continued)

Column Margins
Sets the distance from the top, bottom, left, and right
edges of the page to the text columns. On a multicolumn page, the left margin is for the leftmost column, and the right margin is for the rightmost column. Adjusting the gap between columns sets the individual column widths.

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## PAGE DESIGN

## Normal Page Layout

## Format menu > Pages > Normal Page Layout

Dialog box where you can change the layout of a document's left and right master pages without having to display them. You can also open this dialog box by choosing it from the Basic pop-up menu on the Layout palette.
When you create a new document, you start with standard master pages that determine the document's normal page layout, including page size, number of columns, column margins, and whether the document is single or double sided. A single-sided document has one right master page, and a double-sided document has a left and a right master page. As body pages are added to the document, FrameMaker automatically uses the page layout from the correct left or right master page.

Page Size

Specifies the page size. The pop-up menu lists standard paper sizes. You can specify a custom width and height by typing new values in the text boxes. A custom page size can be very small, depending on the margin settings, or as large as 216 by 216 inches.

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## PAGE DESIGN

## Normal Page Layout (continued)

If the page size you specify is too small for the existing text columns on the left and right master pages, FrameMaker automatically adjusts the column sizes. If the document has custom master pages, FrameMaker won't let you specify a size that's too small.

## Columns

Column Margins

Specifies the number of columns you want on each page and the gap between them.

Sets the distance from the top, bottom, left, and right edges of each page to the text columns. For a double-sided document, you set the top, bottom, inside, and outside margins.

In a multicolumn document, the left margin is for the leftmost column, and the right margin is for the rightmost column. Adjusting the gap between columns sets the individual column widths.

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## PAGE DESIGN

## Normal Page Layout (continued)

| Pagination | Single-Sided Makes the document single sided. It <br> will have only a right master page. <br> Double-Sided Makes the document double sided. It <br> will have both a left and right master page. |
| :--- | :--- |
| Left 1st Page / Right 1st Page Specifies whether |  |
| the first page of a double-sided document is a right or |  |
| left page. |  |

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## PAGE DESIGN

## Master Page Usage

## Format menu > Pages > Master Page Usage

Dialog box where you assign a different master page to body pages in the document. You can also open this dialog box by choosing it from the Basic pop-up menu on the Layout palette.
Master pages store the document's page designs. They contain the text columns for the main text, headers, and footers; graphic elements; and the variables used for headers, footers, and page numbers. Some of these design elements, such as headers, footers, and artwork, are called background. Background text and objects are displayed on body pages but can be changed only on master pages.

In a basic document with only a left and right master page, FrameMaker automatically uses the correct master page as new body pages are added. You manually assign master pages only when using custom master pages. For information on creating custom master pages, see New Master Page and Add Master Page.

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## PAGE DESIGN

## Master Page Usage (continued)

## Use Specifies which master page you want to use.

Normal Page Layout Assigns the appropriate left or right master page to the body pages. Use this setting to remove the layout of a custom master page from body pages.
You specify the layout of the left and right master pages when you create a new custom document or when you use the Normal Page Layout dialog box.

Custom Master Page Assigns a custom master page to the body pages. The pop-up menu lists all master pages in the document. You create custom master pages using either the New Master Page or Add Master Page dialog box.

None Assigns no master page to the body pages. These body pages will have no background text or graphics. If they already have existing text columns, the columns remain connected to their current flows.

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## PAGE DESIGN

## Master Page Usage (continued)

## On

Specifies the body pages to which you want to assign the master page:

- The current page
- A range of pages
- Odd or even pages within the specified range
- Pages within the specified range that currently use the master page you choose from the pop-up menu

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## PAGE DESIGN

## New Master Page

Dialog box where you create a new master page based on the layout of the currently displayed body page. You open this dialog box by choosing it from the Basic pop-up menu on the Layout palette.

Use this dialog box if you've made column layout changes on a body page and want to create a corresponding master page that you can assign to other body pages. You can create a new blank master page or a master page based on an existing one by using the Add Master Page command on the Special menu.

Master Page Name Specifies a name for the new master page.

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## PAGE DESIGN

## Update Page Layouts

Dialog box where you can apply column layout changes from the current body page to the corresponding master page and to all other body pages using that master page. You open this dialog box by choosing it from the Basic pop-up menu on the Layout palette.
If you make column layout changes on a body page and don't update the corresponding master page, the body page will have a layout override. In some situations, you may want a page to have a layout override, for example, if you want to lengthen the text column to fit one more line of text on the page. If you make changes to a master page, FrameMaker lets you choose whether to keep format overrides on body pages that use that master page (see Page Layout Warning).

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## PAGE DESIGN

## Page Layout Warning

Dialog box where you choose whether to retain layout overrides on body pages. This dialog box appears if you update body pages with master page changes and FrameMaker detects overrides. Body pages are updated with master page changes when you:

- Use the Update Page Layouts command.
- Change the layout of a master page and then switch back to body pages.

Keep Overrides Does not apply the master page layout to body pages that have layout overrides. However, this setting does apply the master page's background text and graphics.

Remove Overrides Applies the master page layout, removing layout overrides from body pages.

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## PAGE DESIGN

## Headers \& Footers

## Format menu > Headers \& Footers

Submenu of commands that insert variables into headers and footers. Before choosing a command, click in the header or footer text column (on the master page) where you want the variable inserted. The values of the variables appear on the corresponding body pages.

Insert Page \# Inserts the variable for displaying the current page number. You can include text with the page number to produce numbering such as page 1.

Insert Page Count Inserts the variable for displaying the total number of pages in the document file. You can use the page count with the page number and text to produce numbering such as page 3 of 4 .

Insert Current Date Inserts the variable for displaying the current date in short form (for example, 9/17/93).

Insert Other Opens the Variable dialog box where you can select another variable to insert or create a new variable.

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\author{

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## PAGE DESIGN

## Flow Properties

## Format menu > Flow

Dialog box where you assign a flow tag to a text column and specify the properties of the flow. A text flow is a series of connected columns through which text flows. Most documents have only one text flow, but documents such as newsletters can have many flows.

Flow Tag Displays the name of the current column's text flow. If the flow is untagged, the text box is empty. You can specify a new name for the flow. The current column's flow tag is also displayed in the Tag area of the document window's status bar.

On master pages, text columns with tagged flows are the template columns used on body pages. Master page text columns with no flow tags are background columns-for example, for headers and footers. You can type in background text columns only on master pages.

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## PAGE DESIGN

## Flow Properties (continued)

| Autoconnect | Specifies that FrameMaker should automatically add <br> a new page when text fills the last column in the flow. |
| :--- | :--- |
| PostScript Code | Interprets PostScript code in the text column and <br> displays it as an image when you print the document <br> to a PostScript printer. FrameMaker doesn't display <br> the image in your document. |
| Baseline | Aligns the baselines of the first lines of certain <br> paragraphs in a flow with an invisible column grid. |
| Synchronization |  |
| Synchronize I's with Line Spacing Of Determines <br> the size of the invisible column grid. Only paragraphs <br> that have this line spacing are synchronized to the <br> grid, so you should use the same line spacing as the <br> main body paragraph format (see Line Spacing in the <br> Paragraph Designer). |  |

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## PAGE DESIGN

## Flow Properties (continued)

## First-Line Synchronization Limit Sets an

allowance for paragraphs with larger fonts when the paragraphs appear at the top of text columns. For example, if the line spacing of the main body paragraphs is 12 points and headings have a line spacing of 16 points, specify 16 in this text box. FrameMaker will synchronize any heading that appears at the top of a column by allowing the top of the line to extend above the column border.

Feather
Adds extra space first between paragraphs in a flow and then between lines to fill entire text columns evenly. Space is adjusted so the last line of text in each column reaches the bottom margin. Feathering overrides synchronization if both properties are turned on for a flow.

Maximum Interline Padding Sets the maximum amount of space (padding) FrameMaker can add between lines.

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## PAGE DESIGN

## Flow Properties (continued)

Maximum Inter-т Padding Sets the maximum amount of space (padding) FrameMaker can add between paragraphs.

If it's not possible to feather text in a column without exceeding the padding limits, FrameMaker won't feather that column.

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## PAGE DESIGN

## Rename Flow

Dialog box where you determine how you want flows renamed. This dialog box appears if the document contains more than one flow with the current column's flow tag, and you specify a new tag in the Flow Properties dialog box.

## Options

Determines whether you want to rename all flows that have the current column's flow tag or only the current flow. If you rename all flows with the current tag, flows on both body and master pages are affected.

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## PAGE DESIGN

## Add New Text Column

Dialog box where you designate a newly drawn text column as a background column or connect it to an existing flow. This dialog box appears if you draw a text column on a master page. If you draw a column on a body page, you can use the Connect Columns command on the Layout palette to connect it to an existing flow.

To Master Page Shows the name of the currently displayed master page.

Column Type Determines how you want to use the new column in the page layout.
Background Text Makes the text column a background column, for example, for use as a header or footer. You create and edit background text columns on master pages. Their contents are displayed on body pages, but you cannot edit them there.

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## PAGE DESIGN

## Add New Text Column (continued)

Template for Body Page Text Column Makes the new column a template for a text column you can type in on a body page. A template column must have a flow tag (see Flow Properties).
Flow Tag Assigns a flow tag to the new text column. The pop-up menu lists all flow tags in the document.

Autoconnect Specifies that FrameMaker should automatically add a new body page when text fills the last column in the flow.

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## PAGE DESIGN

## Add Page commands

## Special menu > Add Disconnected Pages <br> Add Master Page <br> Add Reference Page

Commands that add disconnected pages to a document. Different commands appear on the Special menu depending on the type of pages you are currently displaying.

To see help for each command, click its name in the following table:

| If you are displaying | This command appears on the Special menu |
| :--- | :--- |
| Body pages | Add Disconnected Pages |
| Master pages | Add Master Page |
| Reference pages | Add Reference Page |

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More in list...

## PAGE DESIGN

## Add Disconnected Pages

## Special menu > Add Disconnected Pages

Dialog box where you can add disconnected body pages to a document. The text flow on the pages you add is not connected to the text flow of surrounding pages-text on surrounding pages bypasses the new disconnected page.

In most cases, FrameMaker adds new connected body pages automatically when text reaches the end of the last column in the flow. If you want to manually add a new connected body page, you can insert a page break (see Page Break).

$$
\begin{array}{ll}
\text { Add } & \begin{array}{l}
\text { Specifies where to add the page-before or after the } \\
\text { body page shown in the text box. }
\end{array} \\
\begin{array}{l}
\text { Number of Pages } \\
\text { To Add }
\end{array} & \begin{array}{l}
\text { Specifies the number of body pages you want to add } \\
\text { to the document. }
\end{array} \\
\text { Use Master Page } & \begin{array}{l}
\text { Specifies which master page you want the new page } \\
\text { to use. The pop-up menu lists the master pages in } \\
\text { the document. }
\end{array}
\end{array}
$$

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## PAGE DESIGN

## Add Master Page

## Special menu > Add Master Page

Dialog box where you can add a new master page to the document. This command appears on the Special menu only when master pages are displayed. To create a new master page based on body page layout changes, use the New Master Page command.

Name Specifies a name for the new master page.
Initial Page Layout Copy from Master Page Bases the new master page on the column layout and background of an existing master page. The pop-up menu lists the master pages in the document.

Empty Creates a new blank master page.

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## PAGE DESIGN

## Add Reference Page

## Special menu > Add Reference Page

Dialog box where you add a new reference page to the document. This command appears on the Special menu only when reference pages are displayed.
Reference pages are for storing graphics that you use on body or master pages, allowing you to use one set of graphics consistently throughout a document. Reference page graphics include lines that appear above or below paragraphs such as headings and table titles, or that appear between body text and footnotes. Reference pages also store formatting information for generated documents.

Name
Specifies a name for the new reference page.

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## PAGE DESIGN

## Delete Pages

## Special menu > Delete Pages

Dialog box where you can delete normal body pages and disconnected body pages from a document. When you delete a page, its contents are also deleted. You can delete empty pages at the end of a document each time you save the document by using the Document Properties dialog box.

Start Pagel End Page

Specifies the range of pages you want to delete. Type the first and last page numbers of the range in the text boxes.

## Master pages and reference pages

When you are on a master page or reference page, this command changes to Delete Page (name). Then the command deletes the current master page or reference page.

You cannot delete the left or right master page.

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## PAGE DESIGN

## Master Page Name

Dialog box where you change the name of a master page. This dialog box appears when you click the name of a master page in the status bar.

You cannot change the names of the left and right master pages.

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## PAGE DESIGN

## Reference Page Name

Dialog box where you change the name of a reference page. This dialog box appears when you click the name of a reference page in the status bar.

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## MARKERS

## Introduction

FrameMaker uses markers to identify areas in your document to use as the source of cross-references, index entries, and running headers and footers. Markers are also used to identify active areas for hypertext commands and to identify text as conditional.

## Help on markers

For information on markers, click an item in the topic list to the right, or click an active area below.

The Marker window inserts markers in text. You also use this window to enter and edit marker text. The marker types that you can insert are listed in the Marker Types pop-up menu.
For information on hypertext commands, see Hypertext commands in Syntax Descriptions. For examples of index entries and the marker text that creates them, see Index markers in Syntax Descriptions.

## MARKERS

## Marker

Special menu > Marker
Window where you insert or edit a marker. If you select text before choosing the command, FrameMaker inserts the marker to the left of the selected text.

Marker Type Lists the types of markers (see Marker Types).
Marker Text Contains text associated with the marker. You can type up to 255 characters, including spaces.

If you select text in the document before choosing the command, the selected text appears in the text box. If you leave this text box empty and generate an index, FrameMaker extracts the word in the document to the right of the marker.

## MARKERS

## Marker (continued)

Introduction

New Markerl
Edit Marker
Inserts the marker into the text at the insertion point or edits the selected marker.

## MARKERS

## Marker Types

Markers identify specific locations in the document, and they include text or instructions that FrameMaker uses. For example, index markers identify the page number that an index entry refers to. They also include the text of the entry, as well as instructions for the appearance of that entry. When you generate an index, FrameMaker finds the index markers and uses their location and content to compile the index entries.

Use markers to:

- Note text for an entry in a generated file, such as an index, glossary, or bibliography
- Mark the source of a spot cross-reference
- Insert a hypertext command at some location in the document
- Designate text for running headers and footers

The remaining pages in this section list the markers and what they do.

## MARKERS

## Marker Types (continued)

| Marker type | Where to use it | How it works |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Header/Footer\$1 <br> Header/Footer\$2 | Use these markers in These markers are read by the the body of a \$marker1 and \$marker2 building document wherever blocks in a Running H/F system you want the text of a variable. The variable picks up the header or footer to text from the Header/Footer change. marker and displays it in the header or footer. See Edit System Variable for more information. |  |  |  |
| Index | Use this marker in the body of a document wherever you want the source of an index entry. | When you gen FrameMaker u for the index e location of the number. See In Syntax Descrip information. | e an index, the marker text and uses the ker for the page $x$ markers in ss for more |  |
| Index | Shortcuts | 4 More | $\checkmark \quad \square$ Done | Main Menu |

## MARKERS

## Marker Types (continued)

| Marker type | Where to use it | How it works |
| :--- | :--- | :--- | :--- |$\quad$ Marker Types

## MARKERS

## Marker Types (continued)

| Marker type | Where to use it | How it works |
| :---: | :---: | :---: |
| Subject, Author, Glossary | Use these markers with the Generate command to create a list or index of markers showing authors, subjects, and glossary terms. | A list of these markers is useful for creating a list of authors, a subject index, or a glossary. A list of markers will contain the marker text exactly as it is typed. An index of markers can also include the sort order, format, and page range. See Generated Files and Books for more information. |
| Comment | Use this marker in the body of a document where you want to include a comment that will not appear in the printed document. | The text you enter in the Marker Text box is the comment. |

## MARKERS

## Marker Types (continued)

| Marker type | Where to use it | How it works |
| :--- | :--- | :--- |
| Type 11 | Use these markers <br> for your own <br> categories of lists or 25 <br> indexes | Other names for these markers <br> can be specified in the maker.ini <br> file. For more information, see the <br> online manual, Customizing <br> Frame Products. |
| Conditional Text | FrameMaker inserts <br> this marker when you <br> make text conditional. | This is a special marker that <br> document. You cannot insert or <br> edit markers of this type. |

## EQUATIONS

## Introduction

You use the Equations palette to typeset, format, and evaluate mathematical expressions in a document.

## Help on equations

For information on using the math elements and commands on the Equations palette, click an item in the topic list to the right or click an active area below:

The Equations pop-up menu contains the commands you use to insert equation objects; shrinkwrap equations; change equation fonts throughout the document; and create, insert, and edit custom math element definitions.

Most pages of the Equations palette contain buttons you can click to insert math elements into an equation.

The Functions page contains commands for evaluating mathematical expressions.

The Positioning page contains commands for changing the position and spacing of expressions and the alignment and line breaks of lists, multiline equations, and matrices.

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## EQUATIONS

## Equations palette

## Special menu > Equations

Palette you use to create equations, insert math elements in equations, align equations and position expressions in them, and transform and evaluate equations.
You can also display the Equations palette by clicking the Equations button $(\boxed{\Sigma}$ ) on the right side of the document window.

Click a button to display a different page of the palette.


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## EQUATIONS

## Equations pop-up menu

Pop-up menu on the Equations palette where you insert equations, shrinkwrap and unwrap equations, and make global font changes in equations throughout a document. You also use the Equations pop-up menu to create, insert, and edit custom math elements.

New Equation Inserts a new small, medium, or large equation in the document. A question mark prompt (?) appears in a frame anchored at the insertion point and placed below the current line. To insert math elements in the equation, click them on the Equations palette.

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## EQUATIONS

## Equations pop-up menu (continued)

Shrink-Wrap<br>Equation<br>Unwrap Equation

Equation Sizes

Equation Fonts
Opens the Equation Fonts dialog box where you specify character formatting to use in equations.

Insert Math Element Opens the Insert Math Element dialog box where you insert custom math elements into an equation.

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## EQUATIONS

## Equations pop-up menu (continued)

Add Definition to Catalog

Update Definition

Opens the Add Math Element Definition dialog box or the Override Definition dialog box where you add custom math elements to the Math Element Catalog or override the definitions of default math elements.

Opens the Update Definition dialog box where you change the spacing of every occurrence of a math element in your document.

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## EQUATIONS

## Equation Sizes

Dialog box where you change the size and spacing of elements in small, medium, and large equations throughout a document. You open this dialog box by choosing Equation Sizes from the Equations pop-up menu on the Equations palette.

| Small/Medium/ <br> Large | Sets the size and spacing for elements in each <br> equation size you can create. |
| :--- | :--- |
| Integral | Specifies the font size for the integral symbol. |
| Sigma | Specifies the font size for the summation, product, <br> union, and intersection symbols. |
| Level 1/2/3 | Specifies the font size for symbols and for two levels <br> of superscripts or subscripts. |
| Horizontal Spread | Specifies the horizontal space added around math <br> elements. Spread is expressed as a percentage of <br> the font size. You can use positive or negative values. |

## EQUATIONS

## Equation Sizes (continued)

Vertical Spread

## Get Defaults

Specifies the vertical space added around math elements. Spread is expressed as a percentage of the font size. You can use positive or negative values.

Returns all the settings to the FrameMaker-supplied defaults.

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## EQUATIONS

## Equation Fonts

Dialog box where you specify the font family used for mathematical symbols and the character formats used for other math elements. You open this dialog box by choosing Equation Fonts from the Equations pop-up menu on the Equations palette.

When you click Set, FrameMaker reformats all equations in the document to use the fonts specified in the dialog box and reshrinkwraps the equations, if necessary.

You change the character format of a specific expression in an equation the same way you do in text. See Character Formats.

Math Symbols
Specifies the font family used for symbols such as $\alpha$ or $\Sigma$. Only the fonts appropriate for math symbols appear in the list. FrameMaker supports the following equation fonts: Symbol, Mathematical Pi, and Lucida New Math. These fonts appear only if the fonts are installed. For information on installing fonts, see your Windows system or Adobe Type Manager documentation.

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## EQUATIONS

## Equation Fonts (continued)

## Functions, <br> Numbers, Strings, Variables

Specifies the character format for functions, numbers, strings, and variables. The character formats can change all properties except spread, superscript, subscript, change bar, capitalization, and pair kerning.

The character formats must be stored in the Character Catalog. To create a character format and store it in the Character Catalog, use the Character Designer.

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## EQUATIONS

## Insert Math Element

Dialog box where you can insert a math element into an equation. You open this dialog box by choosing Insert Math Element from the Equations pop-up menu on the Equations palette.

You use this dialog box to insert custom math elements. You can insert a built-in math element directly by clicking it on the Equations palette or by typing a keyboard shortcut.

Before you insert a custom math element, it must be defined in the document using the Add Math Element Definition dialog box.

Element
Specifies which math element to insert. Shows the math elements defined for the current document.

Show Custom Only Specifies whether to show all math elements or just the custom math elements.

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## EQUATIONS

## Add Math Element Definition

Dialog box where you add a custom math element definition to the Math Element Catalog. You open this dialog box by choosing Add Definition to Catalog from the Equations pop-up menu on the Equations palette.

A custom math element is text that you can insert into an equation.
Before you use the Add Definition to Catalog command, draw a frame on a reference page. (The name of the reference page must begin with FrameMath.) The name of the math element is the same as the frame's name. (When you draw a frame on a reference page, the Frame Name dialog box appears for you to name the frame.) Then create the math element using a text line in the frame. You can use any characters and character formatting you want. You can also change the position of characters using the micropositioning shortcuts.

For all math elements except delimiters, the text line represents just the mathematical symbol, not the operands. When you later insert the element in an equation, FrameMaker places the operands in the appropriate places, based on the type of the math element.

To add an element to the Math Element Catalog, select the frame and choose Add Definition to Catalog from the Equations pop-up menu. If the

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## EQUATIONS

## Add Math Element Definition (continued)

frame name is the same as a built-in math element, the Override Definition dialog box appears.

Type
Specifies the type of element you're adding to the Math Element Catalog. The type indicates how the element behaves in relation to other elements.

You can define custom math elements of the following types.

| Type | Example | Operands |
| :--- | :--- | :--- |
| Atom | $\alpha$ | None |
| Infix | $\alpha+\beta$ | Two: one to the left and <br> one to the right of the <br> element |
| Prefix | $-\alpha$ | One: to the right of the <br> element |
| Postfix | $\alpha!$ | One: to the left of the <br> element |

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## EQUATIONS

## Add Math Element Definition (continued)

| Type | Example | Operands <br> Delimiter <br> $(\alpha)$ |
| :--- | :--- | :--- |
| Large | $\int_{0}^{\infty} x$ or | One, between the <br> delimiters |
| Vertical List | $\alpha$ | Up to three: one each <br> above, below, and to the <br> right of the element |
|  | $\beta$ | Variable: arranged one <br> above another (the <br> custom math element <br> defines the separator <br> between items in the list) |
| Function | $\sin ^{\infty}(\alpha)$ | One: to the right of the <br> element |
| Limit | $\lim _{x \rightarrow \infty} \frac{1}{x^{2}}$ | Up to two: one below <br> and one to the right of <br> the element |

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## EQUATIONS

## Override Definition

Dialog box where you change the definition of a built-in math element.
This dialog box appears if you add a custom math element whose frame has the same name as a built-in math element. This dialog box opens when you choose Add Definition to Catalog from the Equations pop-up menu on the Equations palette.
For more information, see Add Math Element Definition.

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## EQUATIONS

## Update Definition

Dialog box where you change the spacing for every occurrence of a math element in a document. You open this dialog box by choosing Update Definition from the Equations pop-up menu on the Equations palette. Before you choose the command, select the math element in an equation and set its spacing using the Spacing controls on the Positioning page on the Equations palette. To set the spacing around an operator, adjust the spacing around its operands.
You can update the spacing around math elements of type infix, prefix, postfix, and large, as well as around superscripts, subscripts, and the division bar. For examples of math element types, click here.

Go to Frame

Get Default

Displays the FrameMath reference page that contains the definition for the selected element.

Changes the spacing back to the FrameMakersupplied default.

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## EQUATIONS

## Symbols page

Page of the Equations palette where you insert Greek letters, diacritical marks, and other symbols in an equation. The Symbols page also contains controls for inserting a text string (a series of characters that FrameMaker interprets as a unit) in an equation. You display this page by clicking Symbols at the top of the Equations palette.

To insert a symbol, select an expression or put the insertion point in an equation. Then click the symbol on the Symbols page. Diacritical marks appear on the element to the left of the insertion point or on variables in the selection. Other elements appear at the insertion point or question mark prompt or are multiplied by the selection.

To insert a summation ( $\Sigma$ ), product ( $\Pi$ ), or partial differential ( $\partial$ ) element you can evaluate mathematically rather than as a Greek letter, use the elements on the Large page and the Calculus page.

You can use shortcuts to insert symbols in equations.

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## EQUATIONS

## Symbols page (continued)

## Start String, End String

Begins and ends a text string. To insert a text string, select an expression or put the insertion point in an equation. Click Start String, type the string, and then click End String. You can also type an apostrophe or quotation mark to start the string and press Return to end it.

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## EQUATIONS

## Operators page

Page of the Equations palette where you insert commonly used operators for addition, subtraction, multiplication, and division in an equation as well as roots, powers, signs, subscripts, superscripts, and logic symbols. You display this page by clicking Operators at the top of the Equations palette.
To insert an operator, select an expression or put the insertion point in an equation. Then click the operator on the Operators page. If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.

You can use shortcuts to insert operators in equations.
Toggle Format Switches the appearance of a selected division symbol between the three available formats shown below Toggle Format on the Operators page.

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## Operators page (continued)

## Horizontal and vertical lists

To add a horizontal or vertical list to an equation, select the expression you want to be the first item in the list. Then click the horizontal list element ( $\left.\begin{array}{l}? ~ ? ~\end{array}\right)$ or vertical list element ( $\left.\begin{array}{|}? ? \\ ?\end{array}\right)$ on the Operators page. To add an item to a horizontal or vertical list, select one of the items in the list and click the element on the Operators page again.

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## EQUATIONS

## Large page

Page of the Equations palette where you insert large elements such as sums, products, integrals, intersections, and unions in an equation. You display this page by clicking Large at the top of the Equations palette.

To insert a math element from the Large page, select an expression or put the insertion point in an equation. Then click the element on the Large page. FrameMaker places the element at the insertion point or applies it to the selection. If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.
You can use shortcuts to insert large math elements in equations.
Add Operand Adds an operand to the selected element or to the element to the left of the insertion point. For example, if you select an integral symbol with a lower bound but no upper bound and click Add Operand, a question mark prompt appears for the upper bound.

Toggle Format Switches the appearance of the selected integral between the formats shown on the Large page.

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## EQUATIONS

## Delimiters page

Page of the Equations palette where you insert delimiters such as parentheses, brackets ([]), and braces (\{\}) in an equation. You display this page by clicking Delimiters at the top of the Equations palette.

To insert a delimiter, select an expression or put the insertion point in an equation. Then click the delimiter on the Delimiters page. FrameMaker places delimiters at the insertion point or around the selection. If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.

To remove a delimiter, put the insertion point to the right of it and press Delete.

You can use shortcuts to insert delimiters in equations.

Toggle Format

Remove
Parentheses

Switches the appearance of the selected delimiters among parentheses, brackets, and braces.

Removes all parentheses, braces, and brackets in the selected expression. If you later use evaluation commands, FrameMaker evaluates the expression as if the delimiters were still present.

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## EQUATIONS

## Relations page

Page of the Equations palette where you insert relation symbols such as =, $<,>, \approx, \equiv, \in, \supset$, and $\subset$ in an equation. You display this page by clicking Relations at the top of the Equations palette.

To insert a relation, select an expression or put the insertion point in an equation. Then click the relation on the Relations page. All relations except the binary equal sign ( $\boldsymbol{? =}=$ ? $)$ apply to the character to the left or right of the insertion point or to the selection. If you insert a relation between multiplied elements, the relation applies to the elements on either side of the insertion point. If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.

You can use shortcuts to insert relations in equations.

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## Relations page (continued)

## Equal signs

Binary equal signs appear to the right of the current expression. If the insertion point or selection is in a subscript, the equal sign appears to the right of the subscript.
To insert a binary equal sign at the insertion point rather than to the right of the expression, press Esc $m=$ instead of clicking the binary equal sign on the Equations palette.

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## EQUATIONS

## Calculus page

Page of the Equations palette where you insert integrals, derivatives, gradients, and limits in an equation. You display this page by clicking Calculus at the top of the Equations palette.

To insert a calculus symbol, select an expression or put the insertion point in an equation. Then click the element on the Calculus page. FrameMaker places the calculus symbol at the insertion point or applies it to the selection. If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.

You can use shortcuts to insert calculus elements in equations.
Add Operand Adds an operand to the selected element or to the element to the left of the insertion point. For example, if you select an integral symbol with a lower bound but no upper bound and click Add Operand, a question mark prompt appears for the upper bound.

Toggle Format Switches the appearance of the selected integral among the formats shown on the Calculus page.

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## EQUATIONS

## Matrices page

Page of the Equations palette where you insert matrices ranging in size from $1 \times 1$ to $3 \times 3$ in an equation, and where you use commands to change matrices. You display this page by clicking Matrices at the top of the Equations palette.
To insert a matrix, select an expression or put the insertion point in an equation. Then click the matrix on the Matrices page. FrameMaker places the matrix at the insertion point. If an expression is selected, it becomes the first cell in the matrix. To move from one question mark prompt in the matrix to another, press Tab.

You can use shortcuts to insert matrices in equations and to execute matrix commands.

Add/Remove $\quad$ Adds or removes brackets around a matrix. Brackets

Matrix Commands Perform operations on the current matrix.
Create $1 \times 1$ Matrix Inserts a single-cell matrix.
Add Row Adds a row at the bottom of the matrix.

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## Matrices page (continued)

Add Column Adds a column at the far right of the matrix.

Matrix Transpose Switches the rows and columns.
Matrix Algebra Evaluates the matrix. Performs matrix multiplication and addition and evaluates dot and cross products.

Matrix Row Height Changes the way the row height is calculated.
All Equal Makes each row tall enough to hold the tallest cell in the entire matrix.

Proportional Makes each row tall enough to hold the tallest cell in the row.

Changes the way the column width is calculated.
All Equal Makes each column wide enough to hold the widest cell in the entire matrix.
Proportional Makes each column wide enough to hold the widest cell in the column.

| Matrix Column | Changes the way the column width is calculated. |
| :--- | :--- |
| Width | All Equal Makes each column wide enough to hold |
| the widest cell in the entire matrix. |  |

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## EQUATIONS

## Functions page

Page of the Equations palette where you insert functions (trigonometric, hyperbolic, logarithmic, and others) in an equation, and where you use commands to evaluate and transform mathematical expressions. You display this page by clicking Functions at the top of the Equations palette.
To insert a function, select an expression or put the insertion point in an equation. Then click the function on the Functions page. FrameMaker places the function at the insertion point or applies it to the selection (except for the limit and general functions). If more than one question mark prompt appears in the equation when you click, press Tab to move from one prompt to another.

You can use shortcuts to insert functions in equations and to evaluate expressions.
To use a command on the Functions page, select the expression you want to evaluate. Then choose the command from a pop-up menu.

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## EQUATIONS

## Functions page (continued)

## Addition

Multiplication

Add Fractions Adds fractions, expressing the result as a single fraction. Also combines like terms.

Order Sum Arranges polynomials in decreasing powers of a selected variable.
Order Sum Reverse Arranges polynomials in increasing powers of a selected variable.

Factor Factors a selected term out of a product.
Factor Some Factors a selected term from only those terms that contain it.

Multiply Out Simplifies the selected expression, distributes multiplication over addition, and expands a selected term raised to a positive integral power.
Multiply Out Once Multiplies the first pair of factors on the left side of a selected expression.

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## Functions page (continued)

Distribute Distributes division and multiplication over addition and transforms products and quotients involving radicals and exponents into a single expression raised to a power.
Distribute Over Equality Performs the same operation on both sides of the equal sign.

Division
Long Division Performs long division in a fraction containing a polynomial numerator and denominator. Select one variable in the fraction to divide by.

Remove Division Converts division to multiplication by changing positive exponents to negative and vice versa.

Remove Division 1 Level Converts the top level of division to multiplication in a selected expression.

Remove Negative Powers Converts negative exponents to positive by replacing multiplication with division and vice versa.

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## EQUATIONS

## Functions page (continued)

## Remove Negative Powers 1 Level Converts

 negative exponents to positive at the top level of the expression. If the selected expression has no negative exponents at the top level, this command has no effect.Evaluation Number Crunch Changes integers to floating-point numbers and then evaluates the expression.
Show All Digits Shows the full internal accuracy of a floating-point number.

Evaluate Evaluates expressions, performing a variety of operations depending on the selected expression. For example, this command rewrites an expression raised to a power of less than 20 as a product, computes the factorial of an integer, computes the determinant of a $1 \times 1$ or $2 \times 2$ matrix, extracts a term from a sum or product, rewrites an Evaluate Between operator as a difference, rewrites

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## Functions page (continued)

the logarithm of a product as a sum of logarithms and a logarithm of a power as a product, rewrites a logarithm to a base in terms of natural logarithms, and rewrites a choice function in terms of factorials.

Evaluate Substitution Performs a specified substitution and then simplifies the expression.

Evaluate Integrals Rewrites the selected integral with a polynomial integrand.

## Evaluate Derivatives Evaluates a selected

 derivative, applying the chain rule to complex expressions when necessary. For partial derivatives, all dependencies must be explicitly written. For total derivatives, FrameMaker assumes that elements depend on the variable of differentiation. For nth derivatives, expand the expression with the Evaluate command first.Evaluate Derivatives 1 Level Evaluates only the top level of a selected derivative.

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## Functions page (continued)

## Rules

Enter Rule Stores a rule for substituting one expression for another. Select the expression you want to store as a rule (such as $\mathrm{a}=\mathrm{b}+3$ ) before choosing Enter Rule.
Apply Rule Substitutes one term (b+3 in the preceding example) or set of terms for another (a in the example) in a selected expression, using the assignment ( $\mathrm{a}=\mathrm{b}+3$ in the example) stored with the Enter Rule command.

Designate Dummy Designates the selected term in an expression as a dummy variable. The dummy variable appears in boldface.
A dummy variable on the left side of a rule allows you to substitute the expression on the right side for any variable. For example, suppose you select a in $\mathrm{a}=\mathrm{b}+3$ and choose Designate Dummy and then

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## Functions page (continued)

select the entire expression and choose Enter Rule. When you later select any expression in an equation and choose Apply Rule, FrameMaker substitutes $b+3$ for the selected expression.

Other Rewrites Simplify Simplifies expressions, performing a variety of operations depending on the selected expression. For example, this command performs integer arithmetic, groups terms in a sum or product, divides out common factors in a fraction, interprets the complex number i, and distributes exponentiation across multiplication and division.
Simplify Some Simplifies the selected expression, but does not multiply fractions together.
Isolate Term Isolates a selected expression on one side of the equal sign. This command does not combine terms or solve for the selected expression.
Expand First Term Expands the first term of a selected summation ( $\Sigma$ ) or product ( $\Pi$ ).

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## Functions page (continued)

Expand All Terms Expands all terms of a selected summation ( $\Sigma$ ) or product ( $\Pi$ ).

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## EQUATIONS

## Positioning page

Page of the Equations palette where you change the position (micropositioning) and spacing for expressions, change the alignment of horizontal and vertical lists and multiline equations, set and clear manual line breaks in multiline equations, and inspect the position and spacing of an expression. You display this page by clicking Positioning at the top of the Equations palette.

Microposition

Spacing

Repositions an expression so it's closer to or farther away from other elements in an equation.

The large arrows move the selection in the indicated directions. The center button moves the selection back to its original position.

Adds or removes white space around the selected expression.

The plus/minus buttons change the white space adjacent to the indicated edges. The center button restores the expression's default white space.

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Position Settings Opens the Math Element Position Settings dialog box to show the positioning, spacing, and alignment of the selected expression.

## Alignment: Left/Right

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## Positioning page (continued)

## Alignment: <br> Up/Down

Line Breaking tops, bottoms, or baselines.

Aligns horizontal lists and matrix rows along their

Sets and clears manual line breaks in an equation.
To force an equation to break across lines, put the insertion point where you want the line break and choose Set Manual.

To clear the line break, select the part of the equation containing the manual line break and choose Clear Manual.

You can specify the length at which an equation breaks automatically across lines. To do so, use the Automatic Line Break After setting in the Object Properties dialog box

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## EQUATIONS

## Math Element Position Settings

Dialog box where you inspect and change the position, spacing, and alignment of a math element, expression, or equation. You open this dialog box by clicking Position Settings on the Positioning page of the Equations palette.

| Alignment | Shows the horizontal and vertical alignment for lists, <br> multiline equations, and matrices. |
| :--- | :--- |
| Microposition <br> Offset | Shows the position of an expression in relation to its <br> original position. |
| Spacing | Shows the amount of white space added or removed <br> at the top, left, bottom, and right of an expression. |

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## PARAGRAPH FORMATS

## Introduction

Every paragraph in a FrameMaker document has a format, which is made up of properties such as the default font, indents, space above and below, and so on. You define a paragraph's format using the Paragraph Designer or the controls on the formatting bar. You can store paragraph formats in a catalog and apply them to other paragraphs. When you apply a format to a paragraph, the paragraph takes on all the properties of that format.

## Help on paragraph formats

For information on paragraph formats, click an item in the topic list to the right or click an active area below.

The Paragraph Catalog is where you store paragraph formats.
The Paragraph Designer contains settings for all paragraph properties, as well as controls for applying and editing Paragraph Catalog formats.
The formatting bar provides controls for formatting paragraphs.
For information on the settings you use to format specific characters within a paragraph, see Character Formats.

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## PARAGRAPH FORMATS

## Paragraph Catalog

The Paragraph Catalog is where you store paragraph formats. You display the Paragraph Catalog by clicking the $\mathbb{T}$ button on the document window border or by choosing Paragraphs > Catalog from the Format menu.

The catalog lists all stored paragraph formats in the document. You can apply a catalog format to the current paragraph or to all selected paragraphs by clicking the format in the scroll list. You can also apply a format by choosing it from the Paragraph Format pop-up menu on the formatting bar.

Delete Opens the Delete Formats from Catalog dialog box where you can delete formats from the Paragraph Catalog.

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## PARAGRAPH FORMATS

## Paragraph Designer

## Format menu > Paragraphs> Designer

Window where you can create and change paragraph formats, store them in the Paragraph Catalog, and apply them to paragraphs in the document. You can also create and change paragraph formats using the formatting bar.
The Paragraph Designer window displays all the properties you can set for a paragraph. Changes you make in the designer window do not take effect in the current paragraph until you apply the changes or update the catalog format.

Paragraph Tag Shows the tag (name) of the current paragraph. The properties displayed in the rest of the designer window are the properties of that paragraph. You can choose a different tag from the pop-up menu to display the properties of a particular catalog format, or you can type a new name in the text box to rename or create a format.

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## PARAGRAPH FORMATS

## Paragraph Designer (continued)

If you hold down the Shift key while choosing from the pop-up menu, FrameMaker displays the properties of the chosen catalog format without changing the tag in the text box.

Properties
Lists the six groups of properties available in the Paragraph Designer. When you choose a group from the pop-up menu, the properties in that group are displayed in the designer window. You can change property settings to modify a paragraph format or create a new format.

When you click in a paragraph, the designer window displays the properties of that paragraph, which may or may not match the properties of the catalog format with the same tag. To see the properties of the catalog format, choose its tag from the Paragraph Tag pop-up menu in the Paragraph Designer.

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## PARAGRAPH FORMATS

## Paragraph Designer (continued)

If you change any of the properties in a group, you must apply them to the current paragraph before you can display a different group.

Basic Displays the Basic properties for setting a paragraph's indents, line and paragraph spacing, alignment, tab stops, and next paragraph.

Default Font Displays the Default Font properties for setting a paragraph's default font.

Pagination Displays the Pagination properties for setting a paragraph's placement, page break, and widow and orphan control, and for specifying whether it's a normal paragraph, a side head, or a run-in head.

Numbering Displays the Numbering properties for setting a paragraph's autonumber format. You use autonumbering for numbered and bulleted lists, section headings, table and figure titles, and so on.

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## PARAGRAPH FORMATS

## Paragraph Designer (continued)

Advanced Displays the Advanced properties for controlling hyphenation and word spacing, setting the language used by the spelling checker, and designating a reference frame to appear above or below the paragraph.

Table Cell Displays the Table Cell properties for setting the vertical alignment of the first paragraph within a table cell, and for overriding the table's normal cell margins.

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## PARAGRAPH FORMATS

## Paragraph Designer (continued)

Apply To Selection Applies all properties from all property groups (including the tag in the Paragraph Tag text box) to the current paragraph or selected paragraphs. The corresponding catalog format is not updated.
If you haven't changed any properties, clicking Apply To Selection simply applies the catalog format displayed in the Paragraph Tag text box to the current paragraph.
If you have changed any properties, clicking Apply To Selection creates a format override in the current paragraph. This means that the paragraph's format no longer matches the catalog format that has the same tag.
In some situations, you may want a paragraph to have format overrides, for example, when inserting page breaks. In most situations, however, you'll eventually want to update the catalog format and all other paragraphs that have the same tag. You can also create a new catalog format.

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## PARAGRAPH FORMATS

## Paragraph Designer (continued)

Update All Formats Updates the catalog format with the tag shown, as Tagged

Commands Displays paragraph formatting commands.
New Format Opens the New Format dialog box where you can store the current paragraph's format in the Paragraph Catalog.

Global Update Options Opens the Global Update Options dialog box where you can specify which properties you want to update for specific catalog formats.

Delete Format Opens the Delete Formats from Catalog dialog box where you can delete formats from the Paragraph Catalog.

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## Paragraph Designer (continued)

Set Window to As Is Changes all properties in the Paragraph Designer to As Is. Use this command if you want to change only certain properties. After changing properties to As Is, set only those properties you want to change. When you click Apply or Update All, FrameMaker will not update those properties still set to As Is.
Reset Window from Selection Changes all properties in the Paragraph Designer to match those of the current or selected paragraphs. Use this command before clicking Apply or Update All if you don't want to keep the changes you've made and want to return to the original properties.

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## PARAGRAPH FORMATS

## Basic properties

The Basic property group is where you can set a paragraph's indents, line and paragraph spacing, alignment, and tab stops. You display this group by choosing it from the Properties pop-up menu in the Paragraph Designer.

## Indents <br> Alignment Determines the paragraph's horizontal position within the left and right indents. Paragraphs can be left aligned, right aligned, centered, or justified.

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## PARAGRAPH FORMATS

## Basic properties (continued)

Space $\quad$ Sets the space above and below the paragraph. You can specify a custom spacing in the text boxes, or use the pop-up menus to choose spacing based on the paragraph's font size. Note: Feathering text and synchronizing text baselines can affect the spacing between paragraphs. See Flow properties.

To determine the space between two adjacent paragraphs, FrameMaker uses the space below the first paragraph or the space above the second paragraph, whichever is larger.

If the paragraph is at the top of a column, FrameMaker ignores the Space Above value. If it's at the bottom of a column, FrameMaker ignores the Space Below setting.

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## PARAGRAPH FORMATS

## Basic properties (continued)

## Line Spacing

Tab Stops paragraph's font size. frames.

Sets the space between lines in the paragraph, from baseline to baseline. You can specify a custom line spacing in the text box or choose single, one and one-half, or double spacing from the pop-up menu. The values in the pop-up menu are based on the

Fixed Keeps the distance between baselines the same. If line spacing is not fixed, individual line heights expand to accommodate large characters, superscript or subscript characters, or anchored

Creates and changes tab stops. The scroll list shows the paragraph's tab stops. If you select paragraphs with different tab stops, the scroll list shows the tab stops of the first paragraph in the selection. The tab stops are also displayed on the ruler.

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## PARAGRAPH FORMATS

## Basic properties (continued)

Edit Opens the Edit Tab Stop dialog box where you can create or delete a tab stop, change its position and alignment, and add a leader to it. Before clicking Edit, select New Tab Stop in the Tab Stops scroll list to create a new tab stop, or select the tab stop you want to edit. You can also create and edit tab stops directly with the formatting bar and ruler.

Next IT Tag
Determines the catalog format used for the next paragraph when you press Return. The pop-up menu lists all catalog formats in the document. If you don't specify a tag, or if the tag isn't in the Paragraph Catalog, FrameMaker uses the current paragraph's format.

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## PARAGRAPH FORMATS

## Edit Tab Stop

Dialog box where you can create or delete a tab stop, change its position and alignment, and add a leader to it. You open this dialog box by selecting a tab stop in the Basic properties of the Paragraph Designer, or by doubleclicking a tab stop symbol on the ruler. Changes you make in this dialog box affect only the current tab stop, not all tab stops in the paragraph.

You can also create and edit tab stops by dragging them from the formatting bar into the ruler.

Current Position Shows the current distance from the left edge of the text column to the tab stop you're editing.

New Position

Alignment

Specifies a new position for the tab stop, relative to the left edge of the text column.

Specifies how tabbed text will align with the tab stop. Tabbed text can be left aligned, centered, right aligned, or decimal aligned.
Align On Specifies an alignment character (such as a period or comma) for decimal-aligned tab stops.

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## PARAGRAPH FORMATS

## Edit Tab Stop (continued)

## Leader <br> Repeat Every

Delete

Delete All
Continue/Edit

Specifies the leader pattern between the point in text where you press Tab and the tab stop.

Custom Creates a leader with the character you specify.

Adds additional tab stops to the paragraph at the interval you specify.

Deletes the current tab stop.
Deletes all tab stops in the paragraph.
Continue Updates the Tab Stops scroll list in the Basic properties of the Paragraph Designer. This button appears only if you clicked Edit in the designer window. The tab stop properties do not take effect in the paragraph until you click Apply or Update All in the Paragraph Designer.

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## Edit Tab Stop (continued)

Edit Applies the changes to the tab stop. This button appears only if you double-clicked a tab stop on the ruler. The changes take effect immediately.

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## PARAGRAPH FORMATS

## Default Font properties

The Default Font property group is where you can specify a paragraph's font properties. You display this group by choosing it from the Properties pop-up menu in the Paragraph Designer.

You can also set some paragraph font properties by selecting the entire paragraph and choosing a font, size, and style from the Format menu.

| Family | Specifies the font family. The pop-up menu lists the <br> font families available on your system. |
| :--- | :--- |
| Size | Specifies the font size. You can type a custom point <br> size between 2 and 400 points in the text box, or <br> choose a standard point size from the pop-up menu. |
| Angle | Specifies the font angle (such as Italic). The pop-up <br> menu lists the angles available for the font family. |
| Weight | Specifies the font weight (such as Bold). The pop-up <br> menu lists the weights available for the font family. |

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## PARAGRAPH FORMATS

## Default Font properties (continued)

| Variation | Specifies the font variation (such as Condensed). <br> The pop-up menu lists the variations available for the <br> font family. |
| :--- | :--- |
| Color | Specifies the color of the paragraph's text. The pop- <br> up menu lists the colors that have been defined in the <br> document. For information on how to define a color, <br> see Color Definitions. |
| Spread | Specifies the extra space added to or subtracted from <br> the paragraph's default space between characters. <br> The value is a percentage of the default font's em <br> space. Negative values decrease the space; positive <br> values increase the space. The normal spread is 0 <br> percent. |

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## PARAGRAPH FORMATS

## Default Font properties (continued)

| Underline <br> Double Underline <br> Numeric Underline | Places a single or double line below each line of text <br> in the paragraph. The pop-up menu lists the styles of <br> underlines available. The offset and thickness of both <br> single and double underlines is determined by the <br> weight and size of the default font; however, numeric <br> underlines have the same offset and thickness <br> wherever they appear. |
| :--- | :--- |
| Overline | Places a line above each line in the paragraph. |
| Strikethrough | Places a line through each line in the paragraph. |
| Change Bar | Displays a vertical bar in the margin beside the <br> paragraph. To change the width, position, or color of <br> change bars, use the Change Bars command. |
| Superscript <br> Subscript | Places the paragraph above the baseline (superscript) <br> or below the baseline (subscript). |

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PARAGRAPH FORMATS

## Default Font properties (continued)

To change the size and position of the superscripted or subscripted paragraph, use the Document command.

Specifies the capitalization style of the paragraph.
this is small caps. this is lowercase.
THIS IS UPPERCASE.
To change the size of small caps, use the Document command.

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## PARAGRAPH FORMATS

## Default Font properties (continued)

## Pair Kern

Decreases the space between pairs of characters in the paragraph and turns on ligatures. The character pairs that are kerned, the amount of kerning, and the ligatures depend on the font and are defined by the font's manufacturer.

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## PARAGRAPH FORMATS

## Pagination properties

The Pagination property group is where you specify a paragraph's vertical position on the page and set it up as a normal paragraph, a run-in head, or a side head. You display this group by choosing it from the Properties popup menu in the Paragraph Designer.

Start Specifies where the paragraph starts on the page.
Anywhere Begins the paragraph below the preceding one. The paragraph's Widow/Orphan Lines property determines where the paragraph breaks across columns. You can use this setting to remove a page break.
Top of Column Starts the paragraph at the top of the next column.

Top of Page/Top of Left Page/Top of Right Page Starts the paragraph at the top of the next indicated page.

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## PARAGRAPH FORMATS

## Pagination properties (continued)

Keep With

Widow/Orphan Lines the column. in the column.

Next II Keeps the current paragraph in the same column as the next paragraph. The Widow/Orphan Lines properties of both paragraphs control how many lines of the paragraphs must stay together in

Previous $\mathbb{I}$ Keeps the current paragraph in the same column as the previous paragraph. The Widow/ Orphan Lines properties of both paragraphs control how many lines of the paragraphs must stay together

Determines where the paragraph can break between text columns. Widow/Orphan Lines are the minimum number of lines in the paragraph that can appear alone at the top or bottom of a column.

You can use this property to specify that the paragraph should not break between columns. To do this, specify a large number in the Widow/Orphan Lines text box. The maximum setting is 100 lines.

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## PARAGRAPH FORMATS

## Pagination properties (continued)

## Format

Specifies whether the paragraph is a normal paragraph, a run-in head, a side head, or extends across the side-head and normal-text areas. To set up the areas for side-head formatting in a flow, see Leave Room for Side Heads in Flow.

Normal Places the paragraph in the normal-text area. If side-head formatting is turned on for the current flow, the normal-text area is next to the sidehead area.

Run-In Head Makes the paragraph a run-in head. The next paragraph appears on the same line as the run-in head.

This is a run-in head: Run-in heads are usually low-level headings that need less emphasis.

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## PARAGRAPH FORMATS

## Pagination properties (continued)

Default Punctuation Specifies the characters to use between the run-in head and the following paragraph. The default punctuation is initially set to a period followed by an em space. The default punctuation is ignored if the run-in head ends with its own punctuation mark.

Side Head Makes the paragraph a side head. If sidehead formatting is turned on for the current flow, sidehead paragraphs appear adjacent to the normal paragraphs.

This is a This is a normal body paragraph. A side head. typical side-head layout places the side head to the left of normal text.

To set up the areas for side-head formatting in a flow, see Leave Room for Side Heads in Flow.

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## PARAGRAPH FORMATS

## Pagination properties (continued)

Alignment Vertically aligns the side head with its corresponding normal paragraph.


First baseline


Top edge


Last baseline

Across Side Head and Normal Areas Extends the paragraph across the full width of the side-head and normal-text areas when side-head formatting is turned on for the flow.

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## PARAGRAPH FORMATS

## Pagination properties (continued)

As Is This setting has two purposes:

- It indicates that you have selected paragraphs with different heading formats.
- It retains the heading property when you update other properties for paragraph formats.
For more information, see As Is setting in windows and dialog boxes.

Leave Room for Side Heads in Flow Turns on the side-head formatting property for the current flow. When side-head formatting is turned on, paragraphs designated as side heads move to the side-head area. Other paragraphs appear in the normal-text area. When side-head formatting is turned off, all paragraphs appear one after another throughout the entire flow.

Layout Opens the Side Head Layout for Current Flow dialog box where you can set up the area for side heads in the flow.

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## PARAGRAPH FORMATS

## Side Head Layout for Current Flow

Dialog box where you designate a separate area for side heads in the current text flow. When side-head formatting is turned on, paragraphs with the side-head property move to the side-head area. Other paragraphs appear in the normal-text area. You open this dialog box with the Layout button in the Pagination properties of the Paragraph Designer.

Leave Room for
Side Heads in Flow

Turns on side-head formatting for the current flow, creating a separate area for side heads. You specify the width and gap of the side-head area, and FrameMaker reserves the remainder of the text column for normal body text.

Width Sets the width of the side-head area.
Gap Sets the amount of space between the sidehead area and the normal-text area.

Side Designates the location of the side-head area. Side heads can be to the left or right of normal text or on the inside or outside edge of a double-sided page layout.

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## PARAGRAPH FORMATS

## Numbering properties

The Numbering property group is where you specify a paragraph's autonumber format. An autonumbered paragraph is part of a series such as a sequence of numbered steps or section headings. As you add autonumbered paragraphs to the document, FrameMaker numbers them appropriately. If you move or delete autonumbered paragraphs, FrameMaker renumbers the list. Autonumbering is also useful for bulleted lists and numbered figure and table titles. You display this group by choosing it from the Properties pop-up menu in the Paragraph Designer.

$$
\begin{array}{ll}
\text { Autonumber } & \begin{array}{l}
\text { Defines the autonumber format. You can type a } \\
\text { Format in the text box and/or select items from the } \\
\text { format }
\end{array} \\
& \text { Building Blocks scroll list. } \\
\text { A format can (but isn't required to) include a series } \\
\text { label, text, counters, and tabs. }
\end{array}
$$

## Autonumber Format:

Text Counter Tab

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## PARAGRAPH FORMATS

## Numbering properties (continued)

A series label distinguishes one series of autonumbering from another within the same flow. For example, to number figures and tables independently of each other, you could use the letters F and T as the series labels for figure and table numbering, respectively.

A counter is a placeholder that FrameMaker replaces with a number or letter in a sequence. For example, the counter <n+> increments the paragraph's number by one.
To include any special character in an autonumber string, use the Hex code equivalent. For more information, see "Character Sets" in the Quick Reference.

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## PARAGRAPH FORMATS

## Numbering properties (continued)

$\left.\begin{array}{ll}\text { Building Blocks } & \begin{array}{l}\text { Lists the symbols and counters you can use to define } \\ \text { an autonumber format. To use a building block in the } \\ \text { Autonumber Format text box, click where you want to } \\ \text { insert it and then select the building block in the scroll } \\ \text { list. For an explanation of these building blocks, see }\end{array} \\ \text { Autonumber building blocks in Syntax Descriptions. }\end{array}\right\}$

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## PARAGRAPH FORMATS

## Advanced properties

The Advanced property group is where you determine how a paragraph hyphenates, specify a paragraph's word spacing, and specify a reference frame to appear above or below a paragraph. You display this group by choosing it from the Properties pop-up menu in the Paragraph Designer.

Automatic<br>Hyphenation<br>Hyphenates words in the paragraph.<br>Max. \# Adjacent Sets the maximum number of consecutive lines in the paragraph that can end with a hyphen.

Shortest Word Sets the minimum length of hyphenated words in the paragraph.

Shortest Prefix Sets the minimum number of letters that must precede a hyphen in the paragraph.

Shortest Suffix Sets the minimum number of letters that must follow a hyphen in the paragraph.

Hyphenate Turns hyphenation on or off for the paragraph.

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## PARAGRAPH FORMATS

## Advanced properties (continued)

Language Specifies the language FrameMaker uses for hyphenating and spell-checking the paragraph. The pop-up menu lists the available languages. If you choose None, the paragraph is skipped during spellchecking.

Specifies how much FrameMaker can decrease or increase the paragraph's word spacing. This property affects how many words fit on each line and where lines break.

Word spacing settings are percentages of the standard word space for the paragraph's default font (as defined by the font manufacturer). Values below 100 percent allow a tighter word spacing; values above 100 percent allow a looser spacing.
Minimum Sets the smallest space allowed between words.

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## PARAGRAPH FORMATS

## Advanced properties (continued)

Maximum Sets the largest space allowed between words before FrameMaker tries to hyphenate words or add space between letters in justified paragraphs.

Optimum Sets the word spacing FrameMaker tries to achieve.

Allow Automatic Letter Spacing Adds space between characters in a line of justified text to keep the space between words from going over the maximum. Otherwise, lines of text in a justified paragraph are allowed to have more than the maximum space between words if a word can't fit on a line and can't be hyphenated.

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## PARAGRAPH FORMATS

## Advanced properties (continued)

Frame Above IT Frame Below $\mathbb{I}$

Inserts a reference frame above or below the paragraph. A reference frame is drawn on a reference page and usually contains a line or other graphic element for separating paragraphs. Each pop-up menu lists the names of all frames on the reference pages.

To control the space between the graphic element and the surrounding text, you can adjust the height of the frame on the reference page.

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## PARAGRAPH FORMATS

## Table Cell properties

The Table Cell property group is where you customize the vertical alignment and margins of text and graphics in an individual table cell. You customize these properties in the first paragraph in the cell; they're ignored in the remaining paragraphs. You display this group by choosing it from the Properties pop-up menu in the Paragraph Designer.
For more information on working with tables, see Tables.

Cell Vertical Vertically aligns paragraphs in the cell. Alignment


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## PARAGRAPH FORMATS

## Table Cell properties (continued)

Cell Margins

Customizes the cell's default margins, which are the space between the borders of a cell and the text. You can customize the top, bottom, left, and right margins.

From Table Format, Plus Adds the distance you specify in the text box to the regular cell margins set in the Table Designer.

Custom Changes the margins to the distance you specify in the text box.

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## PARAGRAPH FORMATS

## Apply Changes

Dialog box where you specify how you want to apply or update the changes you made in the Paragraph Designer window. This dialog box appears if you select a different property group from the Properties pop-up menu without applying changes to the current properties.

| Apply Changes | Applies the properties to the current paragraph but <br> does not update the corresponding Paragraph <br> To Selection <br> Catalog format. FrameMaker then displays the group <br> of properties you requested. |
| :--- | :--- |
| Update All | Updates the properties of the Paragraph Catalog <br> format that has the tag shown and of all paragraphs <br> in the document that have the same tag. FrameMaker <br> then displays the group of properties you requested. |
| Don't Apply | Disregards the changes you made and displays the <br> requested group of properties. The properties you <br> changed revert to their previous values. |

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## PARAGRAPH FORMATS

## New Format

Dialog box where you create a new paragraph format and store it in the Paragraph Catalog. You open this dialog box by choosing New Format from the Commands pop-up menu in the Paragraph Designer or from the Paragraph Format pop-up menu on the formatting bar. Once the format is stored in the Paragraph Catalog, you can apply the format to other paragraphs in the document, and FrameMaker will update the paragraphs' properties to match it.

Tag Assigns a unique name to the format you're storing.

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## PARAGRAPH FORMATS

## New Format (continued)

## Store in Catalog Stores the new format in the Paragraph Catalog.

If you don't store the format in the catalog, you can apply it to other paragraphs only by copying and pasting. Not storing the format in the catalog is useful if you don't want the format overwritten or copied to another document by the Import > Formats command.

Apply to Selection Applies the format to the current or selected paragraphs

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## PARAGRAPH FORMATS

## Global Update Options

Dialog box where you can globally retag all paragraphs that currently have a different format, or update specific properties of particular Paragraph Catalog formats. You open this dialog box by choosing Global Update Options from the Commands pop-up menu in the Paragraph Designer.
If you're retagging paragraphs, choose the format you want to apply from the Paragraph Tag pop-up menu (in the designer window) before choosing this command. If you're updating properties of catalog formats, delete the tag in the Paragraph Tag text box before choosing the command. Doing this prevents FrameMaker from applying a new tag to paragraphs.

Use Properties in the Paragraph Designer

Specifies which properties to update.
All Properties Updates all properties in all property groups. Use this setting if you're retagging paragraphs.
... Only Updates only the current group of properties. Use this setting if you're updating properties of catalog formats. If you want to update only one or two properties in the group, you should change the

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## PARAGRAPH FORMATS

## Global Update Options (continued)

group's properties to As Is in the designer window and then set up the properties you want before displaying this dialog box. Otherwise, all properties in the group will be updated.

Update Paragraph Formats

Specifies which paragraph formats to update.
All Paragraphs and Catalog Entries Retags or updates all paragraphs in the document and all paragraph formats stored in the catalog.
All Matching Tags in Selection Retags or updates all paragraphs in the document and all formats in the catalog that have tags matching those in the selected text.

All Tagged Retags or updates paragraphs that have the tag you specify in the text box. The pop-up menu lists all formats in the Paragraph Catalog.

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## PARAGRAPH FORMATS

## Some paragraphs use format overrides

Alert where you specify how you want to update existing paragraphs with changes to a Paragraph Catalog format. This alert appears if FrameMaker detects format overrides in existing paragraphs when you use the Paragraph Designer to update a catalog format. (A format override occurs when you apply a property to a paragraph without updating the catalog format that has the same tag.)

Retain Overrides Leaves format overrides intact and updates the paragraph's remaining properties to match the catalog format's properties. Use this option to preserve overrides such as page breaks.

Remove Overrides Removes format overrides and updates the paragraph's format to match the catalog format.

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## PARAGRAPH FORMATS

## Delete Formats from Catalog

Dialog box where you delete a format from the Paragraph Catalog. You open this dialog box by choosing Delete Format from the Commands popup menu in the Paragraph Designer or by clicking Delete in the Paragraph Catalog.

| Formats | Specifies the format you want to delete from the <br> Paragraph Catalog. The scroll list displays all formats <br> in the catalog. |
| :--- | :--- |
| Delete | Deletes the selected format from the Paragraph <br> Catalog. You can delete additional formats if you <br> want to. The formats are not actually deleted from the <br> catalog until you click Done. |

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## PARAGRAPH FORMATS

## Formatting bar

## Vlew menu > Formatting Bar

The formatting bar provides quick access to a number of formatting commands in FrameMaker. You can use the formatting bar to change a paragraph's properties quickly as you type.
The formatting bar affects the current paragraphs. When you use the formatting bar to change the properties of a paragraph, you create a format override-the paragraph's format no longer matches the Paragraph Catalog format that has the same tag. You can leave the paragraph with overrides, you can update the corresponding catalog format, or you can create a new catalog format.

For complete formatting control, you can use the Paragraph Designer. The designer window includes all formatting options available on the formatting bar plus settings for additional paragraph properties.

Alignment pop-up menu for aligning the current paragraphs horizontally between the left and right indents. Paragraphs can be left aligned, right aligned, centered, or justified.

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## PARAGRAPH FORMATS

## Formatting bar (continued)

Spacing pop-up menu for changing the space between lines in the current paragraphs, from baseline to baseline. You can choose single spacing, one and one-half spacing, or double spacing based on the paragraph's default font size.
Custom Opens the Custom Line Spacing dialog box where you can specify a custom line spacing for the current paragraphs.
Space Between Opens the Space between Paragraphs dialog box where you can set the space between two or more adjacent paragraphs.

Left, right, centered, and decimal tab wells for defining tab stops for the current paragraphs. To add a tab stop to the ruler, click one of the tab wells. To reposition a tab stop, simply drag it to a new location on the ruler. To delete a tab stop, drag it off the bottom of the ruler. For additional tab formatting controls, see Edit Tab Stop.

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## PARAGRAPH FORMATS

## Formatting bar (continued)



Paragraph Format pop-up menu for applying Paragraph Catalog formats to paragraphs. The popup menu initially displays the tag of the current paragraph. To apply a different format, choose it from the menu. An asterisk beside the current paragraph's tag indicates that the paragraph has format overrides.

New Format Opens the New Format dialog box where you can create a new catalog format using the current paragraph's properties.
Update All Opens the Update Paragraph Format dialog box where you can use the current paragraph's properties to update the corresponding catalog format and all paragraphs in the document that have the same tag.

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## PARAGRAPH FORMATS

## Custom Line Spacing

Dialog box where you can set the space between lines in a paragraph, from baseline to baseline. You open this dialog box by choosing Custom from the
$\qquad$ (Spacing) pop-up menu on the formatting bar.

## Spacing

Single, 1.5, and Double calculate the line space based on the size of the paragraph's default font. You can specify a custom spacing in the text box.
Fixed Line Spacing Keeps the distance between baselines the same. If you turn Fixed Line Spacing off, line heights expand to accommodate large characters, superscript or subscript characters, or anchored frames.

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## PARAGRAPH FORMATS

## Space between Paragraphs

Dialog box where you can set the space between two or more selected paragraphs. You open this dialog box by choosing Space Between from the $\equiv$ (Spacing) pop-up menu on the formatting bar.

| Spacing | Changes the Space Below <br> selected paragraph and the Space Above property of the first <br> the second selected paragraph. |
| :--- | :--- |

None Uses the same spacing as the paragraph's line spacing.

1 Line and 2 Lines Creates a space equivalent to one or two lines. The value is based on each paragraph's default font size.

Custom Specifies a custom spacing.

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## PARAGRAPH FORMATS

## Update Paragraph Format

Dialog box where you can use the current paragraph's properties to update the corresponding Paragraph Catalog format and all paragraphs in the document that have the same tag. You open this dialog box by choosing Update All from the Paragraph Format pop-up menu on the formatting bar.
When updating a catalog format, you can choose whether or not you want to remove format overrides in existing paragraphs that have the same tag. A format override is any property that you changed in a paragraph without updating the corresponding catalog format.

## Remove from <br> Paragraphs tagged

Manual Page Breaks Removes any page break overrides in paragraphs that have the tag shown here.

Other Paragraph Format Overrides Removes all format overrides except page breaks.

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## PARAGRAPH FORMATS

## Copy Paragraph Format

## Edit menu > Copy Special > Paragraph Format

Command that copies the current paragraph's format, including its tag, to the Clipboard. You can then use the Paste command to apply the format to one or more paragraphs in the same or another document. The copied paragraph format remains on the Clipboard until you cut or copy something else.

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## PARAGRAPH FORMATS

## Page Break

## Format menu > Page Break

Dialog box where you can force a page break at the beginning of the current paragraph.

Wherever It Fits

## At Top of Next

 AvailablePlaces the paragraph in the first column that has room enough to accommodate it. You can use this option to remove a page break.

Moves the paragraph to the top of the next page, column, left page, or right page.

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## PRINTING

## Introduction

This section of Help describes controls for printing single documents and books.

## Help on printing

For information on printing, click an item in the topic list to the right or click an active area below.

The Print Document dialog box contains options for printing documents and books.

The Set Print Separations dialog box contains controls for specifying how to print color separations.

The Halftone Screens dialog box is where you specify the frequency and angle of halftone screens.

The Print Files in Book dialog box is where you specify which documents in a book to print.
The Print Setup dialog box contains options for choosing and setting up the printer you want to use.

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## PRINTING

## Print Document/Book

## File menu > Print

Dialog box where you specify how to print documents or books. If you are printing a book, this dialog box opens after you click Print in the Print Files in Book dialog box.

Print Page Range (For single documents only.) Specifies which pages to print.

All Prints the entire document.
Start Page/End Page Specifies a range of pages to print.

Copies
Specifies the number of copies to print. If you are printing multiple copies and want FrameMaker to print one complete set before printing another, turn on Collate.

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## PRINTING

## Print Document/Book (continued)

Scale $\quad$ Reduces or enlarges the size of the page image. If the image is larger than the paper size, FrameMaker crops the image to fit the paper.

Thumbnails

Print Only to File Creates a print file on the disk instead of sending the document to the printer. Type the name of the print file in the text box. depends on the number of rows and columns of thumbnail images that you specify be printed on each sheet. The maximum number of thumbnails per page is 256. FrameMaker chooses the page orientation that produces the largest thumbnails.
Rows Specifies the number of thumbnails printed down the page.
Columns Specifies the number of thumbnails printed across the page.

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## PRINTING

## Print Document/Book (continued)

Odd-Numbered/ Even-Numbered Pages

Collate

## Last Sheet First

Low-Resolution Images

Prints odd- or even-numbered pages. Turn on both checkboxes to print all pages.

Collates multiple copies of a document. Turn on Collate to print one complete copy before starting the next copy.

Prints the last page first. Turn on this checkbox if pages come out of your printer with the printed side face up.

Prints draft copies of a document. Imported graphics are printed quickly, but with lower quality.

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Registration Marks Prints crop marks and registration marks.

## PRINTING

## Print Document/Book (continued)

Skip Blank Pages Tells the printer not to print pages that would be blank.

Spot Color as Black/White

Ensures that colored items in your document print either 100 percent black or 100 percent white. Many
black-and-white printers indicate the use of color by printing shades of gray. This option overrides that effect.

Print Separations Prints a separate sheet of paper for each color used on the page, according to the color separations you specify in the Set Print Separations dialog box.
Turn off this checkbox to print all the colors together on a single sheet of paper, called a composite, for each page of the document.

Set Up Separations Opens the Set Print Separations dialog box where spot and process colors.

## you can specify which colors should be printed as

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## PRINTING

## Print Document/Book (continued)

## Setup

Opens the Print Setup dialog box where you can select the printer to use, and set the default paper source, paper size, page orientation, and other printing properties.

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## PRINTING

## Set Print Separations

Dialog box where you specify which colors to print as color separations. FrameMaker prints a separate sheet of paper for each color used on the page, according to the color separations you specify. You open this dialog box by clicking Set Up Separations in the Print Document dialog box.

Plate Assignments Specifies how to print the colors in the document.
Print As Process (Appears only if the current printer supports process color) Specifies the colors that will print as process color separations.

Print As Spot Specifies the colors that will print as spot color separations.

Don't Print Specifies the colors that will not print.
Halftone Screens (Appears only if the current printer supports process color) Opens the Halftone Screens dialog box where you can specify the frequency and angle of the dots in halftone screens.
$\square$ Arrow buttons for moving colors from one list to another.

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## PRINTING

## Halftone Screens

Dialog box where you specify the frequency and angle of the dots that make up halftone screens. You can specify different halftone screen settings for each process color, and one setting for all spot colors.

You open this dialog box by clicking Halftone Screens in the Set Print Separations dialog box.

Frequency (Lines/ Determines the distance between the centers of dots.

Inch)

Cyan/Magenta/Yellow/Black The settings used for process color screens.
Spot The setting used for all colors you specified to print as spot colors or for composite pages.

Angle (degrees) Specifies the orientation of the grid of dots.
Cyan/Magenta/Yellow/Black The settings used for process color screens.
Spot The setting used for all colors you specified to print as spot colors or for composite pages. print as spot colors or for composite pages.

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## PRINTING

## Print Files in Book

File menu > Print (with a book window active)
Dialog box where you print the files in a book.

## Print

Don't Print
$\square$
$\square$

Print

Specifies which files to print.

Specifies which files not to print.
Arrow buttons for moving selected files from one list to another.

Opens the Print Book dialog box where you specify printing options.

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## PRINTING

## Print Setup/Printer Setup

## File menu > Print Setup

In the Print Setup dialog box, you select the printer to use and set the default paper source, paper size, page orientation, and other printing properties.
In the Printer Setup dialog box, you set most of the same printing properties. The name of the current printer appears in the title bar of this dialog box. You open the Printer Setup dialog box by clicking Setup in the Print Document dialog box.
Because these dialog boxes are controlled by Windows, complete help for them is provided by Windows Help.

| Printer | (Print Setup only) Specifies which printer to use. |
| :--- | :--- |
| Default Printer is the printer currently set as the |  |
| default from the Control Panel. |  |

Specific Printer specifies a different printer to use for this document. The printers that appear in the pop-up list are those printers you are currently connected to.

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## PRINTING

## Print Setup/Printer Setup (continued)

| Paper | Size specifies the size of paper to use. <br> Source specifies what paper tray to use for the <br> selected printer. |
| :--- | :--- |
| Options | Opens the Options dialog box. The settings you can <br> make in this dialog box may differ depending on <br> which printers you have installed. For more help on <br> this dialog box, click its Help button. Because this <br> dialog box is controlled by Windows, the help for it is <br> provided by Windows Help. |

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## QUICKACCESS BAR

## Introduction

Use the QuickAccess bar to quickly execute common FrameMaker commands. You can display the QuickAccess bar vertically or horizontally. The QuickAccess bar remains visible until you close it.

The QuickAccess bar has four pages of buttons for text editing, graphics, graphics editing, and table editing commands. The first set of buttons on each page are the same, and are used for common commands.

- To display the QuickAccess bar, choose QuickAccess Bar from the View menu.
- To change its orientation, click in the QuickAccess bar.
- To display a different page of the QuickAccess bar, click $\triangle \rightarrow$.
- To display Help on the QuickAccess bar, click 8
- To close the QuickAccess bar, choose QuickAccess Bar from the View menu.

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QUICKACCESS BAR

## Common commands

For information about a button, click it below.


Previous or next page of the QuickAccess bar



## QUICKACCESS BAR

## Text editing commands

For information about a button, click it below.



Done

## QUICKACCESS BAR

## Graphics commands

For information about a button, click it below.


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## QUICKACCESS BAR

## Graphics editing commands

For information about a button, click it below.


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## QUICKACCESS BAR

## Table editing commands

For information about a button, click it below.


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## FRAMEMAKER WINDOWS

## Introduction

The FrameMaker application window contains document windows, the menu bar, the QuickAccess bar, and the formatting bar.

Document windows display the pages of an open document. They can also display guides such as text symbols, rulers, and grid lines to help you edit a document.

## Help on FrameMaker windows

For information on the application window, or changing your view of a document, click an item in the topic list to the right or click an active area below.

The Zoom Menu Options dialog box specifies the settings for the Zoom buttons and the Zoom pop-up menu.

Commands on the View menu turn on and off the display of document window guides. These are also available in the View Options dialog box.
The Go to Page dialog box contains controls to display a document's body, master, and reference pages.

Menus describes commands that display the full or reduced set of FrameMaker menu commands and read menu customization files.

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## FRAMEMAKER WINDOWS

## Application window

The application window contains the FrameMaker menu bar and document windows. The application window also contains the QuickAccess bar and the formatting bar, which provide immediate access to different functions in FrameMaker.


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## FRAMEMAKER WINDOWS

## Document window

A FrameMaker document window appears when you open a document.



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## FRAMEMAKER WINDOWS

## Zoom Menu Options

Dialog box where you set the percentages for the zoom $\begin{aligned} & z \mid Z\end{aligned}$ buttons and the zoom settings on the Zoom pop-up menu. The settings remain in effect until you change them or exit FrameMaker. You open this dialog box by choosing Set from the Zoom pop-up menu $100 \%$ on the window border.

Get Defaults
Restores the default zoom settings.

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## FRAMEMAKER WINDOWS

## Borders

## View menu > Borders

Command that turns the display of borders on and off. Borders appear as dashed or dotted lines around text columns, frames, table cells, and imported images, but they do not print. Use the borders to help you select text and graphics.

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## FRAMEMAKER WINDOWS

## Text Symbols

## View menu > Text Symbols

Command that turns the display of text symbols on and off. The text symbols are shown here.

## Symbol Meaning

T End of paragraph
§ End of flow
$\rangle$ Tab
$\perp \quad$ Anchor (for anchored frames, tables, and equations)
T Marker

〈 Forced line return
Nonbreaking space
Suppress hyphenation (prevents hyphenation of a word)
Discretionary hyphen (adds a hyphenation point to a word; the hyphenation point is used if necessary)

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## FRAMEMAKER WINDOWS

## Rulers

## View menu > Rulers

Command that turns the display of rulers on and off.
Use the ruler along with the formatting bar to move tabs and otherwise change paragraph properties quickly as you type.
Use the top and left rulers to help you place objects. When you draw, resize, or move an object, lines in the rulers indicate its position. To change the ruler markings, use the Options command.

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## FRAMEMAKER WINDOWS

## Grid Lines

## View menu > Grid Lines

Command that turns the display of the visible grid on and off. The visible grid appears on the screen, but does not print. Use it as an aid in placing text and graphics. You change the grid's spacing in the View Options dialog box.

The visible grid is independent of the snap grid.

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## FRAMEMAKER WINDOWS

## View Options

## View menu > Options

Dialog box where you set the viewing options for the document window.

## Display Units

Sets the units FrameMaker uses to display dimensions. You can type the following abbreviations in any dialog box.

| Unit | Abbreviation |
| :--- | :--- |
| millimeter | mm |
| centimeter | cm |
| inch | " or in |
| pica | pc or pi |
| point | pt |
| didot | dd |
| cicero | cc |

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## FRAMEMAKER WINDOWS

## View Options (continued)

| Rulers | Displays rulers along the top and left side of the <br> document. Use rulers to help you place objects. <br> When you draw, resize, or move an object, lines in <br> the rulers indicate its position. Choose the ruler <br> markings from the pop-up menu. To turn the rulers on <br> and off quickly, use the Rulers command on the View <br> menu. | Zoom Menu Options |
| :--- | :--- | :--- |
| Text Symbols | Displays nonprinting text symbols. To turn text <br> symbols on and off quickly, use the Text Symbols <br> command on the View menu. | Rext Symbols <br> Rulers <br> Grid Lines |
| Graphics | View Options |  |
| Displays graphics in the document. If you turn this <br> setting off, graphics do not appear on the screen and <br> will not print. Without graphics, FrameMaker displays <br> pages more quickly. | Navigation <br> commands <br> Go to Page |  |
| Body Pages |  |  |
| Master Pages |  |  |

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## FRAMEMAKER WINDOWS

## View Options (continued)

| Borders on | Displays borders around text columns, frames, table <br> cells, and imported images. Borders appear as <br> dashed or dotted lines, but do not print. Use borders <br> to help you select text and graphics. To turn borders <br> on and off quickly, use the Borders command on the <br> View menu. |
| :--- | :--- |
| Page Scrolling | Specifies how FrameMaker displays pages. <br> Vertical Displays one page above another. |
| Horizontal Displays one page next to another. <br> Facing Pages Displays facing pages side by side. <br> Variable Displays as many pages as will fit in the <br> window from left to right. |  |

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## FRAMEMAKER WINDOWS

## View Options (continued)

| Grid Lines | Displays a visible grid in the document window. The <br> visible grid appears on the screen, but does not print. <br> Use it to help you place text and graphics. Choose <br> the grid spacing from the pop-up menu. To turn the <br> visible grid on and off quickly, use the Grid Lines <br> command on the Graphics menu. |
| :--- | :--- |
| Snap | Creates an invisible grid to help you draw, move, <br> resize, reshape, or rotate objects. The objects snap <br> to the grid you specify. To turn the snap grid on and <br> off quickly, use the Snap command on the Graphics <br> menu. |

For more information about Snap, click here.
Grid Spacing Sets the distance between snap points on the grid.

Snap Rotate Sets the number of degrees between snap points when you rotate an object using the mouse.

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## FRAMEMAKER WINDOWS

## Navigation Commands

Commands that display different pages in a document. You choose these commands by clicking buttons at the bottom of the document window. In view-only documents you can also choose them from the Navigation menu.

For more information on buttons on the document window, click here.

Displays the next page in the document. To display the last page, press Shift and click.

Displays the previous page in the document. To display the first page, press Shift and click.

## View Only format

The Navigation menu appears in the menu bar when a document is in View Only format. The Next Page, Previous Page, First Page and Last Page commands display the appropriate page.

$$
\begin{array}{ll}
\text { Go Back } & \text { Retraces jumps you made using hypertext links. } \\
\text { FrameMaker keeps a log of the jumps you make. Go } \\
\text { Back replays that log, one jump at a time. }
\end{array}
$$

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## FRAMEMAKER WINDOWS

## Go to Page

## View menu > Go to Page

Dialog box where you display a body, master, or reference page; any line in a text flow; or the page containing the insertion point. You can also open this dialog box by clicking the page number area in the document window when you are on a body page. In a view-only document, you choose this command from the Navigation menu.

The controls in the dialog box differ, depending on whether you are on a body page, master page, or reference page when you choose this command.

Page Number (For body pages only.) Displays the body page you type in the text box.

First Page Last Page
(For body pages only.) Shows the range of page numbers in the document.

Page Containing (For body pages only.) Displays the page containing the Insertion Point the insertion point.

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## FRAMEMAKER WINDOWS

## Go to Page (continued)

| Line Number | (For body pages only.) Displays the line (in the <br> current flow) whose number you type in the text box. |
| :--- | :--- |
| Current Line | (For body pages only.) Shows the number of the line <br> (in the text flow) containing the insertion point. |
| Master Page | (For master pages only.) Displays the master page <br> you choose from the pop-up menu. |
| Reference Page | (For reference pages only.) Displays the reference <br> page you choose from the pop-up menu. |
| Body Pages | (For master or reference pages only.) Returns to the <br> body page you were on. |

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## FRAMEMAKER WINDOWS

## Body Pages

## View menu > Body Pages

Command that displays the document's body pages. Use it to return to the most recently displayed body page from a master or reference page.

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## FRAMEMAKER WINDOWS

## Master Pages

## View menu > Master Pages

Command that displays the master page corresponding to the body page you are on. If you are on a reference page, this command displays the document's first master page.

Master pages determine the document's page design. They contain a text column that is used as a template for the main text on body pages, as well as background text and graphics that are used for page headers and footers. Background text and objects cannot be changed on body pages, only on the master pages. For more information, see Page Design.

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## FRAMEMAKER WINDOWS

## Reference Pages

## View menu > Reference Pages

Command that displays a reference page. If there is more than one reference page, it displays the first one or the one you last used.
Reference pages contain frames that are used by:

- Paragraph formats: You can specify that a frame and its contents appear above or below a paragraph. See Frame Above I, Frame Below I.
- Footnotes: You can use a frame to separate the first footnote from the main text above it. See Footnote Properties and Table Footnote Properties.
- Equations: You can use a frame to define custom math elements. See Add Math Element Definition.

Reference pages can contain information that specifies the content and format of generated files.

Reference pages can also hold clip art that you copy and paste onto body or master pages.

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## FRAMEMAKER WINDOWS

## Menus

## View menu > Menus

Submenu of commands that specify the configuration to use for FrameMaker menus and commands.
Quick Displays a subset of the available commands.

Custom Displays a customized set of commands. This option only appears if you have selected a menu customization file. For more information about custom menus, see the online manual, Customizing Frame Products.

Complete Displays the complete set of commands.
Modify

Opens the Menu Customization File dialog box where you read a file that changes the menus and commands.

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## FRAMEMAKER WINDOWS

## Menu Customization File

## View menu > Menus > Modify

Dialog box where you specify a menu customization file for your work session. For information on creating a menu customization file, see the online manual, Customizing Frame Products.

File
Specifies the name of the file that contains the menu customizations you want to use. You can select it from the scroll list.

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Window menu

## FRAMEMAKER WINDOWS

## Window menu

Menu of commands that manage the display of document windows within the FrameMaker application window.

Cascade

Tile Arranges all the open document windows so they are all visible, side by side.

Arrange Icons Evenly spaces all the icons for minimized document windows.

Refresh
Redraws the document in the active window.
Currently open files The bottom of the Window menu lists all the documents that are currently open. Choosing a document name opens the window if it is minimized, or makes it active if the window is open.
Stacks all the open document windows so that their title bars are all visible.

A More in list...
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## SPELLING CHECKER AND THESAURUS

## Introduction

The Spelling Checker checks your documents for misspellings and other errors. You can use the Thesaurus to look up synonyms and antonyms.

## Help on the Spelling Checker and Thesaurus

For information on the Spelling Checker and Thesaurus, click an item in the topic list to the right or click an active area below.

The Spelling Checker window is where you check your documents for errors.

The Spelling Checker Options dialog box is where you set the types of errors FrameMaker checks.

The Dictionary Functions dialog box contains controls for working with the personal and document dictionaries. It also contains settings that affect the spell-checking of the entire document.

The Thesaurus window is where you look up synonyms and antonyms.

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker

## Edit menu > Spelling Checker

Window where you can check a document for spelling and punctuation errors or store and maintain spelling and hyphenation dictionaries.

FrameMaker does not spell-check text that was created in a dialog box or another window, such as cross-references, variables, autonumbers, or marker text. It also does not check text in PostScript code columns.
FrameMaker spell-checks only the page type currently displayed. For example, if a body page is displayed, only body pages are checked. If a master page is displayed, only master pages are checked.
You can skip a paragraph or text line when spell-checking by using a Language setting of None (see the Advanced properties of the Paragraph Designer for paragraphs and Object Properties for text lines). This feature can be convenient when you want to skip a paragraph of computer code.
You can also specify a different language for FrameMaker to use when spell-checking specific paragraphs or text lines. See the Advanced properties of the Paragraph Designer for paragraphs and Object Properties for text lines.

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SPELLING CHECKER AND THESAURUS

## Spelling Checker (continued)

| Word | Displays a word or character pattern that <br> FrameMaker considers questionable. |
| :--- | :--- |
|  |  |

Correction

Check

Lists possible corrections in the scroll list. Displays the most likely suggestion in the text box. You can also type your own correction in the text box.

Document Spell-checks the entire document. Current Page Spell-checks only the current page.

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## Spelling Checker (continued)

Show Hyphenation Displays the hyphenation points of the word that is in the Word text box. FrameMaker hyphenates words based on information stored in the dictionaries. If it can't find the word, it calculates the hyphenation points.

To store the new hyphenation in your personal dictionary, change the hyphenation points in the text box and then click Learn.

- To change hyphenation points, type hyphens where you want them in the Word text box.
- To prevent a word from hyphenating, type a hyphen at the beginning of the word.
- To store a hyphenated word (such as spell-check) in the dictionary, type a backslash followed by a hyphen.

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker (continued)

## Automatic Correction

Options

Dictionaries

Start Checking

Corrects future occurrences of words or punctuation. When you later click Correct, FrameMaker will add the word or punctuation, along with its correction, to an internal list of automatic corrections. The Spelling Checker will use these corrections until you quit FrameMaker.

Opens the Spelling Checker Options dialog box where you specify what FrameMaker finds as an error and what it should ignore.

Opens the Dictionary Functions dialog box where you manage your personal and document dictionaries, rehyphenate the document, mark all paragraphs for rechecking, or clear the internal list of automatic corrections.

Begins spell-checking. FrameMaker spell-checks a document flow by flow. You also click this command to ignore a questioned word and continue checking.

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker (continued)

| Correct | Replaces the selected text in the document with the <br> text in the Correction text box. |
| :--- | :--- |
| Learn | Adds the word in the Word text box to your personal <br> dictionary. FrameMaker will no longer question the <br> word in any document you spell-check. You cannot <br> add repeated words or unusual punctuation to the <br> dictionary. |
| Allow in Document | Adds the word in the Word text box to the document's <br> dictionary. FrameMaker will no longer question the <br> word in the current document. |
| Unlearn | Removes the word in the Word text box from your <br> personal dictionary and the document's dictionary. |

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker Options

Dialog box where you specify what kinds of problems you want
FrameMaker to find or ignore. You open this dialog box by clicking Options in the Spelling Checker window.

| Repeated Words | Finds repeated words and suggests a single-word replacement. |
| :---: | :---: |
| Unusual | Finds hyphenated words that are not in the |
| Hyphenation | dictionaries, such as non-partisan. If the check |
|  | off, the hyphen is disregarded, and each part of |
|  | word is checked separately. If the checkbox is on |
|  | FrameMaker considers the hyphenated pair as on |
|  | word that requires the hyphen. |
| Unusual | Finds words with nonstandard capitalization and |
| Capitalization | suggests alternatives. |

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker Options (continued)

Two in a Row<br>Straight Quotes

Extra Spaces

Space Beforel Space After

Single-Character
Words

Finds repeated punctuation and suggests a single character instead. Specify the characters in the text box. FrameMaker ignores more than two punctuation characters in a row.

Finds straight quotation marks (") or two single curved quotation marks and suggests double curved quotation marks (" and ") as a replacement.

Finds two spaces in a row and suggests a single space instead. FrameMaker ignores more than two spaces in a row and does not question em or en spaces.

Finds spaces before and after the punctuation characters you specify in the text box.

Ignores single-character words.

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## SPELLING CHECKER AND THESAURUS

## Spelling Checker Options (continued)

Words That Are All Ignores words in all uppercase letters. Uppercase

Words Containing Ignores words containing any of the punctuation or other characters in the text box. For example, if you specify a period (.) in the text box, FrameMaker ignores words such as Chapter4.doc.

Roman Numerals Ignores lowercase and uppercase Roman numerals.
Words with Digits Ignores words containing numbers, such as File3.
Get Defaults Restores the settings for the options in this dialog box to what they were when you began the current session.

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## SPELLING CHECKER AND THESAURUS

## Dictionary Functions

Dialog box where you manage your personal and document dictionaries, rehyphenate the document, mark all paragraphs for rechecking, clear the internal list of automatic corrections, or write all unknown words in the document to a file. You open this dialog box by clicking Dictionaries in the Spelling Checker window.

FrameMaker spell-checks a document against four dictionaries: main, site, personal, and document. The main and site dictionaries in use are determined by their entries in the maker. ini file. However, by using this dialog box, you can manage your personal and document dictionaries. For more information about maker. ini, see the online manual, Customizing Frame Products.

Your default personal dictionary is in your installation directory. If this dictionary does not exist, FrameMaker creates it the first time you add a word to the dictionary (by clicking Learn in the Spelling Checker window).

FrameMaker automatically creates a dictionary for the current document when you click Allow in Document in the Spelling Checker window. A document dictionary is saved with the document.

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## SPELLING CHECKER AND THESAURUS

## Dictionary Functions (continued)

## Personal <br> Dictionary

Specifies how to change your personal dictionary.

Set to None Specifies that no personal dictionary be used in spell-checking.

Write to File Opens the Write Personal Dictionary to File dialog box where you create a new dictionary by writing the contents of your personal dictionary to a file.

Merge from File Opens the Merge File into Personal Dictionary dialog box where you merge the contents of another dictionary into your personal dictionary.
Change Dictionary Opens the Use File for Personal Dictionary dialog box where you change your personal dictionary to another dictionary.

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## SPELLING CHECKER AND THESAURUS

## Dictionary Functions (continued)

## Document <br> Dictionary

Write All Unknown Words to File

Specifies how to change the document dictionary.
Clear Empties the document dictionary.
Write to File Opens the Write Document Dictionary to File dialog box where you create a new dictionary file by writing the contents of the document dictionary to a new file.

Merge from File Opens the Merge File into Document Dictionary dialog box where you merge the contents of another dictionary into the document dictionary.

Spell-checks the entire document without stopping to make corrections and saves all unknown words in a file. Opens the Store Spell Checking Results in File dialog box where you specify the file.

Clears the internal list of automatic corrections.

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Clear Automatic Corrections

## SPELLING CHECKER AND THESAURUS

## Dictionary Functions (continued)

Mark All
Paragraphs for
Rechecking

## Rehyphenate

 DocumentForces FrameMaker to recheck all paragraphs the next time you spell-check the document. When FrameMaker spell-checks text, it marks the paragraphs that have no spelling errors so it doesn't have to check them again. You may want to mark all paragraphs for rechecking when you change Spelling Checker options.

Rehyphenates the document. If you change hyphenation points, FrameMaker does not rehyphenate the document until you click this button.

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## SPELLING CHECKER AND THESAURUS

## Write Dictionary to File

Dialog box where you write the contents of your personal or document dictionary to a file. You open this dialog box by choosing Write to File from the Personal Dictionary or Document Dictionary pop-up menu in the Dictionary Functions dialog box.

Write Personal/ Document Dictionary to File

Specifies the name of the file to which you'll write your personal dictionary or the document dictionary. Type the filename in the text box.

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## SPELLING CHECKER AND THESAURUS

## Merge File into Dictionary

Dialog box where you merge the contents of another dictionary file into your document or personal dictionary. You open this dialog box by choosing Merge from File from the Personal Dictionary or Document Dictionary popup menu in the Dictionary Functions dialog box.

Merge File into Specifies the name of the file to merge into your Personal/Document personal dictionary or the document dictionary. Dictionary

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## SPELLING CHECKER AND THESAURUS

## Use File for Personal Dictionary

Dialog box where you specify a personal dictionary to use for spellchecking. You open this dialog box by choosing Change Dictionary from the Personal Dictionary pop-up menu in the Dictionary Functions dialog box.

## Use File for Personal Dictionary <br> Specifies the name of the file to use as your personal dictionary. Select the file from the list box.

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## SPELLING CHECKER AND THESAURUS

## Store Spell Checking Results in File

Dialog box where you specify the file in which all unknown words in the document are placed. This dialog box appears when you choose Write All Unknown Words to File in the Dictionary Functions dialog box.

Store Spell
Checking Results in File

Specifies the name of the file in which all unknown words in the document are placed. Type the filename in the text box.

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## SPELLING CHECKER AND THESAURUS

## Thesaurus

## Edit menu > Thesaurus

Window containing definitions, synonyms, antonyms, and related words for the word you look up in the Thesaurus. You can look up and replace a selected word in your document, or you can look up a word typed in the Thesaurus Look Up dialog box and insert one of the alternate word choices.
This window appears when you select a word in a document and choose Thesaurus from the Edit menu or when you click Look Up in the Thesaurus Look Up dialog box.

Word | Displays the word you looked up-either the word |
| :--- |
| you selected before choosing the Thesaurus |
| command or the word you specified in the Thesaurus |
| Look Up dialog box. The pop-up menu lists the last |
| ten words you looked up. If you choose one of these |
| words, FrameMaker looks it up again. |

you selected before choosing the Thesaurus command or the word you specified in the Thesaurus Look Up dialog box. The pop-up menu lists the last ten words you looked up. If you choose one of these words, FrameMaker looks it up again.

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## SPELLING CHECKER AND THESAURUS

## Thesaurus (continued)

Look Up

Replace
Opens the Thesaurus Look Up dialog box where you specify a different word to look up and the language you want the Thesaurus to use.

To look up a synonym, antonym, or related word (in bold), click it.

Replaces the selected text in the document with the
word in the Word pop-up menu. If no text is selected, FrameMaker inserts the word at the insertion point.
If you click a synonym, antonym, or related word that appears in the Thesaurus window, that word appears in the Word pop-up menu. Then you can click Replace to insert that word in the document.

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## SPELLING CHECKER AND THESAURUS

## Thesaurus Look Up

Dialog box where you specify a word to look up in the Thesaurus. This dialog box appears when you choose Thesaurus from the Edit menu without first selecting a word in a document or when you click Look Up in the Thesaurus window.

Word

Language

Look Up

Specifies the word to look up.
Specifies the language you want FrameMaker to use when looking up the word. The pop-up menu lists the available language dictionaries.

Opens the Thesaurus window and displays
synonyms, antonyms, and related words for the word in the Word text box.

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## Menu of Syntax Descriptions

To see a syntax description, click an item in the list below. You can also choose an item from the Go To pop-up menu at the bottom of the page.

As Is setting in windows and dialog boxes

Autonumber building blocks

Cross-reference format building blocks

Variable definition building blocks

Special characters (Find/Change)
Wildcard characters
List specification
flows

Index specification flows

Hypertext commands
Index markers

## As Is setting in windows and dialog boxes

As Is is a setting you will see in these windows and dialog boxes:

Character Designer
Table Designer
Change to Character Format
Conditional Text
Custom Ruling and Shading

Paragraph Designer<br>Find Character Format<br>Find Conditional Text<br>Row Format

As Is may appear as a scroll list, an option in a pop-up menu, or a button in a window or dialog box. For example, the Conditional Text dialog box contains an As Is scroll list, and As Is appears on the Alignment pop-up menu in the Paragraph Designer.

The As Is setting has three purposes. In one case, FrameMaker changes properties to As Is status, and in the other two cases, you change the properties to As Is.

## As Is setting in windows and dialog boxes (continued)

When properties are set to As Is, text boxes are empty, checkboxes are gray, and As Is appears in pop-up menus.

When selecting items with different properties If you select paragraphs, text, or tables and they have different values for a property, the dialog box or window displays As Is for that property.

For example, if you select two paragraphs, one centered and the other left aligned, the Alignment pop-up menu in the Paragraph Designer will display As Is.

When changing several properties in designer windows If you want to change some but not all of the properties in the Paragraph, Character, or Table Designer, you can set the properties you don't want to change to As Is. When FrameMaker applies properties, it doesn't change properties set to As Is.

## As Is setting in windows and dialog boxes (continued)

For example, if you want to change all headings from centered to left aligned, but you want to leave the rest of their properties in the Paragraph Designer intact, you can turn on As Is, change only the alignment property, and then update all heading formats. FrameMaker will change only the alignment property of those formats.

When creating a character format When you create a character format, you use As Is to set it up so that FrameMaker changes only the designated property when you apply the format to specific text within a paragraph.

For example, you can create a character format called Emphasis that changes selected text to italics while leaving the font family or size as it is. By turning on As Is for these other settings, you tell FrameMaker to leave them as they are when it applies the format to text.

## SYNTAX DESCRIPTIONS

## Autonumber building blocks

## Special characters

To include any special character in an autonumber string, use its Hex code equivalent. These are listed in "Character Sets" in the Quick Reference.

The scrolling list of building blocks contains the following special characters:
Building block Effect

| lb | Inserts a bullet character |
| :--- | :--- |
| lt | Inserts a tab character |

## SYNTAX DESCRIPTIONS

## Autonumber building blocks (continued)

## Counters

Autonumbering displays numeric (n), alphabetic (a or A), and Roman numeral ( $r$ or R ) counters. Counters specified by a space (<>>, <+>, or < =1>) maintain a value, but the value is not displayed.

## Building block

Effect
<n>, <a>, <A>, <r>, <R>, or <> Displays the current counter value.
<n+>, <a+>, <A+>, <r+>, <R+>, or Adds one to the current counter value.
<+>
$<n=1>,<a=1>,<A=1>,<r=1>$,
$<R=1>$, or $<=1>$

Resets the counter to the specified value. You can specify any number.

## Autonumber building blocks (continued)

## Example

These autonumber formats are for a Harvard outline.

| Format | Result | Explanation |
| :--- | :--- | :--- |
| $\langle R+\rangle$. | I. | The roman numeral counter for the top level of the <br> outline is displayed. |

$<><A+>$ A. The second level counter is displayed. The top level keeps its value, but is not displayed.
$<><A+>$ B. The second-level counter has one added to it.
$<\mathrm{R}+>$ II. The top-level counter has one added to it. There's no second-level counter, so that value is cleared.
$<><A+>$ A. The second-level counter starts over at one.

## SYNTAX DESCRIPTIONS

## Cross-reference format building blocks

| Building block | Inserts |
| :---: | :---: |
| <\$pagenum> | The page number of the source paragraph, or the source cross-reference marker. |
| <\$paratext> | The text of the source paragraph. |
| <\$paratag> | The tag of the source paragraph. |
| <\$paranum> | The complete autonumber string of the source paragraph. |
| <\$paranumonly> | The autonumber string of the source paragraph, excluding any leading or trailing text. |
| <\$fullfilename> | The source document's full pathname. |
| <\$filename> | The source document's filename. |
| <\$pagenum[paratag]> | The page number of the nearest previous paragraph with the specified tag. |

## Cross-reference format building blocks (continued)

Building block Inserts
<\$paratext[paratag]> The text of the nearest previous paragraph with the specified tag.
<\$paratag[paratag]>
The tag of the nearest previous paragraph with the specified tag
<\$paranum[paratag]>
The autonumber string of the nearest previous paragraph with the specified tag.
<\$paranumonly[paratag]> The autonumber value of the nearest previous paragraph with the specified tag.
<Default T I Font> (and all other character format tags)

The character format into the definition. This format is applied to the cross-reference text that follows. The Building Blocks list contains all the formats in the Character Catalog.

## SYNTAX DESCRIPTIONS

## Variable definition building blocks

Available building blocks depend on the type of variable you're defining.

## Page Number variables

Building block Inserts
<\$curpagenum> The current page number.
<\$lastpagenum> The last page number of the file or book.
<\$paranum[paratag]> The autonumbering string of the nearest previous paragraph that has the specified tag.
<\$paranumonly[paratag]> The autonumbering value of the nearest previous paragraph that has the specified tag.
<Default TI Font> (and all other character format tags)

The character format into the definition. This format is applied to the variable text that follows. The Building Blocks scroll list contains all the formats in the Character Catalog.

## Variable definition building blocks (continued)

## Date variables

| Building block | Inserts |
| :--- | :--- |
| $<\$$ second $>$ | The second. |
| $<\$$ second00> | The second, including leading zeros. |
| $<\$$ minute> | The minute. |
| $<\$$ minute00> | The minute, including leading zeros. |
| $<\$$ hour> | The hour from 1 to 12. |
| $<\$$ hour01> | The hour from 1 to 12, including leading zeros. |
| $<\$$ hour24> | The hour from 1 to 24. |
| $<\$$ ampm> | The designation am or pm. |
| $<\$ A M P M>$ | The designation AM or PM. |

## SYNTAX DESCRIPTIONS

## Variable definition building blocks (continued)

## Date variables (continued)

Building block Inserts
<\$daynum> The number of the day.
<\$daynum01> The number of the day, including leading zeros.
<\$dayname> The name of the day.
<\$shortdayname> The abbreviated name of the day.
<\$monthnum> The number of the month.
<\$monthnum01> The number of the month, including leading zeros.
<\$monthname> The name of the month.
<\$shortmonthname> The abbreviated name of the month.
<\$year> The four-digit year.

## Variable definition building blocks (continued)

Date variables (continued)
Building block Inserts
<\$shortyear>
<Default ๆ $\ddagger$ Font> (and all other character format tags)

Inserts
The last two digits of the year.
The character format into the definition. This format is applied to the variable text that follows.
The Building Blocks scroll list contains all the formats in the Character Catalog.

## Variable definition building blocks (continued)

## Filename variables

| Building block | Inserts |
| :--- | :--- |
| <\$fullfilename> | The full pathname of the current file. |
| <\$filename> | The filename of the current file. |
| <Default $\mathbb{T}$ Font> | The character format into the definition. This format is |
| (and all other <br> character format <br> tags) | applied to the variable text that follows. <br> The Building Blocks scroll list contains all the formats in <br> the Character Catalog. |

## Variable definition building blocks (continued)

## Table Sheet variables

Building block Inserts
<\$tblsheetnum>
The number of the current text column that the table occupies.
<\$tblsheetcount>
<Default TI Font> (and all other character format tags)

The total number of text columns that the table occupies.
The character format into the definition. This format is applied to the variable text that follows.
The Building Blocks scroll list contains all the formats in the Character Catalog.

## Variable definition building blocks (continued)

## Header/Footer variables

Building block Inserts
<\$marker1>
The contents of the nearest previous marker of type Header/Footer\$1.
<\$marker2>
<\$paratext[paratag]>
The contents of the nearest previous marker of type Header/Footer\$2.

The text of the nearest previous paragraph with the specified tag.
<\$paranum[paratag]> The autonumber string of the nearest previous paragraph with the specified tag.
<\$paranumonly[paratag]> The autonumber value, excluding any leading or trailing text, of the nearest previous paragraph with the specified tag.

## Variable definition building blocks (continued)

## Header/Footer variables (continued)

| Building block | Inserts |
| :---: | :---: |
| <\$paratag[paratag]> | The tag of the nearest previous paragraph with the specified tag. |
| <\$condtag[hitag,...,lotag, nomatch]> | The highest ranking condition tag on the page. Ranking is from hitag to lotag. <br> If no condition tags on the page match, the last entry in the building block (nomatch) is displayed. Note that you must always follow lotag with a comma. |
| <Default ๆ Font> (and all other character format tags) | The character format into the definition. This format is applied to the variable text that follows. The Building Blocks scroll list contains all the formats in the Character Catalog. |

## SYNTAX DESCRIPTIONS

## Special characters (Find/Change)

For a complete list of special characters you can type in a dialog box, see "Character Sets" in the Quick Reference.
This sequence Searches for
It Tab characters
lr Forced return
lp End of paragraph
IP Beginning of paragraph

| Ist | Thin space |
| :--- | :--- |
| Is\# | Numeric space |


| Isn | En space |
| :--- | :--- |
| Ism | Em space |
| $\backslash$ | Backslash |

## Special characters (Find/Change) (continued)

| This sequence | Searches for |
| :--- | :--- |
|  |  |
| (space) | Nonbreaking space |
| L- | Discretionary hyphen |
| $\vdots$ | Suppress hyphenation symbol |
| $\backslash$ | Nonbreaking hyphen |
| $\backslash$ | End-of-flow symbol $^{\star}$ |
| $\langle<$ | Start of word $^{*}$ |
| $\backslash$ | End of word $^{*}$ |

* You can use these characters only in the Find text box.


## Wildcard characters

| This character | Finds |
| :--- | :--- |
| * (asterisk) | Zero or more characters, excluding spaces and punctuation |
| \| (vertical bar) | One or more spaces and punctuation characters that end a <br> word |
| $?$ | Any single character, excluding spaces and punctuation |
| $\wedge$ | Start of line |
| $\$$ | End of line |
| $[$ ab] | Any one of the characters in the brackets |
| $[\wedge$ ab] | Any character not in the brackets |
| $[\mathrm{a}-\mathrm{b}]$ | Any one character in a range <br> lother |
|  | Specified character (for example, l* searches for an <br> asterisk) |

$\square$ L

## SYNTAX DESCRIPTIONS

## List specification flows

Generated lists are formatted according to a special flow that is on a reference page. For each list you generate, FrameMaker creates a new reference page. The special flow contains paragraphs whose formats are the same as those in the generated list. These paragraphs contain building blocks that determine the contents of each list entry.
Building block Effect
<\$pagenum> Inserts the page number of the listed paragraph
<\$nopage> Excludes the page number of the listed paragraph
<\$paratext> Inserts the text of the listed paragraph
<\$paranum> Inserts the autonumbering string of the listed paragraph
<\$paranumonly> Inserts the autonumbering string of the listed paragraph, excluding any leading or trailing text

## List specification flows (continued)

## Example

| Paragraph tagged | Specifies |
| :--- | :--- |
| Heading1TOC | Section <\$paranumonly><\$nopage> |

Heading2TOC <\$paratext> <\$pagenum>
Heading3TOC <\$paratext> <\$pagenum>

Based on the preceding reference page specification, the generated table of contents would include the following:

## Section 1

First heading 1
A following topic 1
Another following topic 6
Just another heading 11

## Section 2

## List specification flows (continued)

## Hypertext links in lists

When you generate hypertext links in a list, FrameMaker inserts a paragraph in the specification flow to define the type of links generated. For example, when you generate an active table of contents, FrameMaker inserts a paragraph tagged ActiveTOC.
You should type the link definitions exactly as shown. Use the <\$relfilename> building block to generate a relative pathname from the generated list to the other document. The following examples all use <\$fullfilename>, which generates the complete path of the file.
You can generate five types of links:

- gotoObjectId <\$fullfilename>:<\$Objecttype> <\$ObjectId> displays the selected item centered in the current window.
- openObjectId <\$fullfilename>:<\$Objecttype> <\$ObjectId> displays the selected item centered in a new window.


## SYNTAX DESCRIPTIONS

## List specification flows (continued)

- gotopage <\$fullfilename>:<\$pagenumonly> displays the page in the current window with nothing selected.
- openpage <\$fullfilename>:<\$pagenumonly> displays the page in a new window with nothing selected.
- alert <\$fullfilename> displays an alert that shows the filename of the source document.


## SYNTAX DESCRIPTIONS

## Index specification flows

A generated index is formatted according to a special flow that is on a reference page.

The special flow contains paragraphs. The formats of these paragraphs determine what aspect of the index the paragraphs specify and the formats of the resulting entries.

## Paragraph formats in the index specification flow

Paragraph tagged Specifies

SeparatorsIX How to separate the page numbers

## Example:

1, 2-3
Multiple page numbers for one entry are separated by a comma and space. Page ranges are separated by a hyphen.

## Index specification flows (continued)

Paragraph formats in the index specification flow (continued)
Paragraph tagged Specifies

SortOrderIX
The sort order for the index entries

## Example:

<\$symbols><\$numerics><\$alphabetics>
The index will list symbols first, then numeric entries, and then alphabetic entries.

Level1IX Formatting of the different levels of index entries
Level2IX Example:
Level1IX
LeveI2IX
The index has two levels. First-level entries are flush left, and second-level entries are indented.

## Index specification flows (continued)

Paragraph formats in the index specification flow (continued)
Paragraph tagged Specifies

GroupTitlesIX The title for each sorted group of entries
Example:
Symbols[1 ];Numerics[0];
A;B;C;D;E;F;G;H;I;J;K;L;M;N;O;P;Q;R;S;T;U;V;W;X;Y;Z
Group titles will be bold in the index. Note that each title is separated by a semicolon.

IgnoreCharsIX
The characters to ignore when sorting the index entries
Example:

-     -         - 

Hyphens, en dashes and em dashes are ignored when the entries are sorted.

## Index specification flows (continued)

Paragraph formats in the index specification flow (continued)
Paragraph tagged

Specifies
IndexIX The contents and format of the page number to which each entry refers
Example:
<\$pagenum>
The page number for each entry will be bold in the index.

## Index specification flows (continued)

The paragraphs on the reference page contain building blocks, as shown here:

## Building blocks in the index specification flow

Building block Effect
<\$symbols> Used in the paragraph tagged SortOrderIX to specify <\$numeric> how the index entries are sorted. The order ascends <\$alphabetics> from left to right.
<\$pagenum> Inserts the number of the page containing the index marker. When this building block is in the paragraph tagged IndexIX, page numbers appear for each entry.

Excludes the page number of the index marker. When this building block is in the paragraph tagged IndexIX, the index has no page numbers.

## Index specification flows (continued)

## Hypertext links in indexes

When you generate hypertext links in an index, FrameMaker inserts a paragraph in the specification flow to define the type of links generated. For example, when you generate an active index, FrameMaker inserts a paragraph tagged ActiveIX.
You should type the link definitions exactly as shown. Use the <\$relfilename> building block to generate the name of a relative path from the generated file to the other document. The following examples all use <\$fullfilename>, which generates the complete path of the file.

You can generate five types of links:

- gotoObjectId <\$fullfilename>:<\$Objecttype> <\$ObjectId> displays the selected item centered in the current window.
- openObjectId <\$fullfilename>:<\$Objecttype> <\$ObjectId> displays the selected item centered in a new window.


## Index specification flows (continued)

- gotopage <\$fullfilename>:<\$pagenumonly> displays the page in the current window with nothing selected.
- openpage <\$fullfilename>:<\$pagenumonly> displays the page in a new window with nothing selected.
- alert <\$fullfilename> displays an alert that shows the filename of the source document.


## SYNTAX DESCRIPTIONS

## Hypertext commands

Hypertext markers embed links or commands in a document. When the document is view only, these markers execute the specified commands. The marker text specifies the command.

To see the syntax for a hypertext command, click a command in the list below.
alert
gotolink
gotolink firstpage
gotolink lastpage
gotopage
matrix

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

message system
message winexec
newlink
nextpage
openlink
opennew
openpage
popup
previouslink
previouspage
quit
quitall

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

## alert

Displays an alert box.
alert message
message is the message that appears in the alert box.
gotolink
Displays the page that contains a matching newlink.
gotolink filename:linkname
filename: identifies the file that contains the matching newlink. If the newlink is in the current file, filename: is not needed.
linkname is the name of the corresponding newlink.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

gotolink firstpage
Displays the first page of the document.
gotolink filename:firstpage
filename identifies a file other than the current one. To go to the first page of the current file, filename: is not needed.

## gotolink lastpage

Displays the last page of the document.
gotolink filename:lastpage
filename identifies a file other than the current one. To go to the last page of the current file, filename: is not needed.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

gotopage
Displays a specific page in the document.
gotopage filename:pagenumber
filename identifies a file other than the current one. To go to a specific page of the current file, filename: is not needed.
pagenumber is the number of the page to be displayed.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

## matrix

Divides the text column containing the marker into rows and columns of hypertext buttons. The commands for these buttons are specified in a text column on a reference page.
matrix rows columns flowname
rows specifies how many rows of buttons the text column will contain.
columns specifies the number of columns of buttons the text column will contain.
flowname is the name of the flow tag for the corresponding text column on the reference page.
Example:
matrix 23 MyCommands divides the text column into two rows and three columns of buttons. The hypertext commands are on a reference page in a text column tagged MyCommands. Each command is in a separate paragraph:

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

the first three paragraphs are for row 1, and the second three paragraphs are for row 2.
message system or message winexec
Starts another application, or executes any command you can execute from the command line in the Windows Run dialog box.
message system application pathname,windowstate
message winexec application pathname,windowstate application is the full pathname and filename of the application. pathname is the command-line parameter, if any. This is usually the pathname of a file for the application to open.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

windowstate specifies the state of the window that is opened. If windowstate is not specified, the window opens as SW SHOWNORMAL. The values you can use are:

SW_HIDE
SW_MINIMIZE
SW_RESTORE
SW_SHOW
SW_SHOWMAXIMIZED

SW_SHOWMINIMIZED
SW_SHOWMINNOACTIVE
SW_SHOWNA
SW_SHOWNOACTIVE
SW_SHOWNORMAL

Example:
message system pbrush.exe c:\ship.pcx,SW_MINIMIZE starts Paintbrush and opens the graphic file ship. pcx in a minimized window.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

## newlink

Identifies a destination for gotolink and openlink commands.
newlink linkname
linkname is a string that uniquely identifies the newlink. It is the target for openlink and gotolink commands that use the same linkname.

## nextpage

Displays the next page of the current document.
nextpage

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

## openlink

Opens a new document window and displays the page that contains a matching newlink.
openlink filename:linkname
filename identifies the file that contains the matching newlink. If the file containing the newlink is already open, this command displays the page without opening a new document window.
linkname is the name of the corresponding newlink.

## opennew

Opens the specified file as an untitled document in a new document window.
opennew filename
filename identifies the file to be opened.

## SYNTAX DESCRIPTIONS

## Hypertext commands (continued)

## openpage

Opens a new document window and displays a specific page in the document.
openpage filename:pagenumber
filename identifies a file other than the current one. If the file is already open, this command displays the page without opening a new document window.
pagenumber is the page number of the page to display.

## Hypertext commands (continued)

## popup

Displays a pop-up menu whose items execute hypertext commands. The menu items are specified in a text column on a reference page.
popup flowname
flowname is the name of the flow tag for the corresponding text column on the reference page.

Example:
popup MyCommands displays a pop-up menu. The items in the pop-up menu are specified in a text column tagged MyCommands. Each item is specified by a separate paragraph. The hypertext command for each item is specified by inserting a hypertext marker into its corresponding paragraph.

## Hypertext commands (continued)

## previouslink

Displays the last page the reader viewed.
previouslink
previouspage
Displays the previous page of the current document.
previouspage
quit
Removes the current document window from the screen.
quit

## SYNTAX DESCRIPTIONS

## quitall

Removes all view-only document windows from the screen. quitall

## SYNTAX DESCRIPTIONS

## Index markers (continued)

## Index markers

The marker text determines what appears in the index, how the entry is sorted, the page number style for the entry, and the font for the entry. The following table shows options for index entries plus sample entries.

You can use building blocks in marker text to control the form of the index entry and its location in the index.

## Building block

## Effect

: (colon) Separates levels in an entry
; (semicolon) Separates entries in a marker
[ ] (brackets)
<\$startrange>
<\$endrange>

Specifies a special sort order for the entry
Indicates the beginning of a page range
Indicates the end of a page range

## SYNTAX DESCRIPTIONS

## Index markers (continued)

Building block

## <\$nopage>

<\$singlepage>

Effect
Suppresses the page number in the entry
In a marker that contains several entries, restores the page number for an entry that follows a <\$nopage> building block

Character format tag, in angle brackets (<>)
<Default Para Font>

Changes the character format

Restores the paragraph's default font

## Examples

| Index entry | Marker text | Explanation |
| :--- | :--- | :--- |
| coffee 10 | coffee | A simple entry is created. |

## SYNTAX DESCRIPTIONS

## Index markers (continued)

## Examples (continued)

| Index entry | Marker text | Explanation |
| :--- | :--- | :--- |
| tea <br> english 10 | tea:english | Multiple levels are allowed. The <br> colon separates levels of the <br> index entry. |
| english tea 10 <br> tea 10 | tea;english tea | Multiple entries are allowed. <br> The semicolon separates <br> entries. |
| 6800010   <br> (entry under S) $68000[$ sixtyeight] The entry is sorted as if it were <br> the text in brackets. The text in <br> brackets can contain multiple <br> entries separated by <br> semicolons. |  |  |

## SYNTAX DESCRIPTIONS

## Examples (continued)

## Examples (continued)

| Index entry | Marker text | Explanation |
| :--- | :--- | :--- |
| Oolong, see <br> Specialty | Oolong, see Specialty <br> $<\$ n o p a g e>$ | The entry doesn't have a page <br> number. |
| Tea 10-12 | $<\$$ startrange $>$ Tea <br> $<\$$ endrange $>$ Tea | The range is specified using <br> two markers. The first marker is <br> on page 10 and the second <br> marker is on page 12. |
| coffee 10 | coffee<bold> | A character format named bold <br> is applied to the page number. |

## TABLES

## Introduction

Every table in a FrameMaker document has a format, which is made up of properties that determine its appearance, including its regular cell margins, title position, the style of ruling and shading, and default paragraph formats.

## Help on Tables

For information on tables, click an item in the topic list to the right, or click an active area below.

The Insert Table dialog box inserts a new blank table with the format you specify.
The Table Designer contains controls for creating, editing, and applying table formats.

The Row Format dialog box customizes a row's height limits and placement.
The Custom Ruling and Shading dialog box contains controls for changing the ruling and shading of specific cells in a table.
The Add Rows or Columns and Resize Selected Columns dialog boxes contain controls for changing the default properties of individual tables.

The Convert to Table dialog box converts selected text to a table.

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## Insert Table

## Table menu > Insert Table

Dialog box where you insert a new blank table into text. You cannot insert a table in a footnote. You can insert a table in another table if the cell contains a text column within an anchored frame.

Table Tag

Table Format

Specifies the name of the Table Catalog format you want to use for the new table.

Lists the formats available in the document's Table Catalog. If you select a format in this list, its name appears in the Table Tag text box.

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## Insert Table (continued)

## Columns

Body Rows
Heading Rows
Footing Rows

Sets the number of columns.
Sets the number of rows in the body of the table.
Sets the number of rows in the table heading.
Sets the number of rows in the table footing.

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## Table Designer

## Table menu > Table Designer

Window where you create and change table formats, store them in the Table Catalog, and apply them to tables in the document.
The Table Designer window displays many of the properties you can set for a table. Changes you make in the designer window do not take effect in the current table until you apply the changes or update the catalog format.

Table Tag
Shows the tag (name) of the current table. You can choose a different tag from the pop-up menu to display the properties of a particular catalog format, or you can type a new name in the text box to rename or create a format.
If you hold down the Shift key while choosing from the pop-up menu, FrameMaker displays the properties of the chosen catalog format without changing the tag in the text box.

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## Table Designer (continued)

Properties Lists the three groups of properties available in the Table Designer. When you choose a group from the pop-up menu, the properties in that group are displayed in the designer window. You can change property settings to modify a table format or create a new format.

When you click in a table, the designer window displays the properties of that table, which may or may not match the properties of the catalog format that has the same tag.

If you change any of the properties in a group, you must apply them to the current table before you can display a different group.

Basic Displays Basic properties for setting a table's indents, spacing, alignment, paragraph numbering, title position, default cell margins, and orphan control.

Ruling Displays Ruling properties for setting the table's regular ruling.

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## Table Designer (continued)

Shading Displays Shading properties for setting the table's regular shading.

Apply To Selection Applies all properties from all property groups (including the tag in the Table Tag text box) to the selected tables. The corresponding catalog format is not updated.
If you haven't changed any properties, clicking Apply To Selection applies the catalog format displayed in the Table Tag text box to the current table. The table's default properties that are not set in the Table Designer, such as the number of rows and columns and paragraph formats, are not changed.
If you have changed any properties, clicking Apply To Selection creates a format override in the current table. This means that the table's format no longer matches the catalog format that has the same tag.

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## Table Designer (continued)

## Update All Formats Tagged

Updates the catalog format that has the tag shown, as well as all tables in the document that have the same tag. All properties from all property groups are updated. If the tag in the Table Tag text box is different from the tag shown here, the format is renamed.

The catalog format's default properties not set in the Table Designer, such as paragraph formats, are also updated, but they are not updated in existing tables.

Commands Displays table formatting commands.
New Format Opens the New Format dialog box where you can store the current table's format in the Table Catalog.
Global Update Options Opens the Global Update Options dialog box where you can specify which properties to update for specific catalog formats.

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## Table Designer (continued)

Delete Format Opens the Delete Formats from Catalog dialog box where you can delete formats from the Table Catalog.

Set Window to As Is Changes all properties in the Table Designer to As Is. Use this command if you want to change only certain properties. After changing properties to As Is, set only those properties you want to change. When you click Apply or Update All, FrameMaker will not update properties set to As Is.

Reset Window from Selection Changes all properties in the Table Designer to match those of the current table. Use this command before clicking Apply or Update All if you don't want to keep the changes you've made and want to return to the original properties.

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## Basic properties

The Basic property group is where you set a table's position and alignment on the page, regular cell margins, title position, and paragraph numbering. You display this group of properties by choosing it from the Properties popup menu in the Table Designer.

| Indents | Sets the horizontal position of the table's edge <br> relative to the text column when the table is left <br> aligned, centered, or right aligned. Left-aligned tables <br> ignore the right indent, and right-aligned tables ignore <br> the left indent. Centered tables ignore both indents. |
| :--- | :--- |
| Space | Sets the space above and below the table (including <br> the table title, if there is one). FrameMaker <br> determines the space between the table and the <br> preceding paragraph by using either the paragraph's <br> space below or the table's space above, whichever is <br> larger. Similarly, to determine the space between the <br> table and the following paragraph, it uses either the <br> table's space below or the paragraph's space above, <br> whichever is larger. |

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## Basic properties (continued)

If the table is at the top of a column, FrameMaker ignores the Space Above value. If it's at the bottom of a column, FrameMaker ignores the Space Below setting.

Alignment

Start
Determines the table's horizontal position within the left and right indents. Tables can be left aligned, right aligned, or centered.

Specifies where the table starts on the page.
Anywhere Positions the table in the next place it fits: either in the current text column or at the top of the next column in the flow.

Top of Column Starts the table at the top of the next column.

Top of Pagel
Top of Left Pagel
Top of Right Page

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## Basic properties (continued)

Float Lets the table move to the first column in which it will fit without also moving the line of text containing the table's anchor symbol.


Float on


Float off

With Float turned off, the table and anchor symbol must be in the same column.

With Float turned on, the table floats to the next column that has room.

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## Basic properties (continued)

| Numbering | Specifies the direction of paragraph autonumbering in <br> table cells. This property also directs the numbering <br> of table footnotes. |
| :--- | :--- |
| Row First Numbers paragraphs and footnotes <br> sequentially across rows. <br> Column First Numbers paragraphs and footnotes <br> sequentially down columns. |  |
| Title Position | Positions the title above or below the table or <br> specifies that the table will not have a title. <br> Gap Sets the distance between the title and the top <br> or bottom of the table. |

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## Basic properties (continued)

## Orphan Rows

Default Cell
Margins

Determines where the table can break between text columns. Orphan Rows are the minimum number of rows that can appear alone at the top or bottom of a column.

You can use this property to specify that a table should not break between columns. To do this, specify a large number in the Orphan Rows text box. The maximum setting is 100 rows.

Sets the distances between the edges of all table cells and text in the cells. To adjust the margins for specific cells, use the Table Cell properties in the Paragraph Designer.
The Indent properties of each paragraph in a cell are measured from the cell margins.

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## Ruling properties

The Ruling property group is where you set a table's regular ruling for columns and rows. You display this group by choosing it from the Properties pop-up menu in the Table Designer.

To change the ruling for specific cells, use the Custom Ruling \& Shading command on the Table menu.

Column Ruling Sets ruling for the right edges of columns.
For example, the first column can have a thick rule, while remaining columns have thin rules.

| $\mp$ | 1992 |  | 1993 |  | 1994 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\square$ |  |  |  |  |  |  |
| $\square$ |  |  |  |  |  |  |
| $\square$ |  |  |  |  |  |  |
| - |  |  |  |  |  |  |
| $\square$ |  |  |  |  |  |  |

Left pop-up menu Designates a column for a special ruling.

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## Ruling properties (continued)

Middle pop-up menu Sets the ruling style for the column specified in the left pop-up menu. If you don't want a special column ruling, choose None.

Others Specifies the ruling style for the remaining columns. If you don't want ruling between columns, choose None.

Body Row Ruling Sets the ruling between rows in the body of the table. For example, every other body row can have a thick rule, while remaining rows have thin rules.


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## Ruling properties (continued)

Left pop-up menu Designates a pattern for special ruling between body rows.

Middle pop-up menu Sets the ruling style for the pattern specified in the left pop-up menu. If you don't want a special ruling pattern, choose None.
Others Specifies the ruling style between the remaining body rows. If you don't want ruling between body rows, choose None.

Heading and Footing Ruling

Sets the ruling for heading and footing rows.
For example, heading rows can have a double rule and be separated from body rows by a thick rule.


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## Ruling properties (continued)

Separators Specifies the ruling style that separates heading and footing rows from body rows. If you don't want separator ruling, choose None.

Rows Specifies the ruling style between rows in multiple-row headings and footings. If you don't want ruling between heading and footing rows, choose None.

Outside Ruling
Specifies the ruling style for the top, bottom, left, and right edges of the table. If you don't want outside ruling, choose None from the pop-up menus.
Draw Bottom Ruling on Last Sheet Only In multipage tables, draws the bottom rule only on the last page of the table.

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## Shading properties

The Shading property group is where you set a table's regular shading for rows and columns. You display this group by choosing it from the Properties pop-up menu in the Table Designer.

To change the shading for specific cells, use the Custom Ruling \& Shading command on the Table menu.

> Heading and Footing Shading

Specifies the shading for heading and footing rows.
Fill Fills the rows with white or a percentage of the color set in the Color pop-up menu. If you don't want heading and footing shading, choose None.

Color Specifies the color for heading and footing row shading.

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## Shading properties (continued)

## Body Shading

Specifies a shading pattern for the rows or columns in the body of the table.

Shade By Determines whether the shading pattern you specify is applied to body rows or columns.
First Specifies the row(s) or column(s) where the pattern begins. These rows/columns will have the Fill and Color you specify here.
Fill determines how dark the color will be-the higher the fill percentage, the darker the color. If you don't want shading in these rows/columns, choose None from the Fill pop-up menu.

For an example of a shading pattern, see Next.

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## Shading properties (continued)

Next Specifies the remainder of the pattern. If you don't want shading in these rows/columns, choose None from the Fill pop-up menu.

For example, to create a shading pattern where every third and fourth rows are a light shade of green, you would use these settings:
Shade By: Body Row(s)
First: 2
Fill: None
Color: Any color
Next: 2
Fill: 10\%
Color: Green

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## Apply Changes

Dialog box where you specify how you want to apply or update the changes you made in the Table Designer window before you can display a different property group. This dialog box appears if you select a property group from the Properties pop-up menu without applying the current properties.

## Apply Changes To Selection

Update All
Formats Tagged:

Don't Apply

Applies the properties to the current table but does not update the corresponding Table Catalog format. FrameMaker then displays the group of properties you requested.

Updates the properties of the Table Catalog format that has the tag shown and of all tables in the document that have the same tag. FrameMaker then displays the group of properties you requested.

Disregards the changes you made and displays the requested group of properties. The properties you changed revert to their previous values.

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## TABLES

## New Format

Dialog box where you create a new table format and store it in the Table Catalog. You open this dialog box by choosing New Format from the Commands pop-up menu in the Table Designer. Once the format is stored in the Table Catalog, you can apply the format to other tables in the document, and FrameMaker will update the tables' properties to match it.

Tag Assigns a unique name to the format you're storing.
Store in Catalog Stores the new format in the Table Catalog.
You can choose not to store the format in the catalog if you don't want the format overwritten or copied to another document when using the Import > Formats command.

Apply to Selection Applies the format to the selected tables. The table's default properties that are not set in the Table Designer, such as the number of rows and columns and default paragraph formats, are not updated.

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## Global Update Options

Dialog box where you can globally retag all tables that currently have a different tag or update specific properties of particular Table Catalog formats. You open this dialog box by choosing Global Update Options from the Commands pop-up menu in the Table Designer.
If you're retagging tables, choose the format you want to apply from the Table Tag pop-up menu (in the designer window) before choosing this command. If you're updating properties of catalog formats, delete the tag in the Table Tag text box before choosing the command. Doing this prevents FrameMaker from applying a new tag to tables.

## Use Properties in the Table Designer

Specifies which properties to update.
All Properties Updates all properties in all property groups. Use this setting if you're retagging tables.
... Only Updates only the current group of properties. Use this setting if you're updating properties of catalog formats. If you want to update only one or two properties in the group, you should change the

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group's properties to As Is in the designer window and then set up the properties you want before displaying this dialog box. Otherwise, all properties in the group will be updated.

## Update Table

 FormatsSpecifies which table formats to update.
All Tables and Catalog Entries Retags or updates all tables in the document and all table formats stored in the catalog.
All Matching Tags in Selection Retags or updates all tables in the document and all formats in the catalog that have tags matching those in the selected table.

All Tagged Retags or updates tables that have the tag you specify in the text box. The pop-up menu lists all formats in the Table Catalog.

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## Some tables use format overrides

Alert where you specify how you want to update existing tables with changes to a Table Catalog format. This alert appears if FrameMaker detects format overrides in existing tables when you use the Table Designer to update a catalog format. (A format override occurs when you apply a property to a table without updating the catalog format that has the same tag.)

Retain Overrides Leaves format overrides intact and updates the table's remaining properties to match the catalog format's properties. Use this option to preserve overrides such as page breaks.

Remove Overrides Removes format overrides and updates the table's format to match the catalog format.

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## Delete Formats from Catalog

Dialog box where you delete a format from the Table Catalog. You open this dialog box by choosing Delete Format from the Commands pop-up menu in the Table Designer.

| Formats | Specifies the format you want to delete from the <br> Table Catalog. The scroll list displays all formats in <br> the catalog. |
| :--- | :--- |
| Delete | Deletes the selected format from the Table Catalog. <br> You can delete additional formats if you want. The <br> formats are not actually deleted from the catalog until <br> you click Done. |

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## Row Format

## Table menu > Row Format

Dialog box where you customize the height limits of a row and the page breaks within a table. Custom height limits and page breaks are retained if you apply a new table format to a table.

Height Limits
Minimum Specifies how short the current row can be. If you want to increase the height of a row to add white space, you can specify a larger number here. You can use this setting to make all rows the same height by making each row the height of the tallest row.

Maximum Specifies how tall the current row can be. If a row becomes too tall when you rotate a cell, specify a smaller number here to reduce the row's height and force the text in the cell to wrap.

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## Row Format (continued)

\(\left.$$
\begin{array}{ll|l}\hline \text { Start Row } & \begin{array}{l}\text { Specifies where the current row starts on the page. If } \\
\text { the Start setting in the Table Designer window is } \\
\text { Float, FrameMaker ignores this setting. } \\
\text { Anywhere Positions the row wherever it fits: either } \\
\text { below the preceding row or at the top of the next text } \\
\text { column in the flow. } \\
\text { Top of Column Positions the row at the top of the } \\
\text { next column. } \\
\text { Top of Page/Top of Left Page/Top of Right Page } \\
\text { Starts the row at the top of the next indicated page. }\end{array} & \begin{array}{l}\text { Table Designer } \\
\text { Basic properties }\end{array}
$$ <br>
Ruling properties <br>
Shading properties <br>
Apply Changes <br>

New Format\end{array}\right\}\)| Global Update |
| :--- |
| Options |
| Some tables use |
| format overrides |
| column as the next row. |
| Previous Row Keeps the current row in the same |
| text column as the previous row. |

## TABLES

## Custom Ruling and Shading

## Table menu > Custom Ruling \& Shading

Window where you customize the ruling and shading for specific cells in a table, restore the regular ruling and shading, show the current ruling and shading for selected cells, and edit the ruling styles available in the document. Custom ruling and shading is retained if you apply a new table format to a table.

## Custom Cell Ruling

Specifies the ruling style you want to apply to selected cells and where to apply it.
Apply Ruling Style Determines the ruling style for the specified cell edges. The scroll list displays the ruling styles that have been defined in the document.

- From Table Restores the regular ruling specified in the Table Designer.
- None Removes ruling.

To Selection Specifies where to apply the ruling style.

- Outside Edge Applies the ruling to the top,

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## Custom Ruling and Shading (continued)

bottom, left, and/or right borders of the selected area.


- Inside Borders Applies the ruling to the inside row and/or column borders of the selected area.


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## Custom Ruling and Shading (continued)

Edit Ruling Style

## Custom Cell Shading

Opens the Edit Ruling Style dialog box where you create or edit ruling styles.

Specifies the shading you want to apply to selected cells and where to apply it.

Fill Fills the cells with white or a percentage of the color.

- From Table Restores the regular fill specified in the Table Designer.
- None Removes the fill.

Color Sets the fill color.

- From Table Restores the regular fill color specified in the Table Designer.


## Show Current Settings

Opens the Current Selection's Settings dialog box which shows the ruling and shading of the selected cells.

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## Edit Ruling Style

Dialog box where you create, change, or delete ruling styles. You open this dialog box by clicking Edit Ruling Style in the Custom Ruling and Shading window.

Ruling styles are stored with the document. You can see the styles in the Custom Ruling and Shading window, as well as on the pop-up menus in the Ruling properties of the Table Designer. When you change a ruling style, it affects all tables in the document that use that style.

Name

Color

Specifies the name of the ruling style you want to create, change, or delete. Initially, this text box contains the name of the ruling style selected from the scroll list in the Custom Ruling and Shading window.

Assigns a color to the ruling style. The pop-up menu lists the colors that have been defined in the document.

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## Edit Ruling Style (continued)

| Pen Pattern | Sets the darkness of the specified color. The pen <br> pattern can be white or a percentage of the color; the <br> higher the percentage, the darker the color. |
| :--- | :--- |
| Width | Specifies the line width of the ruling style. The width <br> can be between 0.015 and 360 points. |
| Number of Lines $\quad$Specifies a single or double line as the ruling style. <br> Gap Sets the space separating the lines in a double- <br> line style. The gap can be between 0.015 and 360 <br> points. |  |
| Delete $\quad$Deletes the ruling style. If the ruling style is part of a <br> table's regular ruling, FrameMaker changes the <br> occurrences to use no ruling. If it is used for custom <br> ruling, FrameMaker restores the table's regular <br> ruling. |  |

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## Current Selection's Settings

Dialog box that displays the ruling styles, fill, and color of selected cells. You open this dialog box by clicking Show Current Settings in the Custom Ruling and Shading window.

Outside Edge Ruling Styles

Fill
Shows the fill percentage of the cells.
Mixed If you selected multiple cells, the cells use more than one fill.

From Table The cells use the regular fill specified in the Shading properties of the Table Designer.

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## Current Selection's Settings (continued)

(a fill pattern) The cells use this fill instead of the table's regular fill.

Shows the fill color of the cells.
Mixed If you selected multiple cells, the cells use more than one color.

From Table The cells use the regular color specified in the Shading properties of the Table Designer.
(a color) The cells use this color instead of the table's regular color.

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## Add Rows or Columns

## Table menu > Add Rows or Columns

Dialog box where you can add rows or columns to a table. New rows and columns take their cell formats from the current row or column.

Add Rows

Add Columns

Determines the number of rows you want to add. Choose from the pop-up menu to specify where to put the new rows. You can add rows above or below the current row or add them to the heading or footing.

Determines the number of columns you want to add. Choose from the pop-up menu to specify where to put the new columns. You can add columns to the left or right of the current column.

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## Resize Selected Columns

## Table menu > Resize Columns

Dialog box where you can change the width of selected columns in a table. You can also resize a column by selecting a cell in the column and dragging its handle.

| To Width | Changes the selected columns to the width specified <br> in the text box. The text box initially shows the width <br> of the leftmost selected column. |
| :--- | :--- |
| By Scaling | Scales the selected columns to the percentage <br> specified in the text box. The columns retain their <br> relative proportions. |
| To Width of | Changes the selected columns to the width of the <br> column specified in the text box. Columns are |
| numbered from left to right. |  |

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## Resize Selected Columns (continued)

## To Equal Widths Totalling

By Scaling to Widths Totalling

To Width of Selected Cells' Contents

Makes the selected columns the same width and fits them within the total width specified in the text box. The text box initially shows the total width of the selected columns.

Scales the selected columns so they fit within the total width specified in the text box while retaining their relative proportions. The text box initially shows the total width of the text column containing the table. To make the whole table as wide as the text column, use this initial setting.

Changes each selected column to accommodate the widest content in the selected cells. The text box initially shows the maximum width you can use. To resize a column so none of the paragraphs in the column wrap, use this initial setting. If you selected a single cell such as a column heading, use the initial setting to make the column just wide enough to contain the text in the cell.

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## Straddle/Unstraddle

## Table menu > Straddle (Unstraddle)

Command that straddles (combines) and unstraddles cells. When you straddle cells, the result is a single cell that is the size of the selected cells combined.

When you straddle selected cells, FrameMaker merges their contents into the new single cell. The content of each straddled cell begins in its own paragraph. You can straddle only cells that are the same type (body, heading, or footing).
When you select a straddled cell, the command name changes to Unstraddle. When you unstraddle selected cells, FrameMaker puts their contents in the new upper-left cells. You can unstraddle more than one cell at a time.

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## Convert to Table/Paragraphs

## Table menu > Convert to Table

## Table menu > Convert to Paragraphs

The command in the menu changes to reflect the current selection. If text is selected, the command is Convert to Table. If a table is selected, the command is Convert to Paragraphs.

## Convert to Table

Dialog box where you can convert paragraphs to a table. This dialog box also appears when you import text files if you turn on Convert to Table in the Reading Text File dialog box.

See Convert to Paragraphs for help on converting a table to paragraphs. Table Tag Specifies the table format.

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## Convert to Table/Paragraphs (continued)

Table Format

## Treat Each <br> Paragraph As

Lists the formats in the Table Catalog. If you select a format, its tag appears in the Table Tag text box.

Specifies how paragraphs should be divided into cells.

A Row with Cells Separated By Converts each paragraph to a row and specifies the character that separates text into cells.

- Tabs Uses the tabs in each paragraph to separate text into cells.
- Spaces Uses the number of spaces specified in the text box to separate text into cells.
- Other Uses the character specified in the text box to separate text into cells.
A Cell Converts each paragraph to a cell, creating the number of columns specified in the text box. This setting is useful for converting bulleted or other lists to tables.

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## Convert to Table/Paragraphs (continued)

Leave Heading Rows Empty

Specifies the number of rows in the heading of the new table. If the text you're converting includes column headings, they will appear in these rows.

Creates empty heading rows in the new table. Use this setting if the text you're converting doesn't have column headings, but you intend to add them. You can also add heading rows later, after the table is created (see Add Rows or Columns).

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## Convert to Table/Paragraphs (continued)

## Convert to Paragraphs

Dialog box where you can convert a table to paragraphs. FrameMaker converts each cell in the table to a separate paragraph.
See Convert to Table for help on converting paragraphs to a table.
Row by Row
Converts cells to paragraphs one row at a time, starting with the top-left cell. First each cell in row 1 is converted, then each cell in row 2 , and so on.

Column by Column Converts cells one column at a time, starting with the top-left cell. First each cell in column 1 is converted, then each cell in column 2 , and so on.

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## Copy Table Column Width

## Edit menu > Copy Special > Table Column Width

Command that copies the width of the selected table column to the Clipboard. You can then use the Paste command to paste the column width to another column in the same or another table. The copied column width remains on the Clipboard until you cut or copy something else.

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## Clear Table Cells

Dialog box where you specify what you want to delete from a table. This dialog box appears when you select a row or column and press Delete or choose Clear from the Edit menu.

Leave Cells Empty Deletes the contents of the cells, but leaves the empty cells in the table.

Remove Cells from Table

Deletes the cells and their contents from the table.

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## Cut Table Cells

Dialog box where you specify what you want to delete from a table. This dialog box appears when you select a row or column and choose Cut from the Edit menu. The row or column is stored on the Clipboard, so you can paste it elsewhere.

Leave Cells Empty Deletes the contents of the cells, but leaves the empty cells in the table.

Remove Cells Deletes the cells and their contents from the table. from Table

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## Paste Rows

Dialog box where you specify where you want to paste table rows. This dialog box appears after you cut or copy entire rows to the Clipboard and then choose the Paste command.

Insert Above Current Rows

Insert Below Current Rows

## Replace Current Rows

Pastes the rows above the current rows.

Pastes the rows below the current rows.

Removes the current rows and inserts the rows from the Clipboard in their place.

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## Paste Columns

Dialog box where you specify where you want to paste table columns. This dialog box appears after you cut or copy entire columns to the Clipboard and then choose the Paste command.

Insert Left of Current Columns

Insert Right of Current Columns

Replace Current Columns

Pastes the column to the left of the current columns.

Pastes the column to the right of the current columns.

Removes the current columns and inserts the columns from the Clipboard in their place.

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## VARIABLES

## Introduction

A variable is a placeholder for text, such as the date or a product name, that you can define once and use repeatedly in a document. When you change the definition, FrameMaker updates it throughout the document.
FrameMaker provides system variables such as the date, filename, and

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## Help on variables

For information on variables, click an item in the topic list to the right or click an active area below.

The Variable dialog box contains controls for inserting variables and for displaying other dialog boxes to define and maintain variables.

The Edit User Variable dialog box is where you add, change, and delete user variables.

The Edit System Variable dialog box is where you change the definition of system variables.

The Convert Variables to Text dialog box converts variables to editable text.
For a description of the building blocks you use to define variables, see Variable definition building blocks in Syntax Descriptions.

## VARIABLES

## Variable

## Special menu > Variable

Dialog box where you can insert or replace a variable in a document and create, edit, or delete a variable definition. You can also convert a variable to editable text and update a system variable on body and reference pages.
A variable is a placeholder for text, such as a date or product name, that you can define once and use repeatedly in a document. When you change the definition, FrameMaker updates it throughout the document.

| Variables | Lists system and user variables that are appropriate <br> for the current page type (body, master, or reference). |
| :--- | :--- |
| Create Variable | The definition of the variable selected in the scroll list <br> appears below the scroll list. |
| Edit Definition | Opens the Edit User Variable dialog box where you <br> define, edit, or delete a new user variable. |
| Opens the Edit User Variable or Edit System Variable <br> dialog box where you edit the selected variable. |  |

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## Variable (continued)

Convert to Text Opens the Convert Variables to Text dialog box where you change variables to editable text.

Update
Updates all system variables on body and reference pages.

Insert
Inserts the variable at the insertion point.
If a variable or text is selected when you choose the Variable command, this button changes to Replace. The variable will replace the selected text or variable.

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## Edit User Variable

Dialog box where you define a user variable, edit its definition, or delete it. You open this dialog box by clicking Create Variable in the Variable dialog box or by selecting a user variable in the Variables scroll list and then clicking Edit Definition.
User variables are placeholders for text you define and expect to change later. For example, you can use a variable for the temporary, working name of a manual, and then change the definition later when the manual's official name is determined. When you change the variable's definition, FrameMaker updates the definition in the text.

| Name | Specifies the name of the variable to create, edit, or <br> delete. |
| :--- | :--- |
| Definition | Shows the definition of the variable. The definition <br> can contain text and character formats from the <br> Character Formats scroll list. It can be up to 255 |
| characters long. You can add nonbreaking spaces |  |
| and special hyphenation to it. Spaces and |  |
| punctuation appear in the document exactly as you |  |
| type them in the definition. |  |

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## VARIABLES

## Edit User Variable (continued)

User Variables $\quad$| Lists the user variables already defined for the |
| :--- |
| document. When you select one of these variables, |
| its name and definition appear in the text boxes. |

Character Formats Lists the formats in the Character Catalog.
To change the character format in the definition, put the insertion point in the Definition text box and click the format in the scroll list. The format affects only the text that follows it in the definition.

To change back to the paragraph's default font, click <Default $\mathbb{I}$ Font> in the scroll list.

Add
Adds the new definition to the document. If the variable already exists, this command replaces the old definition with the new one. When you click Done, the variable is updated wherever it appears in the document.

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## Edit User Variable (continued)

## Change

Delete

Applies the changes to the variable shown in the Name text box. When you click Done, the variable is updated wherever it appears in the document.

Deletes the variable shown in the Name text box. When you click Done, the variable is converted to regular text wherever it appears in the document.

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## VARIABLES

## Edit System Variable

Dialog box where you change the definition of a system variable. You cannot create system variables or change their names, but you can edit their definitions. You open this dialog box by selecting a system variable in the Variables scroll list (in the Variable dialog box) and then clicking Edit Definition.

System variables have values that FrameMaker can update, such as the current date or current page number. Many system variables are useful in page headers and footers. If the value changes from page to page in the document (for example, the current page number), FrameMaker does not display a value on the master page. Instead, it uses a symbol (such as \# for the current page number) or displays the name of the variable (such as Running H/F 1).
After you change a definition, FrameMaker updates the variable's definition to reflect the change wherever it occurs in the document. FrameMaker also updates the value of the variable (for example, the date in a Current Date variable) if it's on a master page. However, to make the correct value appear for system variables inserted directly on body and reference pages, you must use the Update button in the Variable dialog box, or wait for FrameMaker to update them the next time you open the document.

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## Edit System Variable (continued)

Name Shows the name of the system variable.

Definition

Building Blocks Building Blocks scroll list. It can be up to 255 characters long. You can add nonbreaking spaces and special hyphenation to it. Spaces and punctuation appear in the document exactly as you type them in the definition.

Lists the system values you can use in the definition.

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Convert Variables to Text Building blocks begin with a dollar sign (\$). For a description of the building blocks, see Variable definition building blocks in Syntax Descriptions.
To insert an item from the scroll list into the definition, put the insertion point in the Definition text box and click the item in the scroll list.
The scroll list also includes the character formats in the document's Character Catalog.

VARIABLES

## Edit System Variable (continued)

To change the character format of text in the definition, type the format in angle brackets or insert the format from the Building Blocks scroll list. The format affects only the text that follows it in the definition.
To change back to the paragraph's default font, insert <Default II Font> in the definition.

Variable
Edit User Variable
Edit System Variable
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## VARIABLES

## Convert Variables to Text

Dialog box where you convert variables in the document to regular text that you can edit. You open this dialog box by clicking Convert to Text in the Variable dialog box.

You can replace, cut, or copy a variable, but you cannot directly edit it without first converting it to regular text. If you convert a variable to text, FrameMaker will not update the text when the variable's definition changes. You cannot undo this conversion.

Variables in Current Converts only the variables in selected text. Selection

Variables Named Converts all occurrences of the variable selected in the scroll list.

All Variables Converts all variables in the document.

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## CROSS-REFERENCES

## Introduction

You can insert cross-references to refer readers to related information in the current or another document. FrameMaker provides page numbers and headings from the source of the cross-reference and can update them if they change.

## Help on cross-references

For information on the controls for creating and managing cross-references, click an item in the topic list to the right or click an active area below.
The Cross-Reference dialog box contains controls to insert and maintain cross-references. The Edit Cross-Reference Format dialog box is where you define cross-reference formats.

If text or numbering at the source changes, you use the Update CrossReferences dialog box to update cross-references. The Update Unresolved Cross-References dialog box is where you specify the location of source information if FrameMaker can't find it while updating.

The Convert Cross-References to Text dialog box converts references to editable text.

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## CROSS-REFERENCES

## Cross-Reference

## Special menu > Cross-Reference

Dialog box where you insert a cross-reference in text; create, edit, or delete cross-reference formats; update cross-references; display the source of a cross-reference; and convert cross-references to editable text.

There are two kinds of cross-references. A paragraph cross-reference refers to a whole paragraph, such as a heading or figure title. When you insert a paragraph cross-reference, FrameMaker puts a cross-reference marker at the beginning of the source paragraph to identify it as the source of a cross-reference.

A spot cross-reference refers to a specific word or phrase. FrameMaker does not insert spot cross-reference markers. You must place a Cross-Ref marker in the text using the Marker window before you insert a spot crossreference.

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## CROSS-REFERENCES

## Cross-Reference (continued)

Source Document Specifies the document that contains the source information for the cross-reference. The pop-up menu lists the documents currently open.

## Source Type

Lists the tags of all paragraph formats in the source document's catalog. Also contains the item Cross-Ref Markers.

To refer to a paragraph in the source document, click the paragraph's tag. To refer to a spot crossreference marker, click Cross-Ref Markers.

Reference Source Lists the first line of each paragraph in the source document whose tag matches the selection in the Source Type scroll list. If you chose Cross-Ref Markers, this list displays the marker text from all the Cross-Ref markers. Choose an item from the list as the source of your cross-reference.
The range of pages on which the items in the scroll list appear is above the scroll list.

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## CROSS-REFERENCES

## Cross-Reference (continued)

Format
(pop-up menu)

Go To Displays the source of a selected cross-reference. If necessary, FrameMaker opens the document that contains the source.

Opens the Update Cross-References dialog box where you update cross-references.

Opens the Convert Cross-References to Text dialog box where you change a cross-reference to editable text.

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## CROSS-REFERENCES

## Cross-Reference (continued)

Insert Inserts the cross-reference at the insertion point.
If a cross-reference or text is selected when you choose the Cross-Reference command, this button changes to Replace. The cross-reference will replace the selected text or cross-reference.

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## CROSS-REFERENCES

## Edit Cross-Reference Format

Dialog box where you create, change, or delete a cross-reference format. You open this dialog box by clicking the Format button in the CrossReference dialog box.

| Name | Specifies the name of the format to create, edit, or <br> delete. |
| :--- | :--- |
| Definition | Shows the definition of the cross-reference format. <br> The definition can contain text and items from the <br> Building Blocks scroll list. It can be up to 255 <br> characters long. You can add nonbreaking spaces <br> and special hyphenation to it. Spaces and <br> punctuation appear in the document exactly as you <br> type them in the definition. |
| Formats | Lists the cross-reference formats that have been <br> created for the document. When you select a format, <br> its name and definition appear in their respective text <br> boxes. |

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## CROSS-REFERENCES

## Edit Cross-Reference Format (continued)

Building Blocks Lists the system values you can use in the definition. They begin with a dollar sign (\$). For a description of the building blocks, see Cross-reference format building blocks in Syntax Descriptions.

To insert a scroll list item into the definition, put the insertion point in the Definition text box and click the item in the scroll list.

The list also includes the character formats in the document's Character Catalog.

To change the character format of text in the definition, type the format or insert it from the Building Blocks scroll list. The format affects only the text that follows it in the definition.

To change back to the paragraph's default font, insert <Default $\mathbb{I}$ Font> in the definition.

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## CROSS-REFERENCES

## Edit Cross-Reference Format (continued)

| Add | Defines a new cross-reference format. The new <br> format appears in the Formats scroll list. When you <br> click Done, the format also appears on the Format <br> pop-up menu in the Cross-Reference dialog box. |
| :--- | :--- |
| Change | Applies the changes to the cross-reference format. <br> When you click Done, cross-references using the <br> format are updated with the new format. |
| Delete | Deletes the cross-reference format. When you click <br> Done, any cross-references using that format are <br> converted to regular text and can no longer be <br> updated. |

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## CROSS-REFERENCES

## Update Cross-References

Dialog box where you update the cross-references in a document. You open this dialog box by clicking Update in the Cross-Reference dialog box. Note: To update cross-references in a book, use Generate/Update Book.

Internal Cross-
References
References to All Open Documents

References to All Documents

## Unresolved

References

Updates cross-references to information in the current document only.

Updates cross-references to information in any open documents.

Updates all cross-references in the document.

Opens the Update Unresolved Cross-References dialog box where you can fix cross-references whose source information FrameMaker could not find while updating.

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## CROSS-REFERENCES

## Update Unresolved Cross-References

Dialog box where you update unresolved cross-references by looking for the source information in other documents. You open this dialog box by clicking Unresolved References in the Update Cross-References dialog box and then clicking Update.
A cross-reference is unresolved if FrameMaker cannot find the Cross-Ref marker the reference is referring to. Unresolved cross-references occur when a Cross-Ref marker has been deleted or moved to another file, or when the file containing the marker has been moved, renamed, or deleted.
If you cannot find the source of an unresolved cross-reference with this dialog box, use the Find/Change command to locate the cross-reference. Then delete the cross-reference if you no longer need it or replace it with another cross-reference.
You can generate a list of cross-references to help you resolve crossreferences. See Generate/Book for documents or Add File to Book for books.

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## CROSS-REFERENCES

## Update Unresolved Cross-References (continued)

Total of $\mathbf{n} \quad$ Displays a list of all the source documents referred to Unresolved CrossReferences to Files Named
n Unresolved Cross-References to File: (filename)

For CrossReferences to Selected File, Look In

Update
in the document's cross-references. The value n is the total number of unresolved cross-references in your document.

Shows the number of unresolved cross-references to the source document you selected in the scroll list above.

Directs FrameMaker to the file you type in the text box or the file you select in the scroll list. Use the scroll list to redirect the cross-reference to a new source document if you have:

- Renamed the source document
- Moved source information to another file

Updates the references to reflect the new source document you specified.

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## CROSS-REFERENCES

## Convert Cross-References to Text

Dialog box where you convert a cross-reference to regular text that you can edit. You open this dialog box by clicking Convert in the Cross-Reference dialog box.

You can replace, cut, or copy a cross-reference, but you cannot directly edit it without first converting it to regular text. If you convert a cross-reference to text, FrameMaker can no longer update it. You cannot undo this conversion. Current Selection

References with Format

All References

References in Converts only the cross-references in selected text.

Converts all cross-references using the format you select from the pop-up menu.

Converts all cross-references in the document.

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