

Numbering with leading zeroes

Problem

I want to number headings **Nano 000x**, that is, from Nano 0001 to Nano 9999. How can I set up the paragraph numbering for the headings? I want to get these headings also in the Table of Contents.

Solution

For numbering with leading zeroes even FrameMaker 13¹⁾ does not support an appropriate feature.

Basically there are two approaches:

- 1 [Using special paragraph formats](#) for every 10-magnitude. That is a distinct paragraph format for numbers 0001 to 0009, another for 0010 to 0019 etc.
- 2 [Right adjusted tab with leading character “0”](#). This Method can not be used for items to be placed in the Table of Contents.

Using special paragraph formats

You need to set up a paragraph format for every 10-magnitude and use them accordingly. For example, for numbering from **Nano 0001** to **Nano 9999**:

number range	Paragraph format	numbering property
0001 - 0009	n000x	N: Nano 000<n+>
0010 - 0099	n00xx	N: Nano 00<n+>
0100 - 0999	n0xxx	N: Nano 0<n+>
1000 - 9999	nxxxx	N: Nano <n+>

First 10-magnitude

Nano 0001 This is **n000x** formatted.
 Nano 0002 and the next one
 Nano 0003 and so on.
 Nano 0009 Now set the number explicitly to 9 to go ahead (formatting only applied locally)

Second 10-magnitude

Nano 0010 This is **n00xx** formatted
 Nano 0011 and the next one
 Nano 0012 etc.
 Nano 0099 Now set the number explicitly to 99 to go ahead (formatting only applied locally)

Third 10-magnitude

Nano 0100 This is **n0xxx** formatted
 Nano 0101 and so on
 Nano 0102 and so forth
 Nano 0999 Now set the number explicitly to 999 to go ahead (formatting only applied locally)

¹ This tip was developed 2003-03-26 for FrameMaker 7.

Fourth 10-magnitude

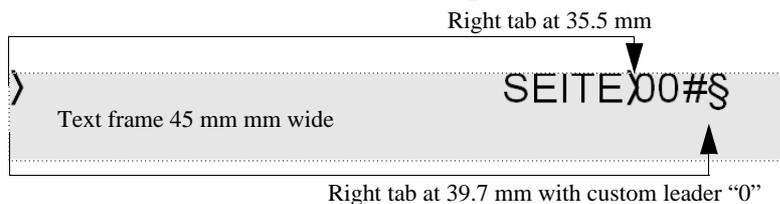
Nano 1000	This is nxxxx formatted
Nano 1001	Well, what happened in Baghdad in the good old times with Scheherazade?
Nano 1002	and the counting goes on ...
Nano 1003	... and on
Nano 9997	Now set the number explicitly to 9997 to see what happens next. (formatting only applied locally)
Nano 9998	Voilà a good number
Nano 9999	And this is the last in a row
Nano 10000	Of course there will be an overflow in figures.

Table of Contents

For the generation of the TOC all four heading formats must be considered in the TOC setup.

Right adjusted tab with leading character “0”

This method uses a right adjusted page number with a tab leading character “0”. The position of the second right tab relative to the first one can only be determined by fiddling around. This distance depends on font name and font size. In our example we use Arial:



For good typographic quality (same spacing between the page number and the tab leaders) you need to work with a high zoom factor.

On the current master page you see this construct here →



Table of Contents

In the Table of Contents the page number will be just as usual 1, 2, 3 ...

To get leading zeroes for the page numbers the paragraph formats for the *heading* TOC entries must contain a similar construct.