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Subject: Re: How to print 100 in exponential format as '10^2'

Posted by [Maarten\[1\]](#) on Fri, 11 May 2007 10:16:20 GMT

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On May 11, 6:53 am, "dux...@gmail.com" <dux...@gmail.com> wrote:

- > Using format code '(e)', I can print 100 as '1.00e+002'.
- > But I want to print it in exponential format as '10^2' and 2 is
- > superscript for 10.

Where do you want to print it like this? In a graph, or to a text file/  
terminal?

The easiest bet are the `strsplit`, and `string` functions:

```
dum = string(format='(e)', 100)
parts = strsplit(dum, 'e', /extract)
out = strcompress(string(format='(f,"x10^",i)', parts[0], parts[1]))
```

You may want to investigate `textoidl` if you want those numbers to  
appear in graphical output.

Maarten

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