
Subject: Re: How to print tickname in exponential format as '10^2'
Posted by [David Fanning](#) on Fri, 21 Dec 2007 02:04:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

duxiyu@gmail.com writes:

- > 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.
- > I want to print it like this in a log-log plot as the tickname.
- > For example, when I set yrange=[0.001,10000], the yticknames are shown
- > in exponential format I described above.
- > When I set yrange=[0.001,100], the yticknames are shown as 0.001, 0.1
- > and so on.
- > I want to take the yticknames in the second situation shown as the
- > same format as it in the first situation.
- > But I don't find the appropriate format code for this purpose.

You are going to have to roll your own:

<http://www.dfanning.com/tips/exponents.html>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
