
Subject: Re: IDLdoc 3.0 released

Posted by [David Fanning](#) on Wed, 23 Jan 2008 15:28:00 GMT

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Brian Larsen writes:

> I decided to go through my library last night and see what could
> be done "out of the box" and it worked great.

I tried this "out of the box" thing, too. But my results
were not so great. :-(

I tried documenting this file, which uses a fairly
routine IDL doc template:

<http://www.dfanning.com/programs/aspect.pro>

And the result looked like this:

NAME: ASPECT PURPOSE: This function calculates and returns the
normalized position coordinates necessary to put a plot with a specified
aspect ratio into the currently active graphics window. It works on the
display output window as well as in a PostScript output window. CATEGORY:
Graphics CALLING SEQUENCE: position = ASPECT(aspectRatio) INPUTS:
aspectRatio: A floating point value that is the desired aspect ratio
(ratio of height to width) of the plot in the current graphics output
window. If this parameter is missing, an aspect ratio of 1.0 (a square
plot) is assumed. KEYWORDS: MARGIN: The margin around the edges of the
plot. The value must be a floating point value between 0.0 and 0.5. It
is expressed in normalized coordinate units. The default margin is 0.15.
WINDOWASPECT: The aspect ratio of the target window. If not provided,
the value is obtained from the current graphics window. OUTPUTS:
position: A four-element floating array of normalized coordinates. The
order of the elements is [x0, y0, x1, y1], similar to the !P.POSITION
system variable or the POSITION keyword on any IDL graphic command.
EXAMPLE: To create a plot with an aspect ratio of 1:2 and a margin of
0.10 around the edge of the output window, do this: plotPosition =
ASPECT(0.5, Margin=0.10) PLOT, Findgen(11), POSITION=plotPosition Notice
this can be done in a single IDL command, like this: PLOT, Findgen(11),
POSITION=ASPECT(0.5, Margin=0.10) MODIFICATION HISTORY: Written by:
David Fanning, November 1996. Added better error checking, 18 Feb 1997,
DWF. Added WindowAspect keyword. 10 Feb 2000. DWF Added double precision
tolerance for aspectRatio. 9 NOV 2001 BT

Not really what I had in mind. :-(

What would I have to do to fix this?

Cheers,

David

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

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