
Subject: Re: Comments on Coding Style

Posted by [Michael Galloy](#) on Thu, 29 Apr 2010 21:17:41 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 4/29/10 2:59 PM, David Fanning wrote:

> Mike Galloy writes:

>

>>>> Also, using one of the standard formats allows the Workbench to show

>>>> the help for the routine.

>>>

>>> How is this done?

>>

>> Nothing needs to be done to turn it on, just write the comments in

>> IDLdoc's rst format.

>

> But how is this accessed from the Workbench?

Ah, just mouse over a call to a routine in the editor. I see something like:

http://michaelgalloy.com/wp-content/uploads/2010/04/vis_convert_mouseover.png

VIS_CONVERT has a header like:

```
;+
; Use ImageMagick to convert a file between formats.
;
; :Params:
;   basename : in, optional, type=string
;     basename of file to convert (used for output name as well)
;
; :Keywords:
;   density : in, optional, type=long, default=300
;     density of output image in dots per inch
;   scale : in, optional, type=long, default=100
;     scale percentage to use
;   from_extension : in, optional, type=string
;     extension to use for input file
;   from_eps : in, optional, type=boolean
;     if set, indicates the input is a Encapsulated PostScript file
;   from_png : in, optional, type=boolean
;     if set, indicates the input is a PNG file
;   from_ps : in, optional, type=boolean
;     if set, indicates the input is a PostScript file
;   max_dimensions : in, optional, type=lonarr(2)
;     maximum dimensions for the output image in pixels
;   to_extension : in, optional, type=string
;     extension to use for output file
;   to_eps : in, optional, type=boolean
```

```

;   if set, indicates the output should a Encapsulated Postscript file
;   to_png : in, optional, type=boolean
;   if set, indicates the output should a PNG image file
;   to_ps : in, optional, type=boolean
;   if set, indicates the output should a Postscript file
;   command : out, optional, type=string
;   convert command
;   output : out, optional, type=bytarr
;   output image if output format is an image type
;   convert_location : in, optional, type=string
;   location of the convert command
;-
pro vis_convert, basename, $
    density=density, $
    max_dimensions=maxDimensions, $
    scale=scale, $
    from_extension=fromExtension, $
    from_eps=fromEps, $
    from_png=fromPng, $
    from_ps=fromPs, $
    to_extension=toExtension, $
    to_eps=toEps, $
    to_png=toPng, $
    to_ps=toPs, $
    command=cmd, $
    output=output, $
    convert_location=convertLocation

```

Mike

--

www.michaelgalloy.com
 Research Mathematician
 Tech-X Corporation
