Subject: Re: Migrate away from idl?
Posted by MarioIncandenza on Thu, 19 Nov 2009 21:39:22 GMT
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On Nov 19, 1:28 pm, David Fanning <n...@dfanning.com> wrote:
> Brian Larsen writes:
>> legend (Coyote)
>
> Hell, I wish I *had* written a LEGEND program. I'd probably
> be rich now! But I think this must be Ray Sterner's
> at JHUAPL or maybe a NASA Goddard routine.

The legend routine I use actually has a revision history:

; Modification history:
;   write, 24-25 Aug 92, F K Knight (knight@ll.mit.edu)
;   allow omission of items or omission of both psym and
linestyle, add
;   corners keyword to facilitate multi-column legends, improve
place-
;   ment of symbols and text, add guards for unequal size, 26
Aug 92, FKK
;   add linestyle(i)=-1 to suppress a single symbol/line, 27 Aug
92, FKK
;   add keyword vectorfont to allow characters in the sym/line
column,
;   28 Aug 92, FKK
;   add /top, /bottom, /left, /right keywords for automatic
placement at
;   the four corners of the plot window. The /right keyword
forces
;   right-to-left printing of menu. 18 Jun 93, FKK
;   change default position to data coords and add normal, data,
and
;   device keywords, 17 Jan 94, FKK
;   add /center keyword for positioning, but it is not precise
because
;   text string lengths cannot be known in advance, 17 Jan 94,
FKK
;   add interactive positioning with /position keyword, 17 Jan 94,
FKK
;   allow a legend with just text, no plotting symbols. This
helps in
;   simply describing a plot or writing assumptions done, 4 Feb
94, FKK
;   added thick, symsize, and clear keyword Feb 96, W. Landsman
HSTX
;   David Seed, HR Wallingford, d.seed@hrwallingford.co.uk

;   allow scalar specification of keywords, Mar 96, W. Landsman HSTX
;   added charthick keyword, June 96, W. Landsman HSTX
;   Made keyword names left,right,top,bottom,center longer,
;   Aug 16, 2000, Kim Tolbert
;   Added ability to have regular text lines in addition to plot legend
;   lines in legend. If linestyle is -99 that item is left-justified.
;   Previously, only option for no sym/line was linestyle=-1, but then text
;   was lined up after sym/line column.   10 Oct 2000, Kim Tolbert
;   Make default value of thick = !P.thick W. Landsman Jan. 2001
;   Don't overwrite existing USERSYM definition W. Landsman Mar. 2002