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Subject: IDL 5.4 label\_date function

Posted by [Chad Bahrmann](#) on Wed, 07 Nov 2001 15:31:03 GMT

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Has anyone encountered problems in using the label\_date function in IDL 5.4?

From the documentation for IDL 5.4. This plot gives you data from

11/01/2001 at 1200 through 11/02/2001 at 1200 when I would expect data from

11/01/2001 at 0000 through 11/02/2001 at 0000. I have had success using

this function in older versions of IDL but this one appears not to work

properly? The actual code had revisions on

; MODIFICATION HISTORY:

; DMS, RSI. April, 1993. Written.

; DMS, RSI. March, 1997. Added Time format.

; DMS, RSI. Jan, 1999. Rounded least significant time unit

; CT, RSI. May 2000. Completely rewrote to use calendar format codes.

;       Added Level argument for new date/time TICKUNITS.

;       Added AM\_PM and DAYS\_OF\_WEEK keywords, '%A' and '%W' codes.

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PRO test

; Create format strings for a two-level axis:

dummy = LABEL\_DATE(DATE\_FORMAT=['%H%I%C%N/%D/%Y'])

;Generate the Date/Time data

time = TIMEGEN(START=JULDAY(11,1,2001), FINAL=JULDAY(11,2,2001))

;Generate the Y-axis data

data = RANDOMN(seed, N\_ELEMENTS(time))

;Plot the data

PLOT, time, data, XTICKUNITS = ['Time'], \$

XTICKFORMAT='LABEL\_DATE', XSTYLE=1, XTICKS=6, YMARGIN=[6,2]

end

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