Subject: Re: Combined wavelet and cgImage question (and problem)
Posted by David Fanning on Sat, 06 Oct 2012 19:00:34 GMT
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Balthasar Indermuehle writes:

> Secondly, I've spent several hours now trying various combinations of cgImage, cgPlot, cgAxis
to get the axes on the wavelet plot to reflecting what's really there... and not just the axis value
index number (as the /AXES option does). The one avenue that seems most promising is cgPlot
with /nodata to set up the axes, then use cgImage to draw the picture data. But then I'd need the
tick marks to face outside, but the tick_direction keyword is not supported
with plot, or axis or any other commands really. And what the hell is up with xa = axis('x'....) not
being the same as axis, 'x'... they're apparently fundamentally different calls that don't support the
same arguments?

Can't help you with the wavelet questions, but I'd display
the image like this:

    IDL> cgimage, cgdemodata(7), xrange=[-180,180], yrange=[-90,90], $
        axkeywords={ticklen:-0.025}, margin=0.1, /axes

You use XRANGE and YRANGE keywords to specify the data range,
AXES to display the axes, and AXKEYWORDS to pass a structure that
can configure the axes in any way you like, using the usual AXIS
keywords.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thue. ("Perhaps thos speakest truth.")