
Subject: Re: Reading excel file in IDL and plotting data on a continent.
Posted by [shambhu](#) on Tue, 24 Jan 2012 10:01:19 GMT

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I read data, by converting excel file to CSV, using READ_ASCII macros.
But when i used isurface or contour to plot on a earth's surface,
showing error " Must be of two dimensions ". Is there any other way to
plot and read the excel files directly...?

Subject: Re: Reading excel file in IDL and plotting data on a continent.
Posted by [Russell\[1\]](#) on Tue, 24 Jan 2012 15:07:31 GMT

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First thing --- someone has written an excel reader for IDL. I've
never used it, but you can download it from ITT's code bank. Go to
<http://www.exelisvis.com/UserCommunity/CodeLibrary.aspx>
and put into the name of the file in the search box. It's called:
IDL64_Read_Excel11.zip.

Second thing --- I'm not sure about isurface (I rarely use anything
with an i prefix), but I do know that contour expects you to give it a
two dimensional image, not two one-dimensional vectors. So what to do
next depends on what data you're reading in from excel (not that place
you read it from makes any difference whatsoever). If you're reading
something like lat and lon, then there must be some other quantity
that is the 'Z-dimension', such as elevation or average temperature.
Or if it's a series of counts, then you might consider making it a two-
dimensional histogram (see hist_2d.pro).

Russell

On Jan 24, 5:01 am, shambhu <shambhu.mc...@gmail.com> wrote:

> I read data, by converting excel file to CSV, using READ_ASCII macros.
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> showing error " Must be of two dimensions ". Is there any other way to
> plot and read the excel files directly...?
