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Subject: Re: Using TV command instead of contour  
Posted by [pgrigis](#) on Tue, 12 Jul 2011 19:01:29 GMT  
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On Jul 12, 6:18 am, Amit <amisra.a...@gmail.com> wrote:

- > Dear Friends,
- >
- > I have a data in form of flags, for example, dust=1,smoke=2 and so on.
- > There cannot be numbers in between.
- >
- > The data is in the form of 2-dimensional array, with each cell
- > corresponding to a latitude, longitude pair. I want to display it --
- > the output would look something like a chess board. If I use the
- > CONTOUR command, it interpolates at the boundaries, producing
- > incorrect plots.
- > This problem is solved if I use TVIMAGE program. However, I cannot
- > pass the latitude,longitude data to the command (like CONTOUR). Can
- > anyone suggest me how to use TVIMAGE or TV in a way similar to
- > CONTOUR?

The program `pg_plotimage` can be called similarly to `contour`:

[http://hea-www.cfa.harvard.edu/~pgrigis/idl\\_stuff/pg\\_plotimage.pro](http://hea-www.cfa.harvard.edu/~pgrigis/idl_stuff/pg_plotimage.pro)

`pg_plotimage,image,x,y`

where `image` is a `n` by `m` array, `x` an `n` array and `y` an `m` array.

Ciao,  
Paolo

- >
- > Thanks for your help
- > Amit