

Subject: Re: need color contouring routine
Posted by [zawodny](#) on Fri, 11 Sep 1992 11:51:21 GMT
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I have a color contouring (imaging) routine which generates a color image of an array and places a set of axes and titles along with a color bar. The color bar has its own axis and title. The bar may be located on any of the four sides via keywords. The routine also handles log axes as well as log data and color bar. It can be asked to overlay a line contour as well. It now handles missing data as well! While it supports X and PS devices it does have at least one limitation, it does not currently work with !p.multi. It is very long at least for IDL programs (8-10 pages of reasonably well documented code) and has at least one extra routine (EXPAND - a CONGRID that really works!) that it likes to have. If I get at least five requests for it then I will consider posting it to this group. I also have my own map drawing routines which predate the IDL routines and do not use the snazzy transformations (!p.t=2), but IMHO are somewhat easier to use if you just want to overlay a map. My map routine support 8 or so of the more common projections and I also have a routine which allows the user to overplot or convert between map and device coordinates.

If interested please send e-mail to

[illegible]

This code will be provided as is and is well documented enough for a typical IDLer to hack to suit their needs.