
Subject: cell_fill for Contour (IDL 5)

Posted by [hcp](#) on Thu, 14 Aug 1997 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I just came back from my vacation to find that our system manager has just upgraded IDL from version 4 to version 5.0. I find that everything works O.K. so far except that the /cell_fill keyword to the contour routine has disappeared from the documentation and, although it does not cause an error, it merely does the same thing as the /fill keyword. This means that open contours are not filled correctly; a great problem on map projections.

This may seem a small gripe, but I have written quite a lot of code which relies on the /cell_fill keyword to produce filled contour plots on map projections. It was slower than /fill but very reliable. Is /cell_fill going to come back in future upgrades, I ask myself. The only information I can find in the documentation is as follows:

<quote>

Contours that are not closed can not be filled because their interior and exterior are undefined. Contours created from data sets with missing data may not be closed; many map projections can also produce contours that are not closed. Filled contours should not be used in these cases.

</quote>

This is a bit annoying when the previous version had a perfectly good keyword to do exactly what this version tells you that you shouldn't do.

Has anyone else run into this, and what did they do about it? I'm sorry if this has been hashed over in great detail last week while I have been asleep in a deckchair.

Hugh

--

```
=====
=====
Hugh C. Pumphrey      | Telephone 0131-650-6026
Department of Meteorology | FAX    0131-662-4269
The University of Edinburgh | Replace 0131 with +44-131 if outside U.K.
EDINBURGH EH9 3JZ, Scotland | Email   hcp@met.ed.ac.uk
OBDisclaimer: The views expressed herein are mine, not those of UofE.
```

```
=====
=====
```
