
Subject: Whither Contour XY data

Posted by [M. Katz](#) on Thu, 21 Jan 2010 17:29:54 GMT

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

I'm looking for a way to generate and extract a single contour level's (floating point) XY information from a given surface.

Starting with a 2D intensity array, it is very clear how to use the CONTOUR procedure's PATH_XY keyword to get this exact information. But shouldn't it also exist in some form that is not tied to a direct graphics routine? I know, I could use a PIXMAP to avoid displaying the graphics. I also suppose that I could also use the IDLgrContour object. But both of these seem like a lot of unnecessary overhead if I don't have any intention of plotting or rendering graphics with this information.

Is there a straightforward
xy = CONTOUR_XY(array, threshold)
function that I'm not aware of?

Thanks,
M.
