
Subject: Re: IDL - Extracting data from within boundary defined by shapefile
Posted by [penteado](#) on Sat, 27 Nov 2010 14:41:33 GMT

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If you mean to select the points that fall into the boundary, you could create an IDLanROI, defined by the vertices from the shapefile. Then use its containspoints() method to find those inside it. That is, assuming that Earth's curvature is not relevant. If it is, you might have to change the data from lat/lon to some suitable projection.

On Nov 27, 10:04 am, katie <katie.l.pi...@gmail.com> wrote:

> Hello all,

>

> I am using IDL 6.1, and was wondering if it's possible to extract data
> (defined by lat and long gridpoints) from within a boundary defined by
> a shapefile. For example, I have a contour map of global soil
> moisture, but would only like to look at the data within the
> Mississippi River Basin. I have the shapefile for this basin, and have
> overplotted it onto the contour map so I can see the basin outline and
> note that it is properly projected on top of my data, but I do not
> know where to go from there.

>

> Any advice would be great!

> Thanks,

> Katie
