Subject: Re: optimization; which point falls into a polygon
Posted by penteado on Wed, 23 Sep 2009 15:56:51 GMT
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On Sep 23, 9:11 am, Klemen <klemen.zak...@gmail.com> wrote:
> Thank you both for suggestions, I will try both.
>
>> Is there an analytic expression for the satellite pixel corners, or do
>> you really have to go from the data? I'm trying to figure out if you
>> can directly compute it...
>
> Well, I have a layer containing latitude and longitude of each center
> point - from these coordinates I estimate the corners positions.

See the help on map_proj_forward and map_proj_inverse. They may be
useful to convert between latitude/longitude and pixel values,
depending on how your GIS rasters are sampled. ROIs as suggested above
are a more general way to find if points are in polygons, and are
useful in more situations, so I do not know which way will be more
appropriate for your case.