
Subject: Re: Over-PLOT() on MAP()?

Posted by [Matt Haffner](#) on Mon, 13 Dec 2010 19:23:35 GMT

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On Dec 11, 8:01 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Dec 11, 10:55 pm, David Fanning <n...@dfanning.com> wrote:

>

>> I'm not sure this is a "limitation" so much as just

>> a poorly documented feature. I think it is absolutely

>> correct that the "data space" of a map projection should

>> be in projected XY coordinates, rather than in lat/lon

>> space. It is just about the only thing about the new

>> graphics that actually makes a lot of sense to me. :-)

>

> The problem in this case (and in imap) is that the projection can be

> changed (by the property map_projection), and the things put there by

> the plot do not get updated to the new position. One would have to get

> the new map structure, call map_proj_forward again, and update the

> plot data.

Yes, that is a serious limitation. I was hoping I was overlooking something--thanks for the workaround. I resorted to using ELLIPSE for now to get something going, but it's pretty slow (and probably has way too much overhead) for a serious number of data points, even when turning off .Refresh.

mh
