
Subject: Re: bitplanes

Posted by [Robert Moss](#) on Mon, 09 Sep 1996 07:00:00 GMT

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

James Albert wrote:

>
> Hi.
> I'm new here. I have to evaluate IDL to see if some of the features
> incorporated in one of our WINDOWS apps can be done with IDL under UNIX.
> Specifically, with the current app, you can load in a satellite data image
> and, using a 'transparent' bitmap, draw a coastline over top of the image
> which you can then slide around, using the mouse, to render correction fo
> satellite pitch, roll, time etc.
> The image is drawn pixel by pixel, and the coastline is drawn with
> polygons, using lat/lons translated into the images data pixel
> coordinated, then retranslated into window coordinates.
> Can anyone tell me if it can be done, and if so, using what
> functions/parameters/keywords?
>
> Thanks in advance
> James
>
> --
> James Albert
> james@satlantic.com

Yes, all this can be done in IDL, but it is not totally trivial.

Sounds to me like you should check out ENVI, which is a multi-spectral remote sensing piece of software from Research Systems that is written in the IDL language. It has built-in capability to do what your looking for, as well as much more.

--

Robert M. Moss, Ph.D. - mossrm@texaco.com - FAX (713)954-6911

This does not necessarily reflect the opinions of Texaco Inc.
