Subject: Re: Display and Navigate Image in IDL 8.2
Posted by David Fanning on Fri, 07 Sep 2012 13:15:37 GMT
View Forum Message <> Reply to Message

Klemen writes:

> David, I have jsut upgraded to IDL 8.2 so I can test it...

Oh, sorry. This is the third time I've paid my money and
upgraded to something unusable to me, too. I'm a really
slow learner. :-(

> The code is, I think, ok (I haven't so much experience with Image). The only problem is your
definition of you georeference. I think that your ranges are defined for a usual Mercator projection
with origin in 0N, 0E. But you have moved your origin to 105.1W, 40.6N. This point should have in
map coordinates values 0, 0. This means that below defined range is false:
>
> XRange: [-11711131.0, -11688226.0] (meters)
> YRange: [4914254.0, 4937159.5] (meters)
>
> You could redefine your range as:
>   n = 600
>   res = 38.1757
>   x = findgen(n)* res - n*res*0.5
>   y = reverse(x)
>   xrange = [min(x), max(x)]
>   yrange = [min(y), max(y)]
>
> Well, then I get at least something, I am not sure if this is exactlly what you are looking for, but
right mouse click gives me at least the proper longitude when I scroll over the image.

Maybe I'm seeing something different from you, but
when I put this code into my program, I see a
map projection filling the window, and a small spec
in the middle of my window which presumably represents
my image.

Probably not what I am looking for. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")