Subject: Re: how do I delete ENVI windows from a procedure?
Posted by Peter Mason on Tue, 16 Mar 2004 20:54:28 GMT
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Tim Williams wrote:
> I have a ENVI/IDL procedure that performs various steps in some
> processing. One of the steps is to do a couple of envi_display_bands
> calls to display a couple of images. After the user is done with
> enhancing the image displays, I have the user click a button to
> continue on with more processing. This extra processing calls a second
> IDL procedure that puts up more windows (not ENVI displays).
>
> When the second IDL procedure is done, I do a wdelete on each of the
> windows it created, since I have the window ids. I'd like to be able
> to remove the ENVI images and their associated displays. I can get the
> display numbers, window ids and the opened file ids with
> envi_get_display_numbers(), envi_disp_query, and do a wdelete on the
> window ids, and a envi_file_mng on the file ids, but I want to avoid
> the popup window about deleting the display when I remove each ENVI
> file.
>
> What I want to do is the same thing as a 'File->Close All Files' in
> the Available Files List widget from my procedure.
>
> Is there a way to do this?

        ENVI_FILE_MNG, some_fid, /REMOVE, /NO_WARNING
Along with taking "some_fid" out of the available bands list, this will
close any ENVI image displays where it is involved - without asking for
anyone's permission.   Last I checked, the NO_WARN keyword was undocumented.
It has been around for quite some time, though.

If you want to close some displays but keep things around in the available
bands list then you should experiment with the undocumented ENVI procedure:
        DISPLAY_MNG, display_number, /REMOVE
One thing about this call: "display_number" appears to be a zero-based
display index, while what you see in the display's title bar is a 1-based
index.
(I don't think that you should be messing with the draw widgets themselves.)

HTH
Peter Mason
PS: HELP, /ROUTINES in a fresh ENVI session can be interesting sometimes,
especially in older versions of ENVI where IDL's COMPILE_OPT HIDDEN didn't
exist yet :-)

Subject: Re: how do I delete ENVI windows from a procedure?
Posted by timothy.williams on Wed, 17 Mar 2004 13:08:48 GMT
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"Peter Mason" <drone@spam.com> wrote in message
news:<8QJ5c.506$IH5.26431@news.optus.net.au>...

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> Peter Mason
> PS: HELP, /ROUTINES in a fresh ENVI session can be interesting sometimes,
> especially in older versions of ENVI where IDL's COMPILE_OPT HIDDEN didn't
> exist yet :-)

Thanks. I'll try this. It sounds like it's exactly what I was looking for.

Why does it seem that the most useful things are undocumented?