
Subject: Re: Add and manipulate a visualization to standard Itool
Posted by [kidpix](#) on Wed, 27 Apr 2011 14:44:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

I think no one has time to spare ...

Subject: Re: Add and manipulate a visualization to standard Itool
Posted by [David Fanning](#) on Wed, 27 Apr 2011 14:53:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

kidpixo writes:

> I think no one has time to spare ...

I think it is more likely that no one knows how to do it.
iTools are infernally complicated. To work with them
programmatically is often an exercise in extreme frustration.

If you asked about doing this in the CGS system, you might
get help more quickly. :-)

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.")

Subject: Re: Add and manipulate a visualization to standard Itool
Posted by [kidpix](#) on Wed, 27 Apr 2011 15:18:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks David!

It is intriguing to think if at least somebody at ITT could succeed...
It's a sort of well keep secret or it's just impossible?

Regards,
Mario.

--

Dr. Mario D'Amore

Deutsches Zentrum für Luft- und Raumfahrt
Institut für Planetenforschung
Experimentelle Planetenphysik
Rutherfordstraße 2
12489 Berlin

Email : Mario.Damore.dlr.de
Internet : <http://www.dlr.de/pf>

Deutscher Akademischer Austauschdienst (DAAD)
Email : Mario.Damore@daad-alumni.de

Subject: Re: Add and manipulate a visualization to standard Itool
Posted by [David Fanning](#) on Wed, 27 Apr 2011 15:28:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

kidpixo writes:

- > It is intriguing to think if at least somebody at ITT could succeed...
- > It's a sort of well keep secret or it's just impossible?

Well, if by "impossible" you mean "incapable of being accomplished by mortals", then I would say programming iTools is "impossible." There is always a chance someone at ITTVIS can find a way. :-)

Cheers,

David

P.S. Of course, if you have ever tried to find something on the ITTVIS web page, you know that secrecy is a major tenet of the company, encapsulated in their motto: "Only he who struggles learns."

--

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.")

Subject: Re: Add and manipulate a visualization to standard Itool

Posted by [kidpix](#) on Wed, 27 Apr 2011 15:34:46 GMT

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

David writes:

> Well, if by "impossible" you mean "incapable of being
> accomplished by mortals", then I would say programming iTools
> is "impossible." There is always a chance someone
> at ITTVIS can find a way. :-)

Well, if there is a chance that ITTVIS hired some Immortal, I'm on his way..

Thanks!

Cheers,
Mario.

PS: Than I learned a lot about iTools, for values of "learning" approaching to "struggling".

--

Dr. Mario D'Amore

Deutsches Zentrum für Luft- und Raumfahrt
Institut für Planetenforschung
Experimentelle Planetenphysik
Rutherfordstraße 2
12489 Berlin

Email : Mario.Damore.dlr.de
Internet : <http://www.dlr.de/pf>

Deutscher Akademischer Austauschdienst (DAAD)
Email : Mario....@daad-alumni.de

Subject: Re: Add and manipulate a visualization to standard Itool

Posted by [David Fanning](#) on Wed, 27 Apr 2011 15:40:11 GMT

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

kidpixo writes:

> PS: Than I learned a lot about iTools, for values of "learning" approaching to "struggling".

Well, we are ready to welcome you back into the CGS fold
when you are ready. Very little struggling going on there,
although I am working on fixing a small bug this morning. :-)

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.")

Subject: Re: Add and manipulate a visualization to standard Itool

Posted by [kidpix](#) on Tue, 17 May 2011 13:22:38 GMT

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

I'm still sinking in the Object Graphic Lands, but it seems a little better now...

About my primitive question, I achieved good results modifying the IDLitVisPolyline creation routine, located in `lib/itools/components/idlitvispolyline__define.pro`

The IDLitVisPolyline::Init subclasses the IDLitVisualization superclass, but "forgets" to set the MANIPULATOR_TARGET keyword.

Setting MANIPULATOR_TARGET in the IDLitVisPolyline class instantiation in OBJ_NEW , it is passed through the _EXTRA keyword mechanism and it seems to work properly. So, in the original code I changed:

```
visoROI = OBJ_NEW('IDLitVisPolyline',/REGISTER_PROPERTIES,/MANIPULATOR_TARGET)
```

Now I'm experimenting a little with IDLitVisRoi, IDLgrROI etc...

In the iTool Programming Manual - IDL Version 7.1 pag 199 they said:

"IDLitVisRoi

Defines and displays a polygonal region of interest.

Visualization type: IDLROI

Data Types Accepted

- Vertex data: IDLARRAY2D"

any guess how define a IDLARRAY2D data?

Thanks folks!

--

Dr. Mario D'Amore

Deutsches Zentrum für Luft- und Raumfahrt
Institut für Planetenforschung
Experimentelle Planetenphysik
Rutherfordstraße 2
12489 Berlin
Email : Mario.Damore.dlr.de
Internet : <http://www.dlr.de/pf>
Deutscher Akademischer Austauschdienst (DAAD)
Email : Mari...@daad-alumni.de
