Subject: Re: Rrun itools at breakpoint Posted by Michael Galloy on Wed, 21 Oct 2009 14:26:49 GMT View Forum Message <> Reply to Message

Bernhard Reinhardt <wirdseltengelesen@freisingnet.de> wrote:

> Hi,

>

I'd like to inspect an array at a breakpoint. I've read somewhere that

- > Itools are suited nicely for this since one can zoom in and it gives
- > you
- > the pixel-index where your mouse is pointing at.

>

- So when at the breakpoint I type "iplots" whereupon the iplot-window
- > opens but then the window is kind of soft-frozen. One can choose from
- > the Menu (very slow), for example the data-manager, but nothing
- > happens.
- > When I hit the stop-button in the debugging view Itools become usable
- > again but then of course the array I'd like to inspect is gone.

- > IDL> print, !version
- > { x86 linux unix linux 7.1 Apr 21 2009 32 64}

>

- > Am I doing things I'm not supposed to do, or is this just another
- > itools
- > bug?

>

Regards,

> Bernhard

The events for a GUI aren't handled when stopped at a breakpoint. The trick to get around this is to use the IDL\_Bridge. Not in front of my computer now, so I can't give details.

Mike

www.michael.com Research Mathematician **Tech-X Corporation** 

Subject: Re: Rrun itools at breakpoint

Posted by Michael Galloy on Wed, 21 Oct 2009 16:58:15 GMT

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## Michael Galloy wrote:

> Bernhard Reinhardt <wirdseltengelesen@freisingnet.de> wrote:

```
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>> IDL> print, !version
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>> Regards,
>>
>> Bernhard
>
> The events for a GUI aren't handled when stopped at a breakpoint. The
> trick to get around this is to use the IDL_Bridge. Not in front of my
> computer now, so I can't give details.
This is the workaround I meant:
IDL> mg_test_debug
% Compiled module: MG_TEST_DEBUG.
% Compiled module: DIST.
% Stop encountered: MG_TEST_DEBUG
                                            6
/Users/mgalloy/Desktop/mg_test_debug.pro
IDL> idl = obj new('IDL IDLBridge')
% Loaded DLM: IDL IDLBRIDGE.
IDL> idl->setvar, 'd', d
IDL> idl->execute, 'iimage, d'
Mike
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation
```