
Subject: Re: Rrun itools at breakpoint

Posted by [Michael Galloy](#) on Wed, 21 Oct 2009 14:26:49 GMT

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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

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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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> 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, 'image, d'
```

Mike

--

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