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:
>> 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.

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

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