
Subject: Re: More on IDL and MacX
Posted by [bowman](#) on Fri, 20 May 1994 17:34:12 GMT
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In article <tonym.1119836470A@llyene.jpl.nasa.gov>, tonym@lurleen.jpl.nasa.gov (Tony Mannucci) wrote:

>
> We seem to be having more success using a terminal emulator
> (e.g. Versa-Term PRO) to start IDL and using MacX to receive
> the X-window commands only. That is, don't log on using MacX
> but have it running. After logging on, set the DISPLAY env.
> variable to the ethernet address of your computer with :0.0

You're not the only one having problems with IDL and MacX. If I can successfully get an IDL session started under MacX, it will continue to work. Unfortunately, it usually takes me several tries through the following procedure:

1. Start VersaTerm Pro
2. Start MacX
3. Start IDL from VT Pro
4. Try to open X-window from IDL
5. Did it work?

Yes --> Don't quit IDL!

No --> Quit MacX. Goto 2.

When it fails to open an X-window, it kill all my other X clients as well.
When it fails it generates:

```
csrp>idl
IDL. Version 3.5.1 (AIX ibmr2).
Copyright 1989-1993, Research Systems, Inc.
All rights reserved. Unauthorized reproduction prohibited.
Installation number: 4229.
Licensed for use by: Climate System Research Program, Texas A & M
University
```

```
IDL> help, /device
Available graphics_devices: CGM HP LJ NULL PCL PS REGIS TEK X Z
Current graphics device: X
XIO: fatal IO error 73 (Connection reset by peer) on X server
"bowman.tamu.edu:
0.0"
```

after 111 requests (107 known processed) with 7 events remaining.

I have reported this to RSI (some time ago), but have gotten no response.
It may be a MacX problem. I am considering going back to MacX 1.1.7, if I

can find a copy.

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Subject: Re: More on IDL and MacX
Posted by [tonym](#) on Fri, 20 May 1994 23:42:39 GMT
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In Article <bowman-200594122720@bowman.tamu.edu>, bowman@csrp.tamu.edu
(Kenneth P. Bowman) wrote:

>
> You're not the only one having problems with IDL and MacX. If I can
> successfully get an IDL session started under MacX, it will continue to
> work. Unfortunately, it usually takes me several tries through the
> following procedure:
>
> 1. Start VersaTerm Pro
> 2. Start MacX
> 3. Start IDL from VT Pro
> 4. Try to open X-window from IDL
> 5. Did it work?
> Yes --> Don't quit IDL!
> No --> Quit MacX. Goto 2.
>
> When it fails to open an X-window, it kill all my other X clients as well.
> When it fails it generates:
>
> csrp>idl
> IDL. Version 3.5.1 (AIX ibmr2).
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> All rights reserved. Unauthorized reproduction prohibited.
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> Licensed for use by: Climate System Research Program, Texas A & M
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>
> IDL> help, /device
> Available graphics_devices: CGM HP LJ NULL PCL PS REGIS TEK X Z
> Current graphics device: X
> XIO: fatal IO error 73 (Connection reset by peer) on X server
> "bowman.tamu.edu:
> 0.0"
> after 111 requests (107 known processed) with 7 events remaining.

- (2) Save settings, and remove MacX 1.2 the application but not MacTCP, or settings
 - (3) Copy in MacX 1.1.7 and run it.
 - (4) Run IDL; the only remaining difficulties are in choosing colors. I like -84, but nothing is perfectly satisfactory.
-

Subject: Re: More on IDL and MacX
Posted by [asb](#) on Tue, 24 May 1994 15:53:24 GMT
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In article <2rqts3\$63d@news.arc.nasa.gov> chatfield@clio.arc.nasa.gov (Robert B. Chatfield) writes:

Path: nih-csll!darwin.sura.net!howland.reston.ans.net!uscl!elroy.jpl.nasa.gov!ames!Robert.B.Chatfield
From: chatfield@clio.arc.nasa.gov (Robert B. Chatfield)
Newsgroups: comp.lang.idl-pvwave
Date: 23 May 1994 18:49:39 GMT
Organization: NASA Ames Research Center, Moffett Field, CA
Lines: 27
Sender: -Not-Authenticated-[9488]
References: <tonym.1119836470A@llyene.jpl.nasa.gov>
<bowman-200594122720@bowman.tamu.edu>
<tonym.1119864999C@llyene.jpl.nasa.gov>
NNTP-Posting-Host: vayu.arc.nasa.gov
X-Posted-From: InterNews 1.0@news.arc.nasa.gov.
Xdisclaimer: No attempt was made to authenticate the sender's name.

In article <tonym.1119864999C@llyene.jpl.nasa.gov>
tonym@lurleen.jpl.nasa.gov (Tony Mannucci) writes:

> >
> >I have reported this to RSI (some time ago), but have gotten no response.
> >It may be a MacX problem. I am considering going back to MacX 1.1.7, if I
> >can find a copy.
> >
> I would be surprised if 1.1.7 works better, but maybe.

Retreating to MacX 1.1.7 has fixed essentially all problems for me.
The procedure becomes complex for those with new machines like quadras.
For these machines, 1.1.7 seems to have a bug in not being able to save settings files with logins, xterms command lines, etc.
For those with such new machines, the procedure seems to be
(1) set up MacX using 1.2, but using the 1.1.7 protocol for displays:
:0.0 -> B/W rootless
:0.1 -> B/W rooted
:0.2 -> Color rootless

:0.3 -> Color rooted

Use the newest MacTCP, etc.

Obviously, set MacX to respond to displays other than :0.0

(2) Save settings, and remove MacX 1.2 the application but not MacTCP, or settings

(3) Copy in MacX 1.1.7 and run it.

(4) Run IDL; the only remaining difficulties are in choosing colors. I like -84, but nothing is perfectly satisfactory.

Retreating to MacX 1.1.7 fixed the problems for me, too. I got a copy from Apple by calling 1-800-767-2775, explaining the problem to them, and sending some proof that I had purchased MacX 1.2.
