
Subject: Re: Remotely running IDL on a Mac using X11
Posted by [Patrick V. Ford](#) on Thu, 18 Dec 2008 13:54:43 GMT
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On Dec 18, 7:41 am, "T.H." <timhoagl...@gmail.com> wrote:
> On Dec 17, 10:33 pm, "pfo...@bcm.tmc.edu" <pf...@bcm.tmc.edu> wrote:
>
>
>
>> On Dec 17, 7:30 am, Jeremy Bailin <astroco...@gmail.com> wrote:
>
>>> On Dec 16, 9:57 pm, "pfo...@bcm.tmc.edu" <pf...@bcm.tmc.edu> wrote:
>
>>>> Greetings,
>
>>>> I am (occasionally) using IDL on a MacOS X 10.5.6, and I want to set
>>>> it up so a person I am collaborating with can access my Mac, which is
>>>> considerably more powerful than his PC laptop. I believe I have solved
>>>> the issues with port forwarding through my firewall/vpn box and
>>>> getting the Mac configured to accept the ssh -X logins.
>
>>>> Not being a unix person, I am now at a point where I can open a remote
>>>> (severe) X11 shell and enter CLI commands, but I don't know how to
>>>> open/run IDL from the X11 shell and see the GUI. Some of this may be
>>>> due to paths being needed to be set.
>
>>>> I would greatly appreciate advice on how to get this functioning. It
>>>> is probably simple once I know.
>
>>>> Thanks
>
>>>> Patrick Ford, M.D.
>>>> Pfo...@bcm.tmc.edu
>
>>> If IDL is installed in /Applications/itt/idl, then make sure that /
>>> Applications/itt/idl/bin is in your path, and type:
>
>>> idlde
>
>>> (you can do "echo \$PATH" to see what the path looks like... if it's
>>> not there, then add it with "export PATH=\$PATH:/Applications/itt/idl/
>>> bin" if you're using a Bourne-style shell like sh or bash or "setenv
>>> PATH \$PATH:/Applications/itt/idl/bin" if you're using a C-shell style
>>> shell like csh or tcsh)
>
>>> -Jeremy.
>
>> The path made it work on the local machine. Over my LAN, when I logged

```
>> in using ssh -X or ssh -Y, I got the following error message when I
>> typed in idlde:
>
>> _RegisterApplication(), FAILED TO establish the default connection to
>> the Window Server, _CGSDefaultConnection() is NULL.
>
>> Below is what my ssh_config file looks like. Do I need to change it?
>
>> #   $OpenBSD: ssh_config,v 1.22 2006/05/29 12:56:33 dtucker Exp $
>
>> # This is the ssh client system-wide configuration file. See
>> # ssh_config(5) for more information. This file provides defaults for
>> # users, and the values can be changed in per-user configuration files
>> # or on the command line.
>
>> # Configuration data is parsed as follows:
>> # 1. command line options
>> # 2. user-specific file
>> # 3. system-wide file
>> # Any configuration value is only changed the first time it is set.
>> # Thus, host-specific definitions should be at the beginning of the
>> # configuration file, and defaults at the end.
>
>> # Site-wide defaults for some commonly used options. For a
>> comprehensive
>> # list of available options, their meanings and defaults, please see
>> the
>> # ssh_config(5) man page.
>
>> # Host *
>> # ForwardAgent no
>> # ForwardX11 yes
>> # RhostsRSAAuthentication no
>> # RSAAuthentication yes
>> # PasswordAuthentication yes
>> # HostbasedAuthentication no
>> # GSSAPIAuthentication no
>> # GSSAPIDelegateCredentials no
>> # GSSAPIKeyExchange no
>> # GSSAPITrustDNS no
>> # BatchMode no
>> # CheckHostIP yes
>> # AddressFamily any
>> # ConnectTimeout 0
>> # StrictHostKeyChecking ask
>> # IdentityFile ~/.ssh/identity
>> # IdentityFile ~/.ssh/id_rsa
>> # IdentityFile ~/.ssh/id_dsa
```

```
>> # Port 22
>> # Protocol 2,1
>> # Cipher 3des
>> # Ciphers aes128-cbc,3des-cbc,blowfish-cbc,cast128-
>> cbc,arcfour,aes192-cbc,aes256-cbc
>> # EscapeChar ~
>> # Tunnel no
>> # TunnelDevice any:any
>> # PermitLocalCommand no
>
>> Thanks
>
>> pf
>
> It looks like X11 is turned on on the server side but it also needs to
> be turned on on the client side. Does the Windows PC you are trying
> to connect from have an X-server application installed and running?
> For example, I always use Xming. Start it before connecting to the
> remote machine.
```

I was trying it from a Mac Mini on my LAN at home with X11. I could get xclock and xeyes running, but they didn't need a path change. When I have time, I will try it from a pc running vista.

Thanks

pf
