
Subject: Re: Remotely running IDL on a Mac using X11
Posted by [Jeremy Bailin](#) on Wed, 17 Dec 2008 13:30:26 GMT
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On Dec 16, 9:57 pm, "pfo...@bcm.tmc.edu" <pf...@bcm.tmc.edu> wrote:

> Greetings,
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> 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
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> I would greatly appreciate advice on how to get this functioning. It
> is probably simple once I know.
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> Thanks
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> Patrick Ford, M.D.
> Pfo...@bcm.tmc.edu

If IDL is installed in /Applications/itt/idl, then make sure that /
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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/
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PATH \$PATH:/Applications/itt/idl/bin" if you're using a C-shell style
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-Jeremy.

Subject: Re: Remotely running IDL on a Mac using X11
Posted by [T.H.](#) on Wed, 17 Dec 2008 14:57:06 GMT
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I've never set anything like this up with a Mac but have done it many times under Linux. My guess is that all you need to do is enable X11 tunneling on the SSH client (running on the remote PC). This is easy to find and do if you are using Putty. Also you need to make sure something like Xming is installed on the remote PC. Let us know if this does the trick.

Subject: Re: Remotely running IDL on a Mac using X11
Posted by [Patrick V. Ford](#) on Thu, 18 Dec 2008 03:33:26 GMT
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On Dec 17, 7:30 am, Jeremy Bailin <astroco...@gmail.com> wrote:
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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

Subject: Re: Remotely running IDL on a Mac using X11
Posted by [T.H.](#) on Thu, 18 Dec 2008 13:41:26 GMT
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> # 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.
