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:
> 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, _CGSDeaultConnection() 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