
Subject: Re: Remote shell and IDL,
Posted by [David Foster](#) on Tue, 11 May 1999 07:00:00 GMT
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Schwarb Manfred wrote:

```
>
> hi lars
>
> i don't know a solution with rsh for your problem
>> rsh remotehost "export DISPLAY=localhost:0 ; idl"
>
> but:
> 1) the problem is that rsh does no allocation of a tty.
>
> 2) with secure login it's no problem:
> ssh -t remotehost idl (ssh set your display automatically)
>
> so convince your sysmanagers to install ssh (version 1 not 2, the
> version 2 is very buggy) ...
>
> 3) other possibility:
> run your idl-program on the remotehost via a file:
>
> make a file myprog.test:
> cat > myprog.test <<EOF
>   print,"hello"
>   xloadct
>   wait,3
>   exit
> EOF
>
> then run idl by typing
> rsh remotehost "export DISPLAY=localhost:0 ; idl myprog.test"
```

Hi Lars!

You might be able to have the DISPLAY env variable set appropriately by using the following, which assumes you are using TCSH shell, which has the \$REMOTEHOST variable:

```
if ( $?prompt ) then
  setenv DISPLAY local-host:0.0
  if ( $?REMOTEHOST == 1 ) then
    test $?REMOTEHOST && setenv DISPLAY ${REMOTEHOST}:0.0 >&
/dev/null
  endif
endif
```

I put this in a global startup file that gets sourced by everyone's
.cshrc file.

Dave Foster

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