
Subject: Re: How do I plot to a different X-terminal from

Posted by [oet](#) on Wed, 09 Jun 1993 11:19:25 GMT

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In article 23476@Princeton.EDU, Bill Davis <bdavis@pppl.gov> () writes:

> I'd like to have some IDL code send plots both to the X-terminal I am
> running from, and to another. Can anyone tell me how to do this? (I
> will run this under VMS and DECnet, but could switch to UNIX, if it
> matters.) I know I will have to handle the security on the remote
> X-terminal.

If you could switch to UNIX, you can do this using the RPC-capabilities
of IDL. Start several IDL servers on different machines (`idl -server &`)

In `$IDL_DIR/rpc/examples` you will find some templates for writing
RPC-Clients. It should be easy to change this codes to be able to
provide a list of different IDL-RPC-Servers instead of only one.

Here is the usage of the small example `rmtidl` :

```
/*                                     */
/*  Usage: rmtidl [server_id] [hostname]                                     */
/*                                     */
/*  E.g.   rmtidl 0x234567890          -- change server id  */
/*         rmtidl mymachine           -- use remote host   */
/*         'mymachine'                */
/*         rmtidl 0x12345678 thunder   -- use IDL running on */
/*         host 'thunder' with server ID 12345678 (hex)    */
/*                                     */
```

... the command in the source code later in this example could be
changed to send the `cmdbuffer` with a loop to an array of servers:

```
printf("%d\n",send_idl_command( client, cmdbuffer ) );
```

-Thomas

--

```
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```
