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Subject: Re: Ploting some data during fortran code execution

Posted by [steinhh](#) on Thu, 03 Jun 1999 07:00:00 GMT

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Oh, by the way, I thought I should mention a *\*very\** nice way to take advantage of IDL's RPC capabilities.

I'm currently developing C programs for my PhD thesis, but I like to use IDL as a plotting program (for easy visual debugging) and as a prototyping language.

The way I do this is to use Remote Procedure Calls to send data and commands to IDL. The *\*really\** neat thing, however, is that one idlrpc server process can be a server for more than one client simultaneously.

So what I do is to use the `idl/external/rpc/example.c` program as a command input front-end to an idlrpc process running in the background.

My C programs connect to the same process and send data and [e.g. plotting] commands. At the same time, I can use the front-end to type commands interactively. The `example.c` program is pretty "dumb" wrt. command line editing, but guess what, you can easily run it under `idl-shell` (sorry, `idlwave-shell`) in emacs, giving you all the command line editing functionality you could ever want, as well as the neat debugging/breakpoint functionality of the `idlwave` package!

I really don't know what I'd do without it!

Regards,

Stein Vidar

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