Subject: Re: more difficulties in IDL - C++ combination
Posted by Chris[1] on Mon, 09 Jun 2003 11:44:27 GMT

Hi Juan;

We use pipes regularly to link IDL and C language functions in UNIX/Linux
(It's a headache in Windoze..). I simply modify the C language functions so
that they can take their I/O through named pipes, and then read/write them
through normal file operations in IDL. To keep the IDL function running
independently of the C function, just make sure you spawn the C language
function in the background, and that you have the communication protocol
between the processes worked out.  This method to spread large IDL processes
out over multiple CPU's (by breaking it into a number of smaller processes
that communicate via pipes) it works pretty efficiently.

You could also look at socket programming, which is a little more direct &
generic and has some hope of working on MS systems. I avoid it because I
don't ever want any of the people I work for thinking I might enjoy working
on a Bill Gates product :)

Cheers;

Chris