
Subject: Re: How to organize client-server IDL application?
Posted by [John-David T. Smith](#) on Tue, 31 Jul 2001 15:36:47 GMT
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Altyntsev Dmitriy wrote:

>
> Hi,
>
> I need to build classic client-server IDL application. I have some
> program on the client side, it sent some data to server part, server
> processes this data and returns the result to client. Both of the
> sides are written in IDL. But I can't find a proper way of doing that.
> So, what I have found. Where am I wrong?
> ActiveX - for one machine and not for IDL client program
> ION - for Internet, for browser
> Socket - only for client side
> RPC - call IDL server from C (how to do this from IDL?)
> Now, I'm get out of this problem by managing buffer files on local
> network and ftp, but I think it's not quite right.
>

I'd consider using the IDL internal SOCKET procedure on the client side,
and building a TCP/IP socket server on the server side, written in C and
connected to IDL as a DLM. It's not as hard as it sounds. If it's a
local client-server interaction, a pair of named pipes (FIFO's) would
do.

JD

Subject: Re: How to organize client-server IDL application?
Posted by [Stein Vidar Hagfors H\[1\]](#) on Tue, 31 Jul 2001 15:49:22 GMT
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JD Smith <jdsmith@astro.cornell.edu> writes:

> Altyntsev Dmitriy wrote:
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> do.

Or write a DLM on the client side that uses RPC calls to communicate with
the server.

--

Stein Vidar Hagfors Haugan
ESA SOHO SOC/European Space Agency Science Operations Coordinator for SOHO

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Subject: Re: How to organize client-server IDL application?
Posted by [HILBERMAN](#) on Wed, 01 Aug 2001 18:39:59 GMT
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Altyntsev Dmitriy wrote:

> I need to build classic client-server IDL application. I have some
>

I'm not sure what your needs are, but you may want to look into DODS:
Distribution Oceanographic Data System; it's a client-server set-up that
applies to all data types (not just oceanographic). DODS allows
communication between many different API's (IDL included), and uses the
web to communicate between client and server. I think you can set it up
so that the server isn't accessible to anyone outside of your group, but
I'm not sure.

We set up an IDL client on a sun sparcsolaris 8. Although it was a pain
to set-up, the rewards are good.

Cheers,
Davida

Subject: Re: How to organize client-server IDL application?

Posted by [alt](#) on Fri, 03 Aug 2001 03:21:51 GMT

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Stein Vidar Hagfors Haugan <shaugan@esa.nascom.nasa.gov> wrote in message news:<xmz3d7dnlod.fsf@esa.nascom.nasa.gov>...

> JD Smith <jdsmith@astro.cornell.edu> writes:

>

>> Altyntsev Dmitriy wrote:

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Thank you. I think it would be the easiest way to solve this problem.

Dmitriy
