
Subject: Re: IDL on the web?

Posted by [penteado](#) on Sun, 06 Sep 2009 22:13:08 GMT

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On Sep 6, 6:11 pm, Petula Lau <pet...@gmail.com> wrote:

> Hi all,

>

> I currently work for a science institute, and I have been assigned a
> task to provide an IDL program on our public website.

>

> The IDL program is a solar energy calculator. It requires inputs such
> as latitude, longitude, tilt of the solar panels, months of the year
> to calculate etc. It outputs a graph which shows you the expected
> position of the sun relative to where you live.

>

> I have been searching for over a day now, but haven't found anything
> as to how to put this program on the web.

>

> I thought of maybe two possibilities:

> 1. Create php front-end input form and shell out to the machine with
> IDL installed (we will have to be running IDL the whole time). This
> will require us purchasing another IDL licence.

If you made a runtime version of your application, it would not need a license to run. It seems that it could be made a console application, taking arguments from the command line, and if its output is just an image, it could save it to a file.

Subject: Re: IDL on the web?

Posted by [Wout De Nolf](#) on Mon, 07 Sep 2009 07:51:05 GMT

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On Sun, 6 Sep 2009 14:11:05 -0700 (PDT), Petula Lau <petula@gmail.com> wrote:

> I currently work for a science institute, and I have been assigned a
> task to provide an IDL program on our public website.

There used to be something like ION Java and ION Script. Here are some examples:

<http://ion.researchsystems.com/IONScript/wavelet/>

<http://coco.atmos.washington.edu/cgi-bin/ion-p?page=index.io> n

<http://helix.nih.gov/Applications/IONJava/>

I never used it myself and I think it's not included in IDL anymore. I

don't know why, maybe they don't want people to use IDL.

Here is an application that doesn't use ION

<http://soc.boulder.swri.edu/nhgv/>

I guess the main message is: IDL is not going to help you making web applications, so you have to make your own JAVA/PHP/... front-end as you suggested. (Not sure whether the IDL-JAVA bridge can help you...)

Subject: Re: IDL on the web?

Posted by [penteado](#) on Mon, 07 Sep 2009 15:37:30 GMT

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On Sep 7, 4:51 am, Wox <s...@nomail.com> wrote:

> On Sun, 6 Sep 2009 14:11:05 -0700 (PDT), Petula Lau <pet...@gmail.com>
> wrote:

>

>> I currently work for a science institute, and I have been assigned a
>> task to provide an IDL program on our public website.

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> There used to be something like ION Java and ION Script. Here are some
> examples:

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>

> I never used it myself and I think it's not included in IDL anymore. I

> don't know why, maybe they don't want people to use IDL.

The Java bridge still exists (I think just the name is not ION anymore). There is also a COM bridge. But I also never used them myself, except for just running an application that used the Java bridge, so I do not know how to do it.

Subject: Re: IDL on the web?

Posted by [Scott\[1\]](#) on Fri, 11 Sep 2009 20:08:50 GMT

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Take a look at the following tech tips and they should get you going in the right direction.

Cheers,
Scott Ellis

4322 First Primer on IDL-JSP Interface - Embedding a Static IDL

Visualization on a Web Page

<http://www.itvis.com/services/techtip.asp?ttid=4322>

4327 Second Primer on IDL-JSP Web App Interface - Passing Parameters to IDL

<http://www.itvis.com/services/techtip.asp?ttid=4327>

4332 Third Primer on IDL-JSP Web App Interface - Updating Web Page IDL Graphics with Ajax

<http://www.itvis.com/services/techtip.asp?ttid=4332>

4324 One Proposal for How To Set Up Java-IDL Export Bridge-based Web Interface Projects

<http://www.itvis.com/services/techtip.asp?ttid=4324>
