
Subject: Re: IDL with php

Posted by [Ben Panter](#) on Tue, 23 Jan 2007 10:38:46 GMT

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pranavkesarkar@gmail.com wrote:

> Hello,
>
> I am working on a website and I use php to connect to the database. The
> database contains some data that I plot using IDL,I use linux operating
> system and apache as a service,now I was thinking of a way by which I
> can use php shell commands(system,exec,shell_exec) to execute a .pro
> file.If any of you can help me out I would highly appreciate it.
> Thank You
>
> Pranav D Kesarkar
>

Hi Pranav,

I think you might want something called a batch file. This is a file containing a series of commands rather than a typical idl program which starts with PRO or FUNCTION. You can call this from the shell with the following:

idl batch.pro

The batch file can compile and run normal IDL programs... suitable contents for batch.pro could be

```
.r myprog.pro  
myprog
```

and make myprog.pro a standard idl program (or function)

cheers,

Ben

--

Ben Panter, Edinburgh, UK.

Email false, <http://www.benpanter.co.uk>

or you could try ben at ^^^^^^^^^^^^^

Subject: Re: IDL with php

Posted by [greg michael](#) on Tue, 23 Jan 2007 10:43:41 GMT

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What if you compile your program into a .sav file and call it with idl -rt ? I haven't tried it myself, but I'd certainly like to know if it's possible.

The alternative is to use IDL ION and pay another hefty licence fee. I've done it this way: it's relatively simple.

regards,
Greg

pranavkesarkar@gmail.com wrote:

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> Pranav D Kesarkar

Subject: Re: IDL with php

Posted by pranavkesarkar@gmail.com on Thu, 25 Jan 2007 16:51:47 GMT

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I can compile and run the file on the command line but I cannot figure out a way to run the program using php. I am working on php and have been trying to use the php shell commands to execute the .pro file but it doesnt seem to work.

Thanks for the help.

On Jan 23, 5:38 am, Ben Panter <m...@privacy.net> wrote:

> pranavkesar...@gmail.com wrote:
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> Ben
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> Ben Panter, Edinburgh, UK.
> Email false, <http://www.benpanter.co.uk>
> or you could try ben at ^^^^^^^^^^^^^^^

Subject: Re: IDL with php
Posted by [JD Smith](#) on Thu, 25 Jan 2007 18:55:16 GMT
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On Thu, 25 Jan 2007 08:51:47 -0800, pranavkesarkar@gmail.com wrote:

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> a way to run the program using php. I am working on php and have been
> trying to use the php shell commands to execute the .pro file but it
> doesnt seem to work.
> Thanks for the help.

You probably want to use proc_open or popen to communicate with IDL directly. Here's an example I found interfacing to GNUPlot:

<http://celeste.cn/PHP-GNUPlot/>

The issue will be starting and restarting IDL continuously for each request, which, if they are frequent, will be painful.

JD

Subject: Re: IDL with php
Posted by [Nigel Wade](#) on Fri, 26 Jan 2007 09:44:02 GMT
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pranavkesarkar@gmail.com wrote:

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> Thanks for the help.
>

In PHP the statement we use to execute an IDL script (the name of which is held in \$idl_input) is:

```
system("idl < ".$idl_input." 2>&1",$return);
```

or

```
exec("idl < ".$idl_input." 2>&1",$output,$return);
```

--

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