
Subject: Re: IDL v PV-Wave ?

Posted by [jm](#) on Fri, 02 Nov 2007 18:19:01 GMT

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Robbie,

I switched from PV-Wave on Suns to IDL on Suns and then, finally, to IDL on Mac OS X. As I recall, there were only a handful of procedures that required modification, and then only minor. Note however that the procedures made no use of widgets -- they were mostly dedicated data analysis/plotting programs (display to X, print to PS/EPS).

-John

PS. Never looked back!

Subject: Re: IDL v PV-Wave ?

Posted by [Peter Clinch](#) on Mon, 05 Nov 2007 08:23:35 GMT

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Robbie wrote:

>> From what I recall, IDL and PV-Wave are very similar and I'm hoping
> that the simple things I want to do are possible under IDL under OS
> X.

They actually shared an identical source base, but since about IDL 5.0/PV-Wave 4.0 (???) they've evolved separately. So if it's just fairly simple number crunching and plots that don't involve widgets you've a fair chance of the source being good byte for byte. Throw in any recent developments in syntax or function calls from either product and you'll have to adjust, and widgets will mean starting from scratch in all probability.

Pete.

--

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Subject: Re: IDL v PV-Wave ?

Posted by [David Fanning](#) on Mon, 05 Nov 2007 09:32:10 GMT

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Peter Clinch writes:

- > They actually shared an identical source base, but since about IDL
- > 5.0/PV-Wave 4.0 (???) they've evolved separately.

IDL 3.0 was the first version with widgets, so the split goes as far back as that (IDL 3.0/PV-Wave 2.0). If you have a lot of "PLOT, data" calls you should be OK. But I have a feeling there will be just a bit more to it than that. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL v PV-Wave ?

Posted by [2d](#) on Wed, 14 Nov 2007 14:14:37 GMT

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Could anyone please summarise the relative benefits of widgets in IDL and PV-Wave.

Thank you.
