
Subject: IDL in Scientific Communication and Visualization
Posted by [David Fanning](#) on Tue, 02 Oct 2012 14:22:35 GMT
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Folks,

I'm giving a talk to some senior executives next week on how IDL can be used for scientific communication and visualization. Does anyone have some publicly-accessible (i.e., Internet) examples of IDL work they are particularly proud of and/or think might showcase IDL's role in producing high-quality science information for the public?

I'd be happy to highlight it and give you a shout-out in my talk. :-)

Cheers,

David

P.S. Matt, the NSIDC minimum ice image and graphs are already in my talk!

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL in Scientific Communication and Visualization
Posted by [Alexandra Laeng](#) on Thu, 04 Oct 2012 21:25:57 GMT
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Those are not mine but produced in our group:

http://www.esa.int/esaCP/SEMIF24SZLG_index_0.html

http://www.kit.edu/visit/pi_2012_8751.php

Last picture on this flyer (on the left on "Deadlines")
<http://congrexprojects.com/atmos2012/flyer>

Hope those can be useful!
Alex

Subject: Re: IDL in Scientific Communication and Visualization
Posted by [David Fanning](#) on Thu, 04 Oct 2012 22:39:41 GMT
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sasha.mozgova@gmail.com writes:

- > Those are not mine but produced in our group:
- >
- > http://www.esa.int/esaCP/SEMIF24SZLG_index_0.html
- >
- > http://www.kit.edu/visit/pi_2012_8751.php
- >
- > Last picture on this flyer (on the left on "Deadlines")
- > <http://congrexprojects.com/atmos2012/flyer>
- >
- > Hope those can be useful!

Wow! Wish I would have had some of those images for my book. Maybe next time. Thanks!

Anyone else? Still looking for good examples.

How about this question? What do you think is the most useful feature of IDL?

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Subject: Re: IDL in Scientific Communication and Visualization
Posted by [Alexandra Laeng](#) on Fri, 05 Oct 2012 08:20:34 GMT
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- > How about this question?
- > What do you think is the
- > most useful feature of IDL?

Coyote Library, if I dare to call it feature. :)

On more technical side - the arrays handling is the most useful feature for me. When you work with atmospheric vertical profiles from satellites, you are handling about 1 000 - 700 000 float

arrays of length 30-10 per day of data. When you want to do some meaningful statistics on it, like climatology where you are handling several years of data, IDL is way more handy than Matlab. In Matlab, in order to achieve the comparable speed of arrays handling, you have to write Mex functions, while in IDL it is all build-in.

Alex
