
Subject: Re: Teaching material

Posted by [Pavel A. Romashkin](#) on Wed, 28 Nov 2001 17:21:35 GMT

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I wish I had your courage to agree to teach a course next week having no didactical materials ready :(

I am such a pansy.

Pavel

Markus Reichstein wrote:

>

> Dear all,

> it is decided, that I will give an internal course about the basics of

> IDL and PV-WAVE starting next week (spontaneous group decision...).

> Now I am wondering if there is some didactical material (e.g. PPT

> Presentation, explaining array handling etc., a well-tested

> time-schedule for a course with programming beginners ...) around that

> anyone would share with me.

>

> Thanks so much,

> Markus

Subject: Re: Teaching material

Posted by [David Fanning](#) on Wed, 28 Nov 2001 17:37:03 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> I wish I had your courage to agree to teach a course next week having no
> didactical materials ready :(

Oh, heck, I do it all the time. Piece of cake.

A white board and a magic marker and I'm set. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438, E-mail: david@dfanning.com

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Teaching material

Posted by [Pavel A. Romashkin](#) on Wed, 28 Nov 2001 17:46:53 GMT

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David Fanning wrote:

>

> Oh, heck, I do it all the time. Piece of cake.

> A white board and a magic marker and I'm set. :-)

I am afraid this is what my poster is gonna look like at AGU in San Francisco in a week. Given the time I spend reading this NG. But it is damn addictive :(

Pavel

Subject: Re: Teaching material

Posted by [David Fanning](#) on Wed, 28 Nov 2001 17:59:16 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> I am afraid this is what my poster is gonna look like at AGU in San

> Francisco in a week.

Be sure to put little smilely faces after your conclusions. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

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Subject: Re: Teaching material

Posted by [R.Bauer](#) on Wed, 28 Nov 2001 18:06:01 GMT

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Markus Reichstein wrote:

>

> Dear all,

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> IDL and PV-WAVE starting next week (spontaneous group decision...).

> Now I am wondering if there is some didactical material (e.g. PPT

> Presentation, explaining array handling etc., a well-tested

> time-schedule for a course with programming beginners ...) around that

> anyone would share with me.

>

> Thanks so much,

> Markus

Dear Markus,

how much days did your course take? If it's only a day
you should show the idl basics book. This is for the
most beginners enough. If it is well explained
a lot of idl functionality is shown.

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)

Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de

<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

=====

read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>

Subject: Re: Teaching material

Posted by [Wayne Landsman](#) on Wed, 28 Nov 2001 18:15:07 GMT

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Markus Reichstein wrote:

> Dear all,

- > it is decided, that I will give an internal course about the basics of
- > IDL and PV-WAVE starting next week (spontaneous group decision...).
- > Now I am wondering if there is some didactical material (e.g. PPT
- > Presentation, explaining array handling etc., a well-tested
- > time-schedule for a course with programming beginners ...) around that
- > anyone would share with me

I know of two instructional college courses about IDL taught by astronomers with online notes and exercises. (Presumably at a beginning level, most of the material can apply to fields besides astronomy.)

Robert O'Connell (U. of Virginia) has written a guide to IDL for Astronomers

(<http://www.astro.virginia.edu/class/oconnell/ast511/IDLguide.html>)

including exercises for class work.

(
<http://www.astro.virginia.edu/class/oconnell/ast511/IDLexercises/IDL-Exercises-I.html>
)

Carl Heiles (UC Berkeley) has written a set of postscript file tutorials on "Learning IDL

for Astronomy" (

<http://www.ugastro.berkeley.edu/tutorials/tutorials.html>)

There is also a course on "Programming for Imaging Science" at the Rochester Institute of Technology <http://www.cis.rit.edu/class/simg211/> which is an introduction to Unix and IDL.

--Wayne Landsman landsman@mpb.gsfc.nasa.gov

Subject: Re: Teaching material

Posted by [markus.reichstein](#) on Thu, 29 Nov 2001 07:12:09 GMT

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All,

Thanks so much for all your replies. Now with these nice tutorials plus David's book in my hand I am quite optimistic :-). For those who asked: It's about four afternoons with 3 hours = 12 hours. Most participants do not know programming. So I'll see how far I can get.

Bye,

Markus
