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Subject: IDL 8.0 now available

Posted by [bokubo](#) on Thu, 22 Jul 2010 20:00:43 GMT

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IDL 8.0 is now available for download from the ITT VIS website. This is a major, significant development effort for IDL that includes:

- Graphics That Are Powerful Yet Easy - New graphics functions for plot, surface, contour, image and map create dynamic, presentation-quality visualizations.
- Enhanced, Expanded Programming Language - New control features, core data types and a modern scripting syntax that is familiar makes developing IDL code and applications fast and easy.
- Simplified, More Intuitive Development Environment - The IDL workbench has been streamlined so it's easier to create, edit and debug your IDL code.
- Redesigned Help System - The online help has been redesigned to make it easier to learn IDL with a focus on tasks and "how to" in IDL.

License administrators for licenses that are current on maintenance will receive an email about how to upgrade to IDL 8.0. For more information about IDL 8.0, visit <http://www.itervis.com/ProductServices/IDL/LatestRelease.aspx>.

Bill Okubo, IDL Product Manager

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Subject: Re: IDL 8.0 now available

Posted by [David Fanning](#) on Mon, 26 Jul 2010 17:01:15 GMT

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mgalloy writes:

- > Next topic is the new help system:
- >
- > <http://michaelgalloy.com/2010/07/26/idl-8-0-help.html>

What do you think it would take to get the Help system to open itself in the Index tab? An act of Congress? A complete boycott of IDL? Sheesh!

Cheers,

David

P.S. Alright, I understand the marketing decisions that might cause you to want the Help system to open up on its very front page when you first open it up. But couldn't we at least figure out a way that the Help system opened up in the last tab you were in before you closed it? Heck, I would be happy if it just

did this is the current IDL session! This is one of those things  
that just cause me to shake my head. :-(

--

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.")

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Subject: Re: IDL 8.0 now available  
Posted by [Michael Galloy](#) on Mon, 26 Jul 2010 17:11:25 GMT  
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On 7/26/10 11:01 AM, David Fanning wrote:

> P.S. Alright, I understand the marketing decisions that might  
> cause you to want the Help system to open up on its very front  
> page when you first open it up. But couldn't we at least figure  
> out a way that the Help system opened up in the last tab you  
> were in before you closed it? Heck, I would be happy if it just  
> did this is the current IDL session! This is one of those things  
> that just cause me to shake my head. :-(

Yes, issues like that quickly add up to a lot of usability (or lack of it).

Mike

--

[www.michaelgalloy.com](http://www.michaelgalloy.com)  
Research Mathematician  
Tech-X Corporation

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Subject: Re: IDL 8.0 now available  
Posted by [penteado](#) on Fri, 30 Jul 2010 14:40:57 GMT  
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On Jul 30, 11:15 am, Paul van Delst <[paul.vande...@noaa.gov](mailto:paul.vande...@noaa.gov)> wrote:

> Given the fact that there is an "\_overload" prefix, I would've thought it easy to correctly parse  
everything between  
> that and the next "," to correctly interpret the operator or operation to be overloaded.

I suppose it is to make the classes still possible to compile in  
earlier versions of IDL. Yes, the overloading would not be usable with  
those versions, but the rest of the class could still be used  
(provided none of the new syntax is used in the code that will get  
used). This way, one just needs to make a dummy IDL\_Object class to

inherit from, as Michael Galloy suggests.

So it makes easier the transition period (which can be awfully long, due to the unresponsiveness of those sysadmins that I have met; I have not been as lucky as Paul).

> BTW, does IDL 8.0 have the ability to create user defined operators?

I think only those predefined operators can be used.

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Subject: Re: IDL 8.0 now available

Posted by [Heinz Stege](#) on Tue, 03 Aug 2010 18:50:51 GMT

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On Tue, 03 Aug 2010 11:36:12 -0600, mgalloy wrote:

> The new Workbench:

>

> [http://michaelgalloy.com/2010/08/03/idl-8-0-idl-workbench.ht ml](http://michaelgalloy.com/2010/08/03/idl-8-0-idl-workbench.html)

>

> I think there will be two more articles: the new graphics system and  
> other language changes.

>

> Mike

Hi Mike,

very nice articles. I have to add something to the workbench blog. The perspectives are not gone. There are four perspectives after IDL installation. But there seems to be a bug, which makes them invisible.

You can make them visible again. (At least till the next restart of the workbench.) Go to the Windows -> Preferences menu, choose General -> Appearance. Then you can set the "Perspective switcher positions" from "Top Right" to "Left" (and press the Apply button).

Now you can see an "Open Perspective" button and one or more perspective buttons near the left border off the workbench. The button of the active perspective has a context menu with "Save As ..." and other commands.

Too bad, that there is no help file for the workbench anymore :-(

Heinz

---

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Subject: Re: IDL 8.0 now available

Posted by [Michael Galloy](#) on Tue, 03 Aug 2010 19:10:32 GMT

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On 8/3/10 12:50 PM, Heinz Stege wrote:

> On Tue, 03 Aug 2010 11:36:12 -0600, mgalloy wrote:

>

>> The new Workbench:

>>

>> [http://michaelgalloy.com/2010/08/03/idl-8-0-idl-workbench.ht ml](http://michaelgalloy.com/2010/08/03/idl-8-0-idl-workbench.html)

>>

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>>

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> Hi Mike,

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> perspective buttons near the left border off the workbench. The button  
> of the active perspective has a context menu with "Save As ..." and  
> other commands.

>

> Too bad, that there is no help file for the workbench anymore :-(

Ah, thanks for the tip! I will add a link to your message.

Mike

--

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Subject: Re: IDL 8.0 now available

Posted by [penteado](#) on Wed, 04 Aug 2010 18:00:49 GMT

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I have created a new combined binary distribution to use with make\_rt,

similar to the one mentioned in

[http://groups.google.com/group/comp.lang.idl-pvwave/browse\\_thread/thread/da1107a2c215c3ec#](http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/da1107a2c215c3ec#)

but for IDL 8. It contains binaries (both 32 and 64-bit) for Linux, Windows, and Mac. Apparently the PPC Mac binaries have been dropped from the IDL distribution. They can be found at

[http://www.ppenteadonet.idl/idl71\\_rt.html](http://www.ppenteadonet.idl/idl71_rt.html)

The old files, for IDL 7.1, are still there as well.

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Subject: Re: IDL 8.0 now available

Posted by [Michael Galloy](#) on Thu, 12 Aug 2010 19:33:49 GMT

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On 8/9/10 4:04 PM, mgalloy wrote:

> On 8/3/10 11:36 AM, mgalloy wrote:

>> On 7/27/10 11:13 AM, mgalloy wrote:

>>> On 7/26/10 10:50 AM, mgalloy wrote:

>>>> On 7/22/10 3:17 PM, mgalloy wrote:

>>>> > I'll again go through a few of the new features of the release on my  
>>>> > site. The first topic is the new list and hash types:

>>>> >

>>>> > <http://michaelgalloy.com/2010/07/22/idl-8-0-lists-and-hashes.html>

>>>> >

>>>> > Mike

>>>>

>>>> Next topic is the new help system:

>>>>

>>>> <http://michaelgalloy.com/2010/07/26/idl-8-0-help.html>

>>>>

>>>> Mike

>>>>

>>>

>>> Operator overloading:

>>>

>>> <http://michaelgalloy.com/2010/07/27/idl-8-0-operator-overloading.html>

>>>

>>> Mike

>>>

>> The new Workbench:

>>

>> <http://michaelgalloy.com/2010/08/03/idl-8-0-idl-workbench.html>

>>

>> I think there will be two more articles: the new graphics system and

>> other language changes.  
>>  
>> Mike  
>  
> Here's the article on other language changes, i.e., negative subscripts,  
> !null, automatic garbage collection, and other changes to object syntax:  
>  
> <http://michaelgalloy.com/2010/08/09/idl-8-0-other-language-changes.html>  
>  
> Mike

The new graphics interface:

<http://michaelgalloy.com/2010/08/12/idl-8-0-a-new-graphics-interface.html>

I think I'll have one more article to wrap-up some misc notes about IDL 8.0.

Mike

--

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Tech-X Corporation

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Subject: Re: IDL 8.0 now available  
Posted by [Michael Galloy](#) on Thu, 19 Aug 2010 16:56:03 GMT  
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On 8/12/10 1:33 PM, mgalloy wrote:  
> On 8/9/10 4:04 PM, mgalloy wrote:  
>> On 8/3/10 11:36 AM, mgalloy wrote:  
>>> On 7/27/10 11:13 AM, mgalloy wrote:  
>>>> On 7/26/10 10:50 AM, mgalloy wrote:  
>>>> > On 7/22/10 3:17 PM, mgalloy wrote:  
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>>>> >  
>>>> > Mike  
>>>> >  
>>>>

>>>> Operator overloading:  
>>>>  
>>>> <http://michaelgalloy.com/2010/07/27/idl-8-0-operator-overloading.html>  
>>>>  
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>>>  
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>  
> <http://michaelgalloy.com/2010/08/12/idl-8-0-a-new-graphics-interface.html>  
>  
> I think I'll have one more article to wrap-up some misc notes about IDL  
> 8.0.  
>  
> Mike

IDL 8.0 wrap-up is here:

<http://michaelgalloy.com/2010/08/19/idl-8-0-wrap-up.html>

I also had an article about distribution/licensing changes:

<http://michaelgalloy.com/2010/08/18/idl-8-0-distributionlicensing.html>

That's all the 8.0 stuff I have for now.

Mike

--

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Tech-X Corporation

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Subject: Re: IDL 8.0 now available  
Posted by [Matt Haffner](#) on Thu, 19 Aug 2010 19:59:48 GMT  
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A few more 8.0 tips:

\* The new help system is missing a lot of old documentation. For example, unless I'm really overlooking something, the details of object implementation and syntax for coding custom objects is not there. The "Objects" topic mostly describes just the built-in classes. However, PDFs are available in `idl/help/pdf/`. They look to be fairly unchanged from the 7.x versions despite the "June 2010" on the cover. They don't seem to have any of the new 8.0 language features, in particular.

\* This may have been more obvious to those of you that had been using objects and tracking 8.0 improvements, but I'm just starting to use them with 8.0. In the "Modifying Object Properties" help topic, it states:

"If your object inherits from the `IDL_Object` class, you can set or change the object's properties after object initialization by calling the property directly using the dot operator..."

I naively thought this meant that default get/set methods were built into the `IDL_Object` superclass, but they're not. As the "What's New" topic states, you have to provide `SetProperty` and `GetProperty` methods. `IDL_Object` is just providing the operator overloading.

- mh

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Subject: Re: IDL 8.0 now available  
Posted by [huiqiang.liu.37](#) on Fri, 10 May 2013 08:03:14 GMT  
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Hi,  
the link you supply can't be opened, could you post an available site?

Thanks!

On Friday, July 23, 2010 5:00:43 AM UTC+9, BillO wrote:

- > IDL 8.0 is now available for download from the ITT VIS website. This
- > is a major, significant development effort for IDL that includes:
- > - Graphics That Are Powerful Yet Easy - New graphics functions for
- > plot, surface, contour, image and map create dynamic, presentation-
- > quality visualizations.
- > - Enhanced, Expanded Programming Language - New control features, core



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  - > developing IDL code and applications fast and easy.
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  - >
  - > License administrators for licenses that are current on maintenance
  - > will receive an email about how to upgrade to IDL 8.0. For more
  - > information about IDL 8.0, visit <http://www.ittvis.com/ProductServices/IDL/LatestRelease.aspx> .
  - >
  - > Bill Okubo, IDL Product Manager
- 

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Subject: Re: IDL 8.0 now available

Posted by [Michael Galloy](#) on Mon, 13 May 2013 15:56:23 GMT

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ExelisVIS has updated their website recently. I believe the way to download something now is to login to your account from [exelisvis.com](http://exelisvis.com). Then go to the downloads tab. I don't think you will be able to get IDL 8.0 though, IDL 8.2.2 is the current version.

-Mike

On 5/10/13 2:03 AM, Huiqiang Liu wrote:

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- > the link you supply can't be opened, could you post an available site?
- >
- > Thanks!
- >
- > On Friday, July 23, 2010 5:00:43 AM UTC+9, BillO wrote:
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>> information about IDL 8.0, visit <http://www.itervis.com/ProductServices/IDL/LatestRelease.aspx>  
.  
>>  
>> Bill Okubo, IDL Product Manager  
>

--

Michael Galloy  
[www.michaelgalloy.com](http://www.michaelgalloy.com)  
Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)  
Research Mathematician  
Tech-X Corporation

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Subject: Re: IDL 8.0 now available  
Posted by [huiqiang.liu.37](#) on Wed, 15 May 2013 08:53:56 GMT  
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i login the exelisvis.com and have not found the download of IDL 8.0.

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>  
> Bill Okubo, IDL Product Manager

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Subject: Re: IDL 8.0 now available  
Posted by [Haje Korth](#) on Thu, 16 May 2013 00:14:12 GMT  
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That is because v8.0 is old and is no longer offered publicly. The latest version is v8.2.2, which you can find at the exelisvis web site. If you really need v8.0, i suggest you open a support case with them.

On Wednesday, May 15, 2013 4:53:56 AM UTC-4, Huiqiang Liu wrote:

> i login the exelisvis.com and have not found the download of IDL 8.0.

>

>

>

> anyone could post a effective website for that?

>

>

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>  
>>  
>  
>> Bill Okubo, IDL Product Manager

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