Subject: idl 7

Posted by R.Bauer on Thu, 28 Feb 2008 09:27:24 GMT

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Ηi

we have had so much issues the last days with disappearing data in debugging mode or changing content of vars or wrong pathes and not finding sources that mostly all users I talked with complaint not to use this version 7 of idl.

I do wonder a bit that none of the beta testers run in those problems. Or do we have currently the beta phase ?

cheers Reimar

Subject: Re: idl 7

Posted by David Fanning on Thu, 28 Feb 2008 13:33:48 GMT

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## Reimar Bauer writes:

- > I do wonder a bit that none of the beta testers run in those problems.
- > Or do we have currently the beta phase?

What!? The Germans are becoming ironic. And at a time when the Euro has hit the highest value against the dollar ever. I have no idea what this world is coming to. :-)

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 7

Posted by Mort Canty on Thu, 28 Feb 2008 16:46:36 GMT

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## David Fanning schrieb:

- > What!? The Germans are becoming ironic. And at a time
- > when the Euro has hit the highest value against the dollar
- > ever.

Right, and the royalties on my book are approaching zilch, asymptotically. :-(

Mort

Subject: Re: idl 7

Posted by Paul Levine on Fri, 29 Feb 2008 03:43:20 GMT

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On 2008-02-28 08:46:36 -0800, Mort Canty <m.canty@fz-juelich.de> said:

> David Fanning schrieb:

- >> What!? The Germans are becoming ironic. And at a time
- >> when the Euro has hit the highest value against the dollar ever.

> Right, and the royalties on my book are approaching zilch, asymptotically. :-(

> Mort

I just bought a copy about a month ago. It was an optional text for a class, and so far we haven't touched it in the class yet, but I am getting a lot out of it on my own

Subject: Re: idl 7

Posted by Mort Canty on Fri. 29 Feb 2008 08:45:50 GMT

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## Paul Levine schrieb:

- > I just bought a copy about a month ago. It was an optional text for a
- > class, and so far we haven't touched it in the class yet, but I am
- > getting a lot out of it on my own

>

Hi Paul.

The book's software on the publisher's website is tedious to update. I'm

trying to keep the latest versions on

http://mcanty.homepage.t-online.de/software.html

Cheers

Mort

Subject: Re: idl 7

Posted by R.Bauer on Thu, 06 Mar 2008 09:24:45 GMT

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Reimar Bauer schrieb:

- > Hi
- >
- > we have had so much issues the last days with disappearing data in
- > debugging mode or changing content of vars or wrong pathes and not
- > finding sources that mostly all users I talked with complaint not to use
- > this version 7 of idl.

>

- > I do wonder a bit that none of the beta testers run in those problems.
- > Or do we have currently the beta phase?
- >

>

- > cheers
- > Reimar

I exchanged some private mails with ittvis and they do work on some of the annoying problems

cheers

Reimar

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Comment: Using GnuPG with SUSE - http://enigmail.mozdev.org

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Subject: Re: IDL 7

Posted by penteado on Thu, 27 Aug 2009 17:08:40 GMT

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On Aug 27, 7:58 am, James Kuyper <jameskuy...@verizon.net> wrote:

- > The government contract that pays my paycheck recently transferred from
- > one company to another, and so, perforce, did I and most of my
- > coworkers, along with most of the associated hardware and software. Our
- > new employer is going to have to buy new licenses, and I was asked
- > whether we should upgrade from IDL 6.3 as well. What's the current
- > consensus? I heard a lot of bad things about IDL 7.0 when it first came
- > out has the situation improved? Did it get easier once you got used to it?

I find IDL 7.1 much, much, much superior to 6.3 (and very noticeably better than 7.0). To me, the most significant improvement is the workbench, which has a lot more tools and understands the code a lot better. I also find it very convenient that the workbench is based on Eclipse, since I use Eclipse for every other language I program. See more specific details on the workbench in what I wrote on the thread

http://groups.google.com/group/comp.lang.idl-pvwave/browse\_t hread/thread/1b7dc034eb4d6542#

Also, he itools kept improving, and IDL 7.1 brought several simple procedures to manipulate them; see, for instance:

http://michaelgalloy.com/2009/08/15/idl-7-1-itools-procedura l-api.html#more-521

Other important improvements are not as obvious to notice, if you do not know to look for them: make\_rt, 24 bit PS, CSV, command line in Windows and IDLDoc support are some that come to mind now. In that respect, I have often found that ITTVIS should make better advertising of the new features on each version. On several occasions, I only discovered some important new feature several months after an upgrade.

Subject: Re: IDL 7

Posted by Michael Galloy on Fri, 28 Aug 2009 05:13:36 GMT

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## James Kuyper wrote:

- > The government contract that pays my paycheck recently transferred from
- > one company to another, and so, perforce, did I and most of my
- > coworkers, along with most of the associated hardware and software. Our
- > new employer is going to have to buy new licenses, and I was asked
- > whether we should upgrade from IDL 6.3 as well. What's the current
- > consensus? I heard a lot of bad things about IDL 7.0 when it first came
- > out has the situation improved? Did it get easier once you got used to

ITT VIS responded to the "eternal analyzing code" problem and several other issues in the Workbench. I still find it fairly slow, but the features are great. I end of using it only about 20% of the time since I spend most of my time at the Unix command line.

I would recommend IDL 7.1 much more highly than IDL 7.0. Some IDL 7.1 features (these all have articles on my website at michaelgalloy.com that begin "IDL 7.1:"):

- \* iTools programmatic API
- \* 24-bit PostScript
- \* code distribution features (platform extensions for DLMs and update site wizard)
  - \* Windows command line

IDL 7.0 had the IDL Workbench, but that was such a big change that it seems reasonable to wait a bit for it to be more stable. The MAKE\_RT command (from within IDL) was added. There were actually some fairly nice features in the 7.0.x series: IDLdoc support in the Workbench, Mac OS X 64-bit support, and some Workbench tweaks.

IDL 6.4 had:

- \* 24-bit Z buffer
- \* IDLnetURL class as an HTTP/FTP client

Of course, all three versions had minor bug fixes and other small miscellaneous features (although they are big if it's the one thing you really need).

I wish ITT VIS would produce and publicize a bit more useful set of release notes for each version of IDL. I will try to create at least an overview article about future versions (if I'm feeling motivated I'll try to do the more detailed version with some examples like I did for IDL 7.1).

Mike

--

www.michaelgalloy.com Associate Research Scientist Tech-X Corporation