
Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [David Fanning](#) on Wed, 19 Dec 2007 18:27:33 GMT

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bokubo@ittvis.com writes:

> An update to the IDL 7.0 Workbench is now available on the ITT VIS
> workbench update site.

Well, that was pretty darn painless! I like that way
of updating. :-)

And MUCH faster than before, too.

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 7.0.1 update to improve Analyzing Code performance

Posted by [David Fanning](#) on Wed, 19 Dec 2007 18:32:20 GMT

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David Fanning writes:

> And MUCH faster than before, too.

Whoops! I forgot to say thanks. I really appreciate the
ITTVIS folks willingness to get on here and help us out
with this learning curve. It is extremely helpful.

Cheers,

David

--

David Fanning, Ph.D.

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

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [b_gom](#) on Wed, 19 Dec 2007 18:56:39 GMT

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Thanks Bill, this *much* faster now on my system which has a large networked source tree. The 'analyzing code' process now completes in about a minute, compared to possibly hours before. The network bandwidth useage is significantly higher during the analyzing, but the duration is much shorter.

Brad

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [Vince Hradil](#) on Wed, 19 Dec 2007 19:19:00 GMT

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On Dec 19, 12:56 pm, b_...@hotmail.com wrote:

> Thanks Bill, this *much* faster now on my system which has a large
> networked source tree. The 'analyzing code' process now completes in
> about a minute, compared to possibly hours before. The network
> bandwidth useage is significantly higher during the analyzing, but the
> duration is much shorter.

>

> Brad

I agree - Thanks!

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [Vince Hradil](#) on Wed, 19 Dec 2007 19:21:05 GMT

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On Dec 19, 1:19 pm, Vince Hradil <hrad...@yahoo.com> wrote:

> On Dec 19, 12:56 pm, b_...@hotmail.com wrote:

>

>> Thanks Bill, this *much* faster now on my system which has a large
>> networked source tree. The 'analyzing code' process now completes in
>> about a minute, compared to possibly hours before. The network
>> bandwidth useage is significantly higher during the analyzing, but the
>> duration is much shorter.

>

>> Brad

>

> I agree - Thanks!

Ooops - still a question. Now Analyzing Code goes to (100%) - then continues... The Progress view shows Analyzing Code: [count down from

about 1300]

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [David Fanning](#) on Wed, 19 Dec 2007 19:25:14 GMT

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Vince Hradil writes:

> Oops - still a question. Now Analyzing Code goes to (100%) - then
> continues... The Progress view shows Analyzing Code: [count down from
> about 1300]

Yeah, I noticed my counter hits 100% a little early in the process, but I just assumed that was a marketing technique. Do you think it is a bug?

Cheers,

David

--

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Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [Spon](#) on Thu, 20 Dec 2007 12:55:45 GMT

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On Dec 19, 7:25 pm, David Fanning <n...@dfanning.com> wrote:

> Vince Hradil writes:

>> Oops - still a question. Now Analyzing Code goes to (100%) - then
>> continues... The Progress view shows Analyzing Code: [count down from
>> about 1300]

>

> Yeah, I noticed my counter hits 100% a little early in the
> process, but I just assumed that was a marketing technique.
> Do you think it is a bug?

>

> 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.")

Strange - when I run it, it flies up through the percentages, and practically skips from 97% to being complete and disappearing off into the sunset. I'm one of the lucky ones, obviously! :-)

Chris

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [Haje Korth](#) on Thu, 20 Dec 2007 13:24:16 GMT
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Bill,
wow, this was quick to fix! I was wondering whether the update feature is the only way to get the update installed? I prefer an alternative way to download a file, which can be used when access to the net is not available. Will this be possible in the future?

Thanks,
Haje

<bokubo@ittvis.com> wrote in message
news:29a4dc35-f5b1-4683-9b97-27d96cf913f4@e6g2000prf.googlegrouper.com...

- > An update to the IDL 7.0 Workbench is now available on the ITT VIS
- > workbench update site. The IDL 7.0.1 update provides a patch to the
- > IDL Workbench that significantly speeds up the IDL code parser. When
- > the IDL Workbench starts, it needs to parse all PRO code on your IDL
- > path, to enable syntax highlighting, the outline view, content assist,
- > hover help, and open declaration. This parsing happens in a background
- > thread, but if you have a single CPU, or you have a large number of
- > files on your path, or have files out on a network drive, then you
- > might have experienced some slowdown in the IDL user interface. With
- > the update to IDL 7.0.1, the parsing speed should be about 4 times
- > faster, with even greater speed if your files are on a network drive.
- > In addition, the status bar now provides a percent complete for the
- > Analyzing Code job, which gives you a visual indication of how quickly
- > it will finish.
- >
- > To install the update, do the following steps:
- > 1. Log in as an administrator (or root), or ensure that you have write
- > permission to the IDL7.0 install directory on your machine.
- > 2. Open up the IDL Workbench application, and go under "Help->Software
- > Updates->Find and Install..." menu item.

- > 3. Once the Wizard appears (it may take a few moments), select "Search for updates of the currently installed features", then click "Finish".
 - > If a dialog appears about "Update Site Mirrors", be sure to select "Automatically select mirrors" and then "OK".
 - > 4. After a few minutes (it needs to search both the ITT VIS and Eclipse web sites), you should see a list of available updates. Be sure to *select* the "ITT VIS->Workbench Updates->IDL Development Tools 7.0.1". Be sure to *deselect* all Eclipse Project Updates.
 - > 5. Click "Next", accept the license, then "Next", then "Finish".
 - > 6. When the Feature Verification dialog appears, just click "Install All".
 - > 7. Restart the IDL Workbench.
 - >
 - > Verify the installation:
 - > To verify that the install was successful, when the IDL Workbench starts, the "Analyzing Code" job in the status bar should now report a percent complete. As another test, bring up the "About IDL Workbench" dialog. Note that the IDL version is still 7.0.0. However, if you then click on "Feature Details", you should see that the IDL Workbench feature is now version 7.0.1.
 - >
 - > Bill Okubo
 - > IDL Product Manager
-

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [David Fanning](#) on Thu, 20 Dec 2007 13:49:42 GMT
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Haje Korth writes:

- > wow, this was quick to fix! I was wondering whether the update feature is
- > the only way to get the update installed? I prefer an alternative way to
- > download a file, which can be used when access to the net is not available.
- > Will this be possible in the future?

I'm beginning to understand why people send all their programming tasks to India. Who needs the hassle!?

Cheers,

David

P.S. The only time the net's not available around here is for the morning crapper, and I'd just as soon leave it that way. :-)

--

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Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [Vince Hradil](#) on Thu, 20 Dec 2007 14:06:40 GMT
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On Dec 20, 7:24 am, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:

- > Bill,
- > wow, this was quick to fix! I was wondering whether the update feature is
- > the only way to get the update installed? I prefer an alternative way to
- > download a file, which can be used when access to the net is not available.
- > Will this be possible in the future?
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- > Thanks,
- > Haje
- >
- > <bok...@ittvis.com> wrote in message
- >
- > news:29a4dc35-f5b1-4683-9b97-27d96cf913f4@e6g2000prf.google.com... > An
- > update to the IDL 7.0 Workbench is now available on the ITT VIS
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- >> the IDL Workbench starts, it needs to parse all PRO code on your IDL
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>> Eclipse web sites), you should see a list of available updates. Be
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>> click on "Feature Details", you should see that the IDL Workbench
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>
>> Bill Okubo
>> IDL Product Manager

Isn't there an option to download a zip file and install later - I
don't have IDL in front of me right now... Then you can select the
zip file to "install from local" later, or on other computers...

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [Haje Korth](#) on Thu, 20 Dec 2007 14:36:01 GMT
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..or when for some reason you are not allowed to hook up a machine to the
network.

..or when you are on travel in a hotel that charges excessive internet
access charges.

"David Fanning" <news@dfanning.com> wrote in message
news:MPG.21d420e211360ded98a1c5@news.frii.com...

> Haje Korth writes:

>
>> wow, this was quick to fix! I was wondering whether the update feature is
>> the only way to get the update installed? I prefer an alternative way to
>> download a file, which can be used when access to the net is not
>> available.
>> Will this be possible in the future?

>
> I'm beginning to understand why people send all their
> programming tasks to India. Who needs the hassle!?
>

> Cheers,
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> David
>
> P.S. The only time the net's not available around here
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>
> --
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> 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 7.0.1 update to improve Analyzing Code performance
Posted by [Haje Korth](#) on Thu, 20 Dec 2007 14:39:09 GMT

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"Vince Hradil" <hradilv@yahoo.com> wrote in message
news:e4cb8818-9e28-47ff-9723-7c3bc1d3edb1@e23g2000prf.google groups.com...
> On Dec 20, 7:24 am, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:
>> Bill,
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>> the only way to get the update installed? I prefer an alternative way to
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>> <bok...@ittvis.com> wrote in message
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>>> faster, with even greater speed if your files are on a network drive.
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>>> 5. Click "Next", accept the license, then "Next", then "Finish".
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>>> click on "Feature Details", you should see that the IDL Workbench
>>> feature is now version 7.0.1.
>>
>>> Bill Okubo
>>> IDL Product Manager
>
> Isn't there an option to download a zip file and install later - I
> don't have IDL in front of me right now... Then you can select the
> zip file to "install from local" later, or on other computers...

I was not able to find such feature.

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [David Fanning](#) on Thu, 20 Dec 2007 14:46:55 GMT
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Haje Korth writes:

> ..or when for some reason you are not allowed to hook up a machine to the
> network.
>

> ..or when you are on travel in a hotel that charges excessive internet
> access charges.

The last time I was without Internet access I was visiting my father in a small town in Pennsylvania. But I'd take my computer and walk over to Main Street, just a few blocks away, and I could access 5-6 different networks, all without a password. (Small town America, I guess.) Gave me exercise AND an Internet. Best of both worlds. :-)

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 7.0.1 update to improve Analyzing Code performance

Posted by [Greg Hennessy](#) on Thu, 20 Dec 2007 20:13:44 GMT

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> I'm beginning to understand why people send all their
> programming tasks to India. Who needs the hassle!?

I feel your pain. It took me two days to debug a program where I had
if a < b
instead of
if a lt b

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [Marshall Perrin](#) on Thu, 20 Dec 2007 22:08:35 GMT

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David Fanning <news@dfanning.com> wrote:

> Haje Korth writes:

>

>> ..or when for some reason you are not allowed to hook up a machine to the
>> network.

>>

>> ..or when you are on travel in a hotel that charges excessive internet
>> access charges.

>

> The last time I was without Internet access I was visiting my

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- > computer and walk over to Main Street, just a few blocks
- > away, and I could access 5-6 different networks, all without
- > a password. (Small town America, I guess.) Gave me exercise
- > AND an Internet. Best of both worlds. :-)

Clearly you haven't yet experienced the joys of government labs with overzealous computer security officers. :-/ That's more like the worst of both worlds: you end up stuck in some ugly concrete office building from the 1970s, and without any network connectivity to distract you!

- Marshall

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [bokubo](#) on Thu, 20 Dec 2007 22:42:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Dec 20, 7:39 am, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:

- >
- >> Isn't there an option to download a zip file and install later - I
- >> don't have IDL in front of me right now... Then you can select the
- >> zip file to "install from local" later, or on other computers...
- >
- > I was not able to find such feature.- Hide quoted text -
- >
- > - Show quoted text -

We want you to use the IDL Workbench update mechanism so we have not made the update available as a download file on our website. That said, if you have an extreme case where you absolutely do not have access to the internet and cannot use the update mechanism then please contact our Technical Support.

Thank you,

Bill Okubo
IDL Product Manager

Subject: Re: IDL 7.0.1 update to improve Analyzing Code performance
Posted by [Paul Van Delst\[1\]](#) on Thu, 27 Dec 2007 17:25:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

bokubo@ittvis.com wrote:

- > On Dec 20, 7:39 am, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:
- >>> Isn't there an option to download a zip file and install later - I

>>> don't have IDL in front of me right now... Then you can select the
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> We want you to use the IDL Workbench update mechanism so we have not
> made the update available as a download file on our website. That
> said, if you have an extreme case where you absolutely do not have
> access to the internet and cannot use the update mechanism then please
> contact our Technical Support.

Does working for the guvmint classify as an extreme case? Where I work, if this sort of update mechanism isn't already frowned upon -- if not disallowed (from local IT security all the way to the DHS) -- it probably soon will be once they find out.

It would be nice to have an alternative set up so as to avoid midnight visits from various and sundry federal law enforcement agencies that this sort of thing could engender.

"I just wanted to visualise my data, officer"

:o)

cheers,

paulv
