
Subject: Re: IDL 8.0.1 now available

Posted by [David Fanning](#) on Thu, 28 Oct 2010 21:43:18 GMT

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BillO writes:

- > A patch release, IDL 8.0.1, is now available. This is a planned
- > release to follow up the major changes that were introduced in IDL 8.
- > It contains over 100 bug fixes plus 5 new features:

Whoa! This must be the most anticipated release in IDL history. I've been trying for 15 minutes just to get onto the ITTVIS web page!

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 8.0.1 now available

Posted by [Paul Van Delst\[1\]](#) on Thu, 28 Oct 2010 22:03:17 GMT

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David Fanning wrote:

- > BillO writes:
- >
- >> A patch release, IDL 8.0.1, is now available. This is a planned
- >> release to follow up the major changes that were introduced in IDL 8.
- >> It contains over 100 bug fixes plus 5 new features:
- >
- > Whoa! This must be the most anticipated release in IDL
- > history. I've been trying for 15 minutes just to get onto
- > the ITTVIS web page!

I agree. Woohoo!

cheers,

paulv

p.s. It may be a smallish victory, but I've just had a very productive 0.75 days plotting all manner

of statistics using
the NG BARPLOT function. Finally a bar plot capability that I can call and have it just work. No
more writing out ASCII
files, schlepping them over to my windows laptop, importing them in Excel, plotting the data,
exporting the chart
figure, and then schlepping *that* back to my linux box for inclusion in my LaTeX docs. Yay!

p.p.s. And the extra nice thing is that I can now return the references to any graphics created to
the main level prompt
via a keyword to fine tune the resultant plots if necessary (e.g. moving legends, changing ranges,
etc.) and then simply
invoke the Save method again. It's bloody luxurious.

Subject: Re: IDL 8.0.1 now available
Posted by [chris_torrence@NOSPAM](#) on Thu, 28 Oct 2010 22:53:06 GMT
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My favorite new features - Box axes on maps, thick < 1, and the Arrow
function:

```
m = Map('Mercator', /BOX_AXES, LABEL_POSITION=0, $
  LIMIT=[-60,0,60,360], FILL_COLOR='light blue', $
  THICK=0.5, DIMENSIONS=[800,400])
m1 = MapContinents(FILL_COLOR='green', THICK=0.5)

a = Arrow([230,255],[0,40], /DATA, HEAD_SIZE=0.5)
a = Arrow([190,203],[-20,19], /DATA, HEAD_SIZE=0.5)

t = Text(230,-10,'Boulder', /DATA, ALIGNMENT=0.5)
t = Text(190,-28,'Hawaii', /DATA, ALIGNMENT=0.7)

m.Save, 'map801.pdf'
```

-Chris
p.s. you'll need to open up the PDF to see the thin lines.
ITTVIS

Subject: Re: IDL 8.0.1 now available
Posted by [David Fanning](#) on Thu, 28 Oct 2010 23:04:12 GMT
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Chris Torrence writes:

> My favorite new features - Box axes on maps, thick < 1, and the Arrow
> function:

```
>  
> m = Map('Mercator', /BOX_AXES, LABEL_POSITION=0, $  
>   LIMIT=[-60,0,60,360], FILL_COLOR='light blue', $  
>   THICK=0.5, DIMENSIONS=[800,400])  
> m1 = MapContinents(FILL_COLOR='green', THICK=0.5)  
>  
> a = Arrow([230,255],[0,40], /DATA, HEAD_SIZE=0.5)  
> a = Arrow([190,203],[-20,19], /DATA, HEAD_SIZE=0.5)  
>  
> t = Text(230,-10,'Boulder', /DATA, ALIGNMENT=0.5)  
> t = Text(190,-28,'Hawaii', /DATA, ALIGNMENT=0.7)
```

Chris,

These look great, but I notice some strange behavior. When I move my cursor in the vertical grid where the letters "Boulder" are, for example, the "position" in the lower-right corner of the window is only periodically in map coordinates. Most of the time it is in pixel coordinates. Is there a reason for this? While I'm inside the map, shouldn't I always get map coordinates?

It looks to me like if I get "close" to a line I get map coordinates. Is this intentional? Does this mean I need to wrap all my maps in a very fine-mesh grid to get map locations?

Horizontal lines appear to react differently than vertical lines. Strange.

Cheers,

David

--

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

Subject: Re: IDL 8.0.1 now available

Posted by [David Fanning](#) on Thu, 28 Oct 2010 23:09:31 GMT

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BillO writes:

> For more information about the fixes and the new features, please

> refer to the release notes for IDL 8.0.1.

Has anyone been able to find the release notes? I'm on the ITTVIS web page looking now, but nada. :-(

Cheers,

David

--

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

Subject: Re: IDL 8.0.1 now available

Posted by [Mark Piper](#) on Thu, 28 Oct 2010 23:24:06 GMT

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On Oct 28, 4:03 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:

> p.p.s. And the extra nice thing is that I can now return the references to any graphics created to the main level prompt
> via a keyword to fine tune the resultant plots if necessary (e.g. moving legends, changing ranges, etc.) and then simply
> invoke the Save method again. It's bloody luxurious.

This is a little sloppy, but with GETWINDOWS you may even be able to get away without returning NG references:

```
IDL> .comp
- pro foo
- p = plot(/test)
- end
% Compiled module: FOO.
IDL> foo
IDL> help, p ; no reference
P      UNDEFINED = <Undefined>
IDL> w = getwindows()
IDL> help, w
W      OBJREF   = Array[1]
IDL> p = (w[0])['plot'] ; extract plot from window
IDL> p.color = 'red' ; yay!
```

With only one window, this example is a bit simplistic.

mp

Subject: Re: IDL 8.0.1 now available

Posted by [penteado](#) on Thu, 28 Oct 2010 23:34:19 GMT

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On Oct 28, 9:09 pm, David Fanning <n...@dfanning.com> wrote:

> BillO writes:

>> For more information about the fixes and the new features, please

>> refer to the release notes for IDL 8.0.1.

>

> Has anyone been able to find the release notes? I'm on

> the ITTVIS web page looking now, but nada. :-(

In the same place as the download links:

Downloadable Files Size Product Type

IDL 8.0 - Linux x86/x86_64 32/64-bit 390 IDL Product Download

IDL 8.0 - Installation Instructions 1 IDL Instructions

IDL 8.0 - Release Notes 1 IDL Release Notes

IDL 8.0.1 Patch - Linux x86/x86_64 32/64-bit 40 IDL Product Update

IDL 8.0.1 Patch - Installation Instructions 1 IDL Instructions

IDL 8.0.1 Patch - Release Notes 1 IDL Release Notes

Subject: Re: IDL 8.0.1 now available

Posted by [David Fanning](#) on Thu, 28 Oct 2010 23:46:11 GMT

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Paulo Penteado writes:

> In the same place as the download links:

>

> Downloadable Files Size Product Type

> IDL 8.0 - Linux x86/x86_64 32/64-bit 390 IDL Product Download

> IDL 8.0 - Installation Instructions 1 IDL Instructions

> IDL 8.0 - Release Notes 1 IDL Release Notes

> IDL 8.0.1 Patch - Linux x86/x86_64 32/64-bit 40 IDL Product Update

> IDL 8.0.1 Patch - Installation Instructions 1 IDL Instructions

> IDL 8.0.1 Patch - Release Notes 1 IDL Release Notes

Yeah, nothing like that with the Windows downloads.

Guess I'll go upgrade my LINUX machine. Thanks!

David

--

David Fanning, Ph.D.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL 8.0.1 now available
Posted by [penteado](#) on Thu, 28 Oct 2010 23:54:31 GMT
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On Oct 28, 9:46 pm, David Fanning <n...@dfanning.com> wrote:

> Paulo Penteado writes:
>> In the same place as the download links:
>
>> Downloadable Files Size Product Type
>> IDL 8.0 - Linux x86/x86_64 32/64-bit 390 IDL Product Download
>> IDL 8.0 - Installation Instructions 1 IDL Instructions
>> IDL 8.0 - Release Notes 1 IDL Release Notes
>> IDL 8.0.1 Patch - Linux x86/x86_64 32/64-bit 40 IDL Product Update
>> IDL 8.0.1 Patch - Installation Instructions 1 IDL Instructions
>> IDL 8.0.1 Patch - Release Notes 1 IDL Release Notes
>
> Yeah, nothing like that with the Windows downloads.
> Guess I'll go upgrade my LINUX machine. Thanks!

Odd. I see

Downloadable Files Size Product Type
IDL 8.0 - Microsoft Windows (XP SP2, Vista, 7) 32-bit 312 IDL
Product Download
IDL 8.0 - Installation Instructions 1 IDL Instructions
IDL 8.0 - Release Notes 1 IDL Release Notes
IDL 8.0.1 Patch - Microsoft Windows (XP SP2, Vista, 7) 32-bit 11 IDL
Product Update
IDL 8.0.1 Patch - Microsoft Windows (XP SP2, Vista, 7) 64-bit 20 IDL
Product Update
IDL 8.0.1 Patch - Installation Instructions 1 IDL Instructions
IDL 8.0.1 Patch - Release Notes 1 IDL Release Notes

Subject: Re: IDL 8.0.1 now available
Posted by [David Fanning](#) on Thu, 28 Oct 2010 23:54:32 GMT
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Paulo Penteado writes:

- > In the same place as the download links:
- >
- > Downloadable Files Size Product Type
- > IDL 8.0 - Linux x86/x86_64 32/64-bit 390 IDL Product Download
- > IDL 8.0 - Installation Instructions 1 IDL Instructions
- > IDL 8.0 - Release Notes 1 IDL Release Notes
- > IDL 8.0.1 Patch - Linux x86/x86_64 32/64-bit 40 IDL Product Update
- > IDL 8.0.1 Patch - Installation Instructions 1 IDL Instructions
- > IDL 8.0.1 Patch - Release Notes 1 IDL Release Notes

Alright, I'm now sitting on the page where I can download the IDL LINUX Product Update and all I see is the patch. I don't see ANY Release Notes at all!!

This is confounding. I'm using Firefox as a browser. Any ideas? Totally confused here. :-(

Thanks,

David

--

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Subject: Re: IDL 8.0.1 now available
Posted by [David Fanning](#) on Fri, 29 Oct 2010 00:08:28 GMT
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David Fanning writes:

- > Alright, I'm now sitting on the page where I can download
- > the IDL LINUX Product Update and all I see is the patch.
- > I don't see ANY Release Notes at all!!
- >
- > This is confounding. I'm using Firefox as a browser.
- > Any ideas? Totally confused here. :-(

Alright, f**k it! Can someone just please e-mail the damn release notes to me.

Thanks,

David

P.S. You see what happens when you report nearly 100 bugs on a product. You get directed to special VIP web pages. :-(

--

David Fanning, Ph.D.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL 8.0.1 now available
Posted by [bokubo](#) on Fri, 29 Oct 2010 16:30:34 GMT
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On Oct 28, 6:08 pm, David Fanning <n...@dfanning.com> wrote:

> David Fanning writes:
>> Alright, I'm now sitting on the page where I can download
>> the IDL LINUX Product Update and all I see is the patch.
>> I don't see ANY Release Notes at all!!
>
>> This is confounding. I'm using Firefox as a browser.
>> Any ideas? Totally confused here. :-(
>
> Alright, f**k it! Can someone just please e-mail the damn
> release notes to me.
>
> Thanks,
>
> David
>
> P.S. You see what happens when you report nearly 100 bugs
> on a product. You get directed to special VIP web
> pages. :-(
>
> --
> 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.")

David,

The download site has ugly glitches that need to be worked on. However, the release notes are there and the trick is you have to follow my 3 step directions EXACTLY. If you do, you see the links described by Paulo. The problem you are seeing happens when you select the Download Type > Product Update pull down menu - it only shows the download link. Instead, be sure to only select the Product > IDL menu. Leave the other pull down menus with their default setting. Worst case, logout then login and try the 3 steps again.

I apologize to everyone who is frustrated with the quirks on the ITTVIS download sit. I personally am involved in efforts to start improving the download experience. I won't promise perfection and it will take some time to see improvements, but we will make it better. Thanks for your patience.

Bill

Subject: Re: IDL 8.0.1 now available
Posted by [David Fanning](#) on Fri, 29 Oct 2010 16:42:21 GMT
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BillO writes:

> I apologize to everyone who is frustrated with the quirks on the
> ITTVIS download sit. I personally am involved in efforts to start
> improving the download experience. I won't promise perfection and it
> will take some time to see improvements, but we will make it better.

Best news I've heard in a LONG time. Ranks second all-time next to the number of bugs fixed. :-)

Cheers,

David

--

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