Subject: Re: IDL 8.2.2 released
Posted by David Fanning on Tue, 05 Feb 2013 17:52:03 GMT

Mark Piper writes:

> I'm happy to announce that IDL 8.2.2 is available for download from our website,
www.exelisvis.com. I have a short write-up of what's new on the IDL blog:
>
>   http://idldatapoint.com/2013/02/05/idl-8-2-2-released/
>
> including a link to download a set of example programs.

Unfortunately, I don't see it on the website, Mark. Everything on the
download page is listed as being IDL 8.2.1. :-(

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL 8.2.2 released
Posted by Fabzi on Tue, 05 Feb 2013 18:03:51 GMT

Hi Mark,

Additionally to the new features, I would like to know if there is a
list of bugfixes for each version of IDL? Where is it?

Thanks,

Fabien

On 02/05/2013 06:52 PM, David Fanning wrote:
> Mark Piper writes:
>
>> I'm happy to announce that IDL 8.2.2 is available for download from our website,
www.exelisvis.com. I have a short write-up of what's new on the IDL blog:
>>

>>   http://idldatapoint.com/2013/02/05/idl-8-2-2-released/
>>
>> including a link to download a set of example programs.
>
> Unfortunately, I don't see it on the website, Mark. Everything on the
> download page is listed as being IDL 8.2.1. :-(
>
> Cheers,
>
> David
>
>
>

On 2/5/13 10:52 AM, David Fanning wrote:
> Unfortunately, I don't see it on the website, Mark. Everything on the
> download page is listed as being IDL 8.2.1. :-(

It didn't appear earlier, but has just shown up for me in the last 5
minutes.

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

Could you please let me know if the following code still crashes IDL ?

Thank you in advance,
nata

```
PRO CRASH_IDL, file

  file = FILEPATH('IDLPoweredBy.jpg', $
```

```
   SUBDIRECTORY = ['examples', 'mjpeg2000'])

 image=READ_IMAGE(file)
 sz=SIZE(image,/DIM)

 base=WIDGET_BASE(/COLUMN,TITLE=title, TLB_FRAME_ATTR=15)

  draw=WIDGET_DRAW(base,XSIZE=sz[1],YSIZE=sz[2],GRAPHICS_LEVEL
 =2,RETAIN=0,RENDERER=1)


  oview=OBJ_NEW('IDLgrView',VIEWPLANE_RECT=[0,0,sz[1],sz[2]],L
 OCATION=[0,0],DIMENSIONS=[sz[1],sz[2]])
 omodel1=OBJ_NEW('IDLgrModel')
 omodel2=OBJ_NEW('IDLgrModel')
 oview->Add, omodel1
 oview->Add, omodel2


  oimage=OBJ_NEW('IDLgrImage',DIMENSIONS=[sz[1],sz[2]],LOCATIO N=[0,0],DATA=image)
 omodel1->Add, oimage, /ALIAS
 omodel2->Add, oimage, /ALIAS

 WIDGET_CONTROL, base, /REALIZE

 WIDGET_CONTROL, draw, GET_VALUE=owind
 owind->SetProperty, QUALITY=2
 owind->Draw, oview
 WAIT, 1

  oclipboard=OBJ_NEW('IDLgrClipboard',DIMENSIONS=[sz[1],sz[2]] )
 oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='./test1.ps'

 ;; Change view viewport
 viewplane=[sz[1]/4.,sz[2]/6,sz[1]*2/3.,sz[2]*2/3.]
 oview->SetProperty, VIEWPLANE_RECT=viewplane

 owind->Draw, oview
 WAIT, 1

 oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='test2.ps'

 OBJ_DESTROY, [oclipboard,owind,omodel1,omodel2,oimage,oview]
 WIDGET_CONTROL, base, /DESTROY

END
```

On 2/5/13 12:02 PM, nata wrote:
> PRO CRASH_IDL, file
>
>   file = FILEPATH('IDLPoweredBy.jpg', $
>   SUBDIRECTORY = ['examples', 'mjpeg2000'])
>
>   image=READ_IMAGE(file)
>   sz=SIZE(image,/DIM)
>
>   base=WIDGET_BASE(/COLUMN,TITLE=title, TLB_FRAME_ATTR=15)
>
>   draw=WIDGET_DRAW(base,XSIZE=sz[1],YSIZE=sz[2],GRAPHICS_LEVEL
=2,RETAIN=0,RENDERER=1)
>
>
>   oview=OBJ_NEW('IDLgrView',VIEWPLANE_RECT=[0,0,sz[1],sz[2]],L
OCATION=[0,0],DIMENSIONS=[sz[1],sz[2]])
>   omodel1=OBJ_NEW('IDLgrModel')
>   omodel2=OBJ_NEW('IDLgrModel')
>   oview->Add, omodel1
>   oview->Add, omodel2
>
>
>   oimage=OBJ_NEW('IDLgrImage',DIMENSIONS=[sz[1],sz[2]],LOCATIO
N=[0,0],DATA=image)
>   omodel1->Add, oimage, /ALIAS
>   omodel2->Add, oimage, /ALIAS
>
>   WIDGET_CONTROL, base, /REALIZE
>
>   WIDGET_CONTROL, draw, GET_VALUE=owind
>   owind->SetProperty, QUALITY=2
>   owind->Draw, oview
>   WAIT, 1
>
>   oclipboard=OBJ_NEW('IDLgrClipboard',DIMENSIONS=[sz[1],sz[2]])
>   oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='./test1.ps'
>
>   ;; Change view viewport
>   viewplane=[sz[1]/4.,sz[2]/6,sz[1]*2/3.,sz[2]*2/3.]
>   oview->SetProperty, VIEWPLANE_RECT=viewplane
>
>   owind->Draw, oview
>   WAIT, 1
>

>   oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='test2.ps'
>
>   OBJ_DESTROY, [oclipboard,owind,omodel1,omodel2,oimage,oview]
>   WIDGET_CONTROL, base, /DESTROY
>
> END

Yep.

IDL> crash_idl
% Compiled module: CRASH_IDL.
% Loaded DLM: JPEG.
idl(49340,0x7fff73515180) malloc: *** error for object 0x101cb6e00:
pointer being freed was not allocated
*** set a breakpoint in malloc_error_break to debug
Abort trap: 6

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

Subject: Re: IDL 8.2.2 released
Posted by natha on Tue, 05 Feb 2013 19:24:08 GMT
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I sent this bug report one year ago :S
Thank you Michael,
nata

Subject: Re: IDL 8.2.2 released
Posted by David Fanning on Tue, 05 Feb 2013 19:29:54 GMT
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nata writes:

> I sent this bug report one year ago :S

This is a problem of managed expectations, is all. ;-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL 8.2.2 released
Posted by Mark Piper on Wed, 06 Feb 2013 16:19:03 GMT
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On Tuesday, February 5, 2013 11:03:51 AM UTC-7, Fab wrote:

> Additionally to the new features, I would like to know if there is a
> list of bugfixes for each version of IDL? Where is it?

Hi Fab,

We don't share our list of bugfixes. I think this is a fairly standard practice for closed-source software. However, if you've reported a bug, you'll be notified when it's fixed. Also, if you have the CR number for a particular bug, I'd be happy to check on its status for you.

mp

Subject: Re: IDL 8.2.2 released
Posted by Mark Piper on Wed, 06 Feb 2013 16:56:52 GMT
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On Tuesday, February 5, 2013 12:24:08 PM UTC-7, nata wrote:
> I sent this bug report one year ago :S
>
> Thank you Michael,
>
> nata

Hi nata,

This CR (aliasing an atom to more than one model) is still open, though it had previously been scoped for IDL 8.3. Just FYI, you're the only person listed on this CR.

mp

> Also, if you have the CR number for a particular bug, I'd be happy to check on its status for you.
>
>
>
> mp

Hi Mark,

I would like to take you up on your offer. CRS 67311
Its about the very slow restore times of large arrays from .sav files. We are using IDL in an emergency warning system where every second counts.

Thanks,
Tim