
Subject: Re: Catalyst on Macs?

Posted by [bill.dman](#) on Tue, 06 Jan 2009 15:36:04 GMT

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On Jan 6, 10:09 am, David Fanning <n...@dfanning.com> wrote:

> Folks,
>
> Any Mac users downloading the Catalyst Library? I've had
> a report today that the sample program, Catalyst, is
> failing to open the DICOM file supplied with IDL.
> Could someone with a Mac and the Coyote Library installed
> run these commands for me and report the results, please.
> I am interested in IDL 7.0.4, if possible.
>
> IDL> knee = LoadData(24)
> IDL> TVImage, knee

Hi David,

IDL Version 7.0.4, Mac OS X (darwin x86_64 m64). (c) 2008, ITT Visual
Information Solutions

```
IDL> knee=LoadData(24)
```

```
IDL> help, knee
```

```
KNEE      LONG      =      0
```

IDL Version 7.0.4, Mac OS X (darwin i386 m32). (c) 2008, ITT Visual
Information Solutions

```
IDL> knee=LoadData(24)
```

```
IDL> help, knee
```

```
KNEE      INT       = Array[256, 256]
```

With 7.0.4, the default memory model switched to 64 bits on the Mac.

Unfortunately,

the IDLffDICOM object is not available in 64-bit mode. Your demo works
ok in 32-bit

mode (start with idl -32). The quickest fix might be to use the
GDLffDICOM object

(<http://barnett.id.au/idl/Projects.html>) all the time. I may try to
wrap GDLffDICOM

in a DLM so I can use IDLffDICOM in 32-bit mode and have the same code
still work (although a bit
slower, perhaps) in 64-bit mode.

Hope this helps,

Bill Dieckmann

Subject: Re: Catalyst on Macs?

bill.dman@gmail.com writes:

```
> On Jan 6, 10:09=A0am, David Fanning <n...@dfanning.com> wrote:
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>> I am interested in IDL 7.0.4, if possible.
>>
>> =A0 =A0IDL> knee =3D LoadData(24)
>> =A0 =A0IDL> TVImage, knee
>
> Hi David,
>
> IDL Version 7.0.4, Mac OS X (darwin x86_64 m64). (c) 2008, ITT Visual
> Information Solutions
> IDL> knee=3DLoadData(24)
> IDL> help, knee
> KNEE          LONG    =3D      0
>
> IDL Version 7.0.4, Mac OS X (darwin i386 m32). (c) 2008, ITT Visual
> Information Solutions
> IDL> knee=3DLoadData(24)
> IDL> help, knee
> KNEE          INT     =3D Array[256, 256]
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> slower, perhaps) in 64-bit mode.
> Hope this helps,
```

Ah, thanks so much. I'll have to fix this later. Late for work. :-)

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: Catalyst on Macs?

Posted by [David Fanning](#) on Tue, 06 Jan 2009 16:39:35 GMT

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David Fanning writes:

> Ah, thanks so much. I'll have to fix this later. Late for work. :-)

OK, fixed now. I substitute a JPEG image for the DICOM image
on all 64-bit operating systems.

<http://www.dfanning.com/catalyst/catalyst.pro>

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.")
