
Subject: IMDISP Update

Posted by [Liam Gumley](#) on Wed, 22 Dec 1999 08:00:00 GMT

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An updated version of my IMDISP image display procedure is available at

<http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

IMDISP is a replacement for the TV and TVSCL image display procedures. In the latest version, decomposed color handling, PRINTER output, and code readability are all improved. Please let me know if you have any comments.

Cheers,
Liam.

--

Liam E. Gumley

Space Science and Engineering Center, UW-Madison

<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: IMDISP update

Posted by [Liam E. Gumley](#) on Mon, 17 Apr 2000 07:00:00 GMT

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Liam E. Gumley <Liam.Gumley@ssec.wisc.edu> wrote in message
news:38FB3DD3.89972F8B@ssec.wisc.edu...

> IMDISP is an advanced replacement for TV and TVSCL. Version 1.36 is now
> available at
> <http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

Discerning readers of the IMDISP code will have noticed that the CHANNEL keyword is only appropriate when the current graphics device supports 24-bit decomposed color, which is only possible on the WIN, MAC, and X devices. IMDISP version 1.36 incorrectly implied that the CHANNEL keyword was supported on other graphics devices (PRINTER, CGM, PCL).

IMDISP version 1.37 quietly ignores the CHANNEL keyword unless a 24-bit decomposed color graphics device is selected. You may obtain IMDISP version 1.37 at
<http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

Cheers,
Liam.
<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: IMDISP update
Posted by [Jason Li](#) on Tue, 01 Aug 2000 07:00:00 GMT
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in article 39871156.5881D591@ssec.wisc.edu, Liam E.Gumley at
Liam.Gumley@ssec.wisc.edu wrote on 8/1/00 2:05 PM:

> I have yet to make a red cent from IMDISP, however donations of beer are
> always accepted.

Before IMDISP, I spent a lot of time fiddling with IDL in order to display images correctly on UNIX, MAC, WIN and PostScript devices. After IMDISP, I can concentrate on art of visual presentation and science. There are maybe other comparable IDL routines out there, but IMDISP is the only program I know which displays images in a very consistent and predictable manner across all four output devices. The latest update is a very welcomed one since now I will be able to add time axis HH:MM:SS with ease.

If you come to Maryland again, beer is on me.

Jason Li

Subject: Re: IMDISP update
Posted by [Liam E. Gumley](#) on Tue, 01 Aug 2000 07:00:00 GMT
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David Fanning wrote:

>
> Liam E.Gumley (Liam.Gumley@ssec.wisc.edu) writes:
>
>> I've made a few changes to IMDISP which are worthy of public release
>> (IMDISP is an advanced replacement for the built-in TV and TVSCL image
>> display procedures):
>
> Let's see, talk of money has gotten Liam going again.
> Or did RSI call you this morning, Liam? :-)

No, I was just getting tired of overlaying axes on images manually, as I often need to do for MODIS data from the Terra spacecraft (BTW if anyone needs an IDL reader for MODIS Level-1B data, let me know: I can let you have one cheap).

I have yet to make a red cent from IMDISP, however donations of beer are always accepted. If anything, the main benefit of writing IMDISP was getting image display in IDL sorted out in my head.

Cheers,
Liam
<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: IMDISP update
Posted by [promashkin](#) on Tue, 01 Aug 2000 07:00:00 GMT
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David Fanning wrote:

- > I'll be updating my TVIMAGE program this afternoon,
- > so that if you click the middle mouse button inside
- > the image, the image will dissolve and you will see
- > a scantily clad IDL programmer dancing with glee
- > after writing an IDL object program.

I have done a similar thing. In a widget program, once the final data were produced, if a user did something inappropriate, I had all data points rain randomly down and pile up on the X axis. With object graphics this was a snap :-)

Cheers,
Pavel

Subject: Re: IMDISP update
Posted by [Liam E. Gumley](#) on Tue, 01 Aug 2000 07:00:00 GMT
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"Liam E.Gumley" wrote:

- > I've made a few changes to IMDISP which are worthy of public release
- > (IMDISP is an advanced replacement for the built-in TV and TVSCL image
- > display procedures):

As usually happens when I release something, I found a bug 10 minutes later. I forgot to add axis overlay capability when the PostScript or Printer devices are selected. This problem is now fixed, and version 1.43 is now available at
<http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

Cheers,
Liam.
<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: IMDISP update
Posted by [davidf](#) on Tue, 01 Aug 2000 07:00:00 GMT
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Liam E.Gumley (Liam.Gumley@ssec.wisc.edu) writes:

> I've made a few changes to IMDISP which are worthy of public release
> (IMDISP is an advanced replacement for the built-in TV and TVSCL image
> display procedures):

Let's see, talk of money has gotten Liam going again.
Or did RSI call you this morning, Liam? :-)

I'll be updating my TVIMAGE program this afternoon,
so that if you click the middle mouse button inside
the image, the image will dissolve and you will see
a scantily clad IDL programmer dancing with glee
after writing an IDL object program.

By the way, I failed to mention Craig Markwardt's
comparable program PLOTIMAGE the other day when I
was trying to point out how valuable these image
display programs are. Sorry.

Cheers,

David

P.S. Let's just say I've got to do *something* to
get back into this horse race. :-(

--

David Fanning, Ph.D.
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Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: IMDISP update
Posted by [Paul van Delst](#) on Wed, 02 Aug 2000 07:00:00 GMT
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"Liam E. Gumley" wrote:

>
> Jason Li wrote:
>>
>> in article 39871156.5881D591@ssec.wisc.edu, Liam E.Gumley at

>> Liam.Gumley@ssec.wisc.edu wrote on 8/1/00 2:05 PM:
>>
>>> I have yet to make a red cent from IMDISP, however donations of beer are
>>> always accepted.
>>
>> If you come to Maryland again, beer is on me.
>
> You're on.
>
> 1225 W. Dayton St., Madison WI 53706, USA for any shipped contributions
> ;-)

Bloody 'ell, you should be shipping the stuff *out* of Wisconsin. It's
shure hard to get good beer in DC unless you hop in your car. 'tho I did
find a pub the other day that has Newcastle...ON TAP!

As a way to assuage all the blood, sweat, and tears invested in IMDISP,
I'll have a beer or two on your behalf 2nite. :o)

paulv

--
Paul van Delst Ph: (301) 763-8000 x7274
CIMSS @ NOAA/NCEP Fax: (301) 763-8545
Rm.202, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
Camp Springs MD 20746

Subject: Re: IMDISP update
Posted by [Liam E. Gumley](#) on Wed, 02 Aug 2000 07:00:00 GMT
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"Liam E.Gumley" wrote:
> I've made a few changes to IMDISP which are worthy of public release
> (IMDISP is an advanced replacement for the built-in TV and TVSCL image
> display procedures):

This morning I discovered the axis range endpoints were not defined
correctly when the AXIS keyword was used. For example, try this with the
old version (1.43):

```
imdisp, (dist(8))[1:7, 1:7], /axis
```

You'll notice the major tickmarks don't line up with the image cells. A
new version (1.44) which fixes this problem is now available at
<http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

A new example image has been added at the top of the web page, along

with the corresponding code to create it.

Cheers,

Liam.

<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: IMDISP update

Posted by [Liam E. Gumley](#) on Wed, 02 Aug 2000 07:00:00 GMT

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Jason Li wrote:

>
> in article 39871156.5881D591@ssec.wisc.edu, Liam E.Gumley at
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> other comparable IDL routines out there, but IMDISP is the only program I
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> across all four output devices. The latest update is a very welcomed one
> since now I will be able to add time axis HH:MM:SS with ease.
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> If you come to Maryland again, beer is on me.

You're on.

1225 W. Dayton St., Madison WI 53706, USA for any shipped contributions
;-)

Cheers,

Liam.

Subject: Re: IMDISP update

Posted by [promashkin](#) on Thu, 03 Aug 2000 07:00:00 GMT

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"Liam E. Gumley" wrote:

> This morning I discovered the axis range endpoints were not defined
> correctly when the AXIS keyword was used. For example, try this with the
> old version (1.43):

While admiring the programming knowledge that Liam demonstrates here, I am afraid that I am noticing some lack of political wisdom. All those beer offers will vanish in a blink of an eye if you keep admitting to bugs every day! Why not follow the wise RSI path: don't tell 'em the bugs are fixed. Keep silent. Then, all of a sudden release V. 2.beta! Besides the amazement, a lot of maintenance beers may be collected in the meantime from those whos axis range endpoints were not defined correctly :-)

Cheers,
Pavel

Subject: Re: IMDISP update
Posted by [Nick Bower](#) on Fri, 04 Aug 2000 07:00:00 GMT
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nothing important - just wanted to see how many australians we could get in this thread mentioning beer. oops - there's the word again.

nick

Subject: Re: SEC : U Re: IMDISP update
Posted by [davidf](#) on Thu, 17 Aug 2000 07:00:00 GMT
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Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:

> Did I hear someone say Beer???

It must be a pretty warm winter to have the Aussies thinking beer already. :-)

I may have already mentioned this (I've already pointed out I'm getting old), but I was up in Missoula, Montana lately and I sampled a local brew named Moose Drool. It was VERY good. On par with some of the Aussie beer, I thought. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Subject: SEC : U Re: IMDISP update
Posted by [Andrew Cool](#) on Fri, 18 Aug 2000 02:10:39 GMT
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Nick Bower wrote:

>
> nothing important - just wanted to see how many australians we could get in this
> thread mentioning beer. oops - there's the word again.
>
> nick

Did I hear someone say Beer???

Andrew

Andrew D. Cool .->-.
Electromagnetics & Propagation Group `-<-'
Surveillance Systems Division Transmitted on
Defence Science & Technology Organisation 100% recycled
PO Box 1500, Salisbury electrons
South Australia 5108

Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
Email : andrew.cool@dsto.defence.gov.au

Subject: Re: SEC : U Re: IMDISP update
Posted by [John D. Sample](#) on Fri, 18 Aug 2000 07:00:00 GMT
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In San Diego try Ballast Point Special. Something like Newcastle but with the texture of Guinness. I knew there was a good use for all that nitrogen we have drifting around!

As for Oz, the only brand I can remember (and I can only remember about the first 20 minutes of my three days in Perth) was Swan lager. I can't remember if it was all that good or not. Seems we were more into quantity than quality in those days.

Chip

In article <MPG.14064fe286e75abf989bde@news.frii.com>, davidf@dfanning.com (David Fanning) wrote:

> Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:
>
>> Did I hear someone say Beer???
>
> It must be a pretty warm winter to have the Aussies thinking
> beer already. :-)
>
> I may have already mentioned this (I've already pointed out
> I'm getting old), but I was up in Missoula, Montana lately
> and I sampled a local brew named Moose Drool. It was VERY
> good. On par with some of the Aussie beer, I thought. :-)
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
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Subject: Re: SEC : U Re: IMDISP update
Posted by [Paul van Delst](#) on Fri, 18 Aug 2000 07:00:00 GMT
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David Fanning wrote:

>
> Paul van Delst (pvandelst@ncep.noaa.gov) writes:
>
>> p.s. Apologies for the off-topic nostalgia trip. Sigh.
>
> I for one am getting pretty damn tired of all the off topic
> posts in this newsgroup. I think anyone doing it again should
> be banned for a one month period and forced to find amusement
> and enlightenment somewhere else.

I agree! It's starting to get really annoying.

BTW, last weekend at Shenandoah State park I noticed that the.....oops.

Sorry.

I guess it's just comp.lang.fortran for the next month for me (plenty of enlightenment...not *too* much amusement)

paulv

--

Paul van Delst Ph: (301) 763-8000 x7274
CIMSS @ NOAA/NCEP Fax: (301) 763-8545
Rm.202, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
Camp Springs MD 20746

Subject: Re: SEC : U Re: IMDISP update
Posted by [promashkin](#) on Fri, 18 Aug 2000 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst wrote:

> p.s. Apologies for the off-topic nostalgia trip. Sigh.

Off-topic!? What could be better related to IDL programming that looking for ways to make us more productive and creative?

Cheers,
Pavel

Subject: Re: SEC : U Re: IMDISP update
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[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst (pvandelst@ncep.noaa.gov) writes:

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I for one am getting pretty damn tired of all the off topic posts in this newsgroup. I think anyone doing it again should be banned for a one month period and forced to find amusement and enlightenment somewhere else.

Yours For On-Topic Posting,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: SEC : U Re: IMDISP update
Posted by [Paul van Delst](#) on Fri, 18 Aug 2000 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

>
> Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:
>
>> Did I hear someone say Beer???

I had some SA beer at an Outback steakhouse once...blech. Mind you the waiter there didn't believe me when I told him the thing hanging on the wall was a didgereedoo so for all I know, they stored the beer in the sun for a cuppla months before serving..... :o)

>
> It must be a pretty warm winter to have the Aussies thinking
> beer already. :-)

Wot's the outside temperature got to do with it??

> I may have already mentioned this (I've already pointed out
> I'm getting old), but I was up in Missoula, Montana lately
> and I sampled a local brew named Moose Drool. It was VERY
> good. On par with some of the Aussie beer, I thought. :-)

Depends on what Oz beers you use for comparison. Unfortunately most of the stuff exported from Oz, or at least what is easily available, (e.g. Fosters....<shudder>) tastes like what is referred to in Wisconsin as..... well, seeing as I'm in polite company I won't elaborate, but it wasn't kind.

Before I left Oz, the beer of choice (tastes o.k. and is cheap) was Toohey's Red although I'm sure the beer market there has been yuppified. The Matilda Bay brewery in WA used to make good beer - maybe they still do (one hopes). I also have fond memories of rocking up to shows with a slab of Castlemaine XXXX on me shoulder - one of the beers that you can be sure no-one else will nick from the bathtub.

If in doubt, sucking down a cuppla bots of Newcastle Brown ale whilst writing your OO IDL code in front of the telly will cure what ails ya.

:o)

paulv

p.s. Apologies for the off-topic nostalgia trip. Sigh.

--

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