
Subject: Re: IDL 8 image function

Posted by [sh](#) on Wed, 02 Feb 2011 15:30:44 GMT

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On Feb 2, 2:31 pm, sh <sebastian.h...@gmail.com> wrote:

> On Feb 2, 12:44 pm, sh <sebastian.h...@gmail.com> wrote:

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>> On Feb 2, 11:44 am, David Forcadell <david...@gmail.com> wrote:

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>>> On Feb 2, 11:02 am, sh <sebastian.h...@gmail.com> wrote:

>

>>>> Hi,

>

>>>> Is there any option/keyword to turn of the scaling between 0-255? I

>>>> have already scaled by values e.g. between 0 and 100 because I only

>>>> want to use this colors in the colortable, and not all of them!

>>>> Thanks!

>

>>>> Sebastian

>

>>> I am not sure that i understand you question, but perhaps you want

>>> this :

>

>>> result=BYTSCCL(MAT_IN , TOP=100)

>

>> Yes I do it exactly like this, but image() rescales it again between 0

>> and 255. How to turn this off?

>

> Another question, is there any possiblity to set a background value

> like NaN in iimage?

>

> All NaN values are transformed to 0 after bytscl?

Ok I think I found the problem. Within idlitvisimage__define.pro in
line 1801 there is the bytscl, without the possibility to turn it off.

Would be nice to specify the top and bottom or even turn it off if the
data is already scaled.

Then the next think is the colorbar which didn't match when I update
line 1801 with top and bottom.
