## Subject: Re: bytscl Problems
Posted by dwu on Fri, 24 Jan 1997 08:00:00 GMT

The problem comes from overflow.

I think there are some elements in your slice array which are less than 395862411-(2^31-1). The overflow was made during operation.

Ding Wu

Phil Williams (williams@irc.chmcc.org) wrote:
: What's going on here:
:
: IDL> help,slice
: SLICE          LONG      = Array(64, 64)
: IDL> print,!d.n_colors
:        256
: IDL> print,max(slice)
:    395862411
: IDL> bslice = bytscl(slice)
: IDL> print,max(bslice)
:  255
: IDL> bslice = bytscl(slice,top = 100)
: IDL> print,max(bslice)
:  245
:
: Shouldn't the max of bslice now be 100?  Is this a bug in bslice?
:
: Any help would be appreciated.
:
: Thanks,
: Phil
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