
Subject: Re: How to add modified color tables to IDL 7.1
Posted by on Fri, 16 Mar 2012 16:25:03 GMT
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On Mar 15, 9:41 pm, Andrew Cool <andrew.c...@dsto.defence.gov.au> wrote:

> On Mar 16, 11:09 am, David López <david.lo...@ceaza.cl> wrote:

>

>

>

>> On Mar 15, 6:18 pm, Michael Galloy <mgal...@gmail.com> wrote:

>

>>> On 3/15/12 3:52 PM, David López wrote:

>

>>>> On Mar 15, 5:15 pm, nata<bernat.puigdomen...@gmail.com> wrote:

>>>> > Modify your palette using XPALETTE. Then, you can retrieve the RGB values with TVLCT, r, g, b, /GET and create a SAV file with these values SAVE, FILENAME='myrainbowpalette.sav', r, g, b

>

>>>> > After that, if you want to use these same colors again, you can restore the palette RESTORE, 'myrainbowpalette.sav' and set the colors using TVLCT, r, g, b

>

>>>> > Another option is to modify the palette using MODIFYCT. You can create your own color-palette-table or overwrite the existing one (even if this is not a good idea). If you create your table, you will have to specify the file LOADCT, FILE=file, or MODIFYCT, FILE=file

>

>>>> > Dale !

>>>> > nata

>

>>>> Thanks a Lot Nata...

>>>> but now I have this problem

>

>>>> % Compiled module: MODIFYCT.

>>>> % Variable is undefined: ITAB.

>>>> % Error occurred at: MODIFYCT 83 /usr/local/itt/idl71/lib/

>>>> modifyct.pro

>>>> % \$MAIN\$

>>>> % Execution halted at: \$MAIN\$

>

>>>> Thanks a lot

>

>>> Could you show the command that caused this error?

>

>>> I have several other color tables files that I access with the FILE

>>> keyword of [X]LOADCT and find this a quite nice way to store color tables.

>

>>> Mike

>>> --

```

>>> Michael Galloywww.michaelgalloy.com
>>> Modern IDL, A Guide to Learning IDL:http://modernidl.idldev.com
>>> Research Mathematician
>>> Tech-X Corporation
>
>> Thanks a Mister Galloy...
>> but do not understand why not work
>> my steps are:
>> open idl like superuser
>> sudo idlde
>> in console IDLDE
>> loadct for select color number 13 Rainbow
>> xpalette for change color..
>> modifyct...
>
>> IDL> loadct
>> % Compiled module: LOADCT.
>> % Compiled module: FILEPATH.
>> 0-    B-W LINEAR  14-    STEPS  28-    Hardcandy
>> 1-    BLUE/WHITE  15-    STERN SPECIAL  29-    Nature
>> 2-    GRN-RED-BLU-WHT  16-    Haze  30-    Ocean
>> 3-    RED TEMPERATURE  17- Blue - Pastel - R  31-    Peppermint
>> 4-    BLUE/GREEN/RED/YE  18-    Pastels  32-    Plasma
>> 5-    STD GAMMA-II  19- Hue Sat Lightness  33-    Blue-Red
>> 6-    PRISM  20- Hue Sat Lightness  34-    Rainbow
>> 7-    RED-PURPLE  21- Hue Sat Value 1  35-    Blue Waves
>> 8-    GREEN/WHITE LINEA  22- Hue Sat Value 2  36-    Volcano
>> 9-    GRN/WHT EXPONENTI  23- Purple-Red + Stri  37-    Waves
>> 10-    GREEN-PINK  24-    Beach  38-    Rainbow18
>> 11-    BLUE-RED  25-    Mac Style  39-    Rainbow + white
>> 12-    16 LEVEL  26-    Eos A  40-    Rainbow + black
>> 13-    RAINBOW  27-    Eos B
>> Enter table number: 13
>> % LOADCT: Loading table RAINBOW
>> IDL> xpalette
>> % Compiled module: XPALETTE.
>> % Compiled module: XREGISTERED.
>> % Compiled module: CW_FIELD.
>> % Compiled module: CW_BGROUPO.
>> % Compiled module: CW_RGBSLIDER.
>> % Compiled module: CW_FSLIDER.
>> % Compiled module: CW_COLORSEL.
>> % Compiled module: CT_LUMINANCE.
>> % Compiled module: COLORMAP_APPLICABLE.
>> % Compiled module: XMANAGER.
>> % Compiled module: XLOADCT.
>> IDL> modifyct
>> % Compiled module: MODIFYCT.

```

```
>> % Variable is undefined: ITAB.  
>> % Error occurred at: MODIFYCT      83 /usr/local/itt/idl71/lib/  
>> modifyct.pro  
>> %  
>> % Execution halted at: $MAIN$  
>  
>> any idea...  
>> Regards  
>  
> Yes, You have not supplied the table index parameter!  
> You must tell ModifyCT which table you want to modify...  
>  
> Try using Help, modifyct at the command line  
>  
> Andrew
```

Hi Andrew

Thanks a lot... but make a mistake!!!!

but my result was copied rainbow palette number 13 to number 41 but
both remain in grayscale.

my command was!!!

```
IDL> TVLCT, r, g, b, /Get  
IDL> ModifyCT, 13, 'Rainbow', r, g, b  
% Compiled module: MODIFYCT.  
% Compiled module: FILEPATH.  
IDL> XColors  
% Compiled module: XCOLORS.  
% Compiled module: FIND_RESOURCE_FILE.  
% Compiled module: PROGRAMROOTDIR.  
% Compiled module: STRSPLIT.  
% Compiled module: XREGISTERED.  
% Compiled module: LOADCT.  
% Compiled module: XMANAGER.  
IDL> ModifyCT, 41, 'Rainbow', r, g, b  
IDL> xloadct
```

Any Idea!!!
