Subject: Legend creation on an image
Posted by elsueniero on Fri, 02 Jun 2006 21:51:21 GMT
View Forum Message <> Reply to Message

Hello,

I am trying to create a legend similar to the ones shown here:
http://edcdaac.usgs.gov/modis/myd13a1v4.asp

I already have my two vectors, one with the limits, and the other with
the colors:

ndvi_color_map_index = [-1.0,0.0,0.028571429,0.057142857,0.085714286, $
  0.11428571,0.14285714,0.17142857,0.2, $
0.25,0.3,0.35,0.40,0.46666667,0.53333333,0.6,0.7,0.8,0.9]

ndvi_color_map_colors = [[0,0,0],[0,24,104],[254,254,254], $
 [205,193,169],[199,186,169],[182,148,111],[170,129,75],[143, 115,65], $
 [128,105,35],[148,183,19],[116,171,5],[102,162,2],[81,150,0] ,$
 [62,129,0],[24,117,3],[1,92,13],[1,71,0],[5,56,5],[0,40,3],[2,16,0]]

* note that n_elements(ndvi_color_map_index) + 1 ==
n_elements(ndvi_color_map_colors)
thats because all info bellow -1.0 should be black ([0,0,0]) and the
same with all the info above 0.9

I have both the floating point image in "NDVIfloat" and the 3-band
color image in "NDVIcolor"

Now what I need to do is to put on the lower-rigth 600x300 pixels of
the NDVIcolor image a legend the shown. (the image is 1300x1900 and I
now that those 600x300 is background)

I know that with some for's I can put the colors bins, but how can I
put text on an array from IDL?? Is that possible??

Thank you very much for your help

Juan Nastri
elsueniero >at< gmail >dot< com