
Subject: Re: Getting the current color table
Posted by [rm](#) on Mon, 12 Dec 2005 14:49:04 GMT
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Well there are two things you could do:-

1) The quick way is to modify LOADCT. Add an extra COMMON block into the code to store the table number then write a two line function to return this value.

```
function whichct()  
  
    common lastct, ct  
    return, (n_elements(ct) eq 0) ? -1: ct  
  
end
```

I'll leave it to others to dissuade you from this coarse. Though the Lord knows there are many RSI routines which could do with being written properly (MEAD, STDDEV, REFORM...)

2) The slow way is to reload the colour tables till you find a match

```
function whichct  
  
    oldquiet=!quiet  
    !quiet=1  
  
    common colors, r0, g0, b0, r1, g1, b1  
  
    if (n_elements(r0) eq 0) then return, -1  
  
    r=r1  
    g=g1  
    b=b1  
    for i=0, 40 do begin  
        loadct, i  
        if (array_equal(r,r1) and array_equal(g,g1) and  
array_equal(b,b1)) then goto, finish  
    endfor  
  
    i=-1  
  
finish:  
  
    !quiet=oldquiet
```

return, i

end
