
Subject: Passing Keyword Parameters

Posted by [konu](#) on Mon, 31 May 1999 07:00:00 GMT

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I want to write a procedure with the following prototype:

```
PRO easy_hist, file, hist_min = hist_min_val, hist_max = hist_max_val
```

Because I want hist_min_val and hist_max_val to be optional keyword parameters, I use the following in easy_hist:

```
if (keyword_set(hist_min_val) eq 0) then hist_min_val = 1  
if (keyword_set(hist_max_val) eq 0) then hist_max_val = 255
```

The procedure has a bug in the sense that, if it is called with hist_min_val = 0, keyword_set(hist_min_val) returns zero and so hist_min_val is set to its default value of 1. Clearly the user intended to set hist_min_val equal to 0.

Is there a simple way fix this bug in my procedure?

Thanks,

Kristjan Onu

PS. I am using IDL Version 5.0.3 (sunos sparc).
