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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).

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