
Subject: keyword params in HISTOGRAM

Posted by [Mark Fardal](#) on Wed, 20 Nov 1996 08:00:00 GMT

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Hi,

I'm sure this is a stupid question, but I can't figure it out.
Normally when you pass keyword parameters, you can pass something
that's undefined, right? As in this example

```
pro junk1, a, test=test
help,test,t
;junk2, a, test=test ; either one of
junk2, a, test=t ; these works
return
end
```

```
pro junk2, a, test=test
```

```
a = 3.
return
end
```

```
IDL> junk1, a
TEST      UNDEFINED = <Undefined>
T         UNDEFINED = <Undefined>
IDL>
```

However, when I try to pass HISTOGRAM a keyword parameter that's
undefined, I get an error message. The routine here is just a
wrapper function for HISTOGRAM, so I want to pass a number of
keyword parameters through to it.

```
function histomake, array, binsize=binsize, xpoints=xpoints, $
input=input, min=min, max=max, omin=omin, omax=omax, reverse=reverse
[...stuff deleted...]
```

```
n = histogram(array, binsize=binsize, min=min, max=max, $
               omin=omin, omax=omax, reverse=reverse)
```

```
[...stuff deleted...]
return
end
```

```
IDL> h = histomake(array, bins=10, xpoints=xpoints)
% HISTOGRAM: Variable is undefined: MAX.
% Execution halted at: HISTOMAKE      52
/users1/casa/fardal/comp/idl/histomake.pro
```

% \$MAIN\$

Why is the behavior different here?

Thanks,
Mark
