
Subject: Passing zero as a Parameter/ NOT KEYWORD_SET

Posted by [Grady Daub](#) on Mon, 28 Jun 1999 07:00:00 GMT

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How can I pass the number zero as a parameter, without the function/subroutine thinking that the parameter is not set?

For example:

```
;code
pro bob, in=in, out=out
if keyword_set(in) the out=in+200
end
```

;pretend sample runs

#1... I want the number 201

```
IDL>bob,in=1,out=out
```

```
IDL>print,out
```

```
201
```

#2...I want the number 200

```
IDL>bob,in=0,out=out
```

```
IDL>print,out
```

```
%PRINT:Variable is undefined: OUT.
```

```
%Execution halted at: $MAIN$
```

Also, why does:

```
IF NOT KEYWORD_SET(keyword) then do-this-stuff
```

not work?

I've had to do the following:

```
IF KEYWORD_SET(keyword) then a=a else do-this-stuff
```

("a=a" acts as some kind of dummy variable thing.)

-Grady Daub

(Remove MMER and ZOOKS to reply by e-mail.)
