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Subject: Call\_function

Posted by [Phil Williams](#) on Fri, 27 Dec 1996 08:00:00 GMT

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I have a routine that uses call\_function to execute a function of the users choice. Is there a way using the \_EXTRA keyword that I can passed named variables? I'm pretty sure of the answer, but figured I'd give it a shot anyway.

Here's an example:

```
-----  
function test, func, data, _extra = extra  
  
extraFlag = keyword_set(extra)  
  
if extraflag then result = call_function(func, data, _extra = extra) $  
else result = call_function(func, data)  
return, result  
end
```

```
-----  
IDL> foo = min(slice(index), max = max)  
IDL> print,foo,max  
73 192  
IDL> bar = test('min', slice(index), max = max)  
% MIN: Expression must be named variable in this context: <BYTE (192)>.  
% Execution halted at: TEST 5 test.pro  
% $MAIN$  
IDL> retail  
IDL> bar = test('min', slice(index))  
IDL> print,bar  
73
```

Everything works fine as long as keywords aren't used for parameter passing.

If anyone has a work around or an idea I'd appreciate it.

Thanks in advance,  
Phil

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Children's Hospital Medical Center "One man gathers what

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another man spills..."

-The Grateful Dead