
Subject: Re: Problem Compiling and Using Functions
Posted by [Paul Van Delst\[1\]](#) on Wed, 04 Jan 2006 22:48:28 GMT
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David Fanning wrote:

> someone@someplace.com writes:

>

>

>> I'm having trouble getting simple functions to work. I have the code
>> below in a single file named extract_tiles.pro. When I try and compile
>> it gives me a syntax error on the line containing
>> "extract_tiles_get_tile(fid)" in the extract_tiles procedure. If I
>> change the function to a procedure, comment out the return statement
>> and change the function call to a procedure call it works perfectly.

>>

>> It's probably a simple error, but I can't figure it out. I'm using IDL
>> 5.6 and ENVI 3.6.

>>

```
>> FUNCTION extract_tiles_get_tile, flmg
>> ENVI_FILE_QUERY, flmg, ns=ns, nl=nl
>> print, 'Samples: ', ns
>> print, 'Lines: ', nl
>> RETURN, 0
>> END
```

>>

```
>> PRO extract_tiles
>> ENVI_OPEN_FILE, 'image.dat', r_fid=fid
>> extract_tiles_get_tile(fid)
>> END
```

>

>

> Functions return a value. Try writing the function call like this:

>

> void = extract_tiles_get_tile(fid)

Man, I heard the "D'OH!" all the way over here!

:o)

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