
Subject: Re: Problem Compiling and Using Functions
Posted by [David Fanning](#) on Wed, 04 Jan 2006 22:09:43 GMT
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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)
```

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
