
Subject: @make vs command line for creating .sav files.

Posted by [savoie](#) on Thu, 21 Sep 2006 16:33:31 GMT

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All,

O.k. I've searched google but I'm not finding the answer.

First I'm wondering why and @file on the command line acts differently from typing the commands in one at a time.

The manual says "Commands and statements are executed in the order they are contained in the file, as if they had been entered at the IDL command prompt."

So, what I'm trying to accomplish is to create a .sav file from a set of files that are in paths all over my machine. I've simplified to 3 commands.

I have a .pro file fake_needs.pro that does nothing but call a routine that is in another directory in my !path and named fake_routine.pro

My startup file

```
-----  
!path = !path + ":+/home/savoie/mhs/idl_util"  
!path = expand_path( !path )  
-----
```

My file

```
pro fake_needs  
  compile_opt idl2  
  fake_routine  
end
```

My results

IDL Version 6.2 (linux x86 m32). (c) 2005, Research Systems, Inc.

Installation number: 100-646.

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```
IDL> .RESET_SESSION
```

```
IDL> .COMPILE fake_needs.pro
```

```
% Compiled module: FAKE_NEEDS.
```

```
IDL> resolve_all
```

```
% Compiled module: RESOLVE_ALL.
```

```
% Compiled module: FAKE_ROUTINE.  
% Compiled module: PATH_SEP.  
% Compiled module: UNIQ.  
IDL>
```

But if I put these three commands into a file 'fake_save.pro'

```
fake_save.pro  
-----  
.reset_session  
.compile fake_needs.pro  
resolve_all  
-----
```

and try it at the command line:

```
IDL> @fake_save.pro  
% Compiled module: FAKE_NEEDS.  
% Compiled module: RESOLVE_ALL.  
% Attempt to call undefined procedure/function: 'FAKE_ROUTINE'.  
% Error occurred at: RESOLVE_ALL_BODY 288  
  /usr/local/rsi/idl_6.2/lib/resolve_all.pro  
%          RESOLVE_ALL    347  
  /usr/local/rsi/idl_6.2/lib/resolve_all.pro  
%          $MAIN$  
% Execution halted at: $MAIN$  
IDL>
```

So what's going on experts?

I'd love some help.

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