
Subject: Re: @ Symbol
Posted by [sjt](#) on Thu, 27 Oct 1994 16:20:40 GMT
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mallozzi@ssl.msfc.nasa.gov wrote:

: Hi everyone:

: I would like to include files in my IDL code using the @ symbol, but I
: want to use variable filenames (e.g. @variable_file_name). This is not
: accepted by IDL, so I currently get around it by extending !path to include
: the appropriate directory so IDL finds the file. I have in mind a function
: like INCLUDE, variable_file_name. Has anyone written such a function or know
: of some way to include files by using a variable name?

: Thanks

: mallozzi@ssl.msfc.nasa.gov

I think there could be a problem with this as IDL compiles the routine into an internal code before executing it, so it would have to be something like the EXECUTE command. In fact maybe the following would work (albeit very slowly!)

```
openr, ilu,/get,file ; Open the file
```

```
cline=" ; make the command line a string
```

```
while (not eof(ilu)) do begin  
  readf, ilu, cline  
  iok = execute(cline)  
  if (not iok) then message, '++ ERROR in included line: '+cline  
endwhile
```

```
free_lun, ilu
```

I'm not sure that this is the best way as I just wrote it on the spur of the moment.

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```
+-----+-----+-----+  
| James Tappin,      | School of Physics & Space Research | O__ |  
| sjt@xun8.sr.bham.ac.uk | University of Birmingham      | -- V |  
| "If all else fails--read the instructions!"      |      |  
+-----+-----+-----+
```