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Subject: Re: Is System Dependent Compilation Possible?

Posted by [plugge](#) on Thu, 25 Apr 1996 07:00:00 GMT

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In article <317EE71F.31D2@raptor.lpl.arizona.edu>, Tim Patterson <tim@raptor.lpl.arizona.edu> writes:

|>I have a tool written in IDL/Fortran and C that needs to  
|>run on both Unix and VMS systems. I have a few system  
|>dependent IDL procedures that I use as wrappers for the  
|>CALL\_EXTERNALS.

|>  
|>What I would like to do is have a batch file, say  
|>compile.pro, which can be invoked with @compile.pro  
|>and will compile the correct version of wrappers  
|>depending upon the OS, e.g.

|>  
|>  
|>IF !version.os EQ 'vms' then begin  
|>

|> .run vms\_version.pro

|>  
|>ENDIF ELSE BEGIN

|>  
|> .run unix\_version.pro

|>  
|>ENDELSE

|>  
|>  
|>Unfortunately, I can't seem to come up with anything  
|>that even approaches this.

|>  
|> IF !version.os EQ 'vms' then .run vms\_version.pro

|>  
|>produces an error.

|>  
|>  
|>Anybody got any ideas?

|>  
|> Thanks

|>  
|> Tim

|>

Tim,  
the problem is that the executive commands (for example, .run etc) cannot be called from normal program code. You should make the distinction in the procedure body, for example:

```

pro wrapper
  IF !version.os EQ 'vms' then begin
    print,"wrapper: VMS version"
    (VMS code goes here)
  endif else begin
    print,"wraper: UNIX version"
    (UNIX code goes here)
  endif
end

```

best regards

Michel

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