
Subject: RE: concatenating files
Posted by [landers](#) on Wed, 19 Oct 1994 16:40:27 GMT
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In article <37jtj\$lfr@hammer.msfc.nasa.gov>, mallozzi@ssl.msfc.nasa.gov writes:

|> | darren@rockvax.rockefeller.edu writes:
|> | Does anyone know an easy way to concatenate several
|> | files (WAVE programs and functions) into one big file, so that it can
|> | all be compiled with a single ".run" command?
|>
|> I sometimes use the following for IDL on a VAX, but I guess it should work
|> on other platforms as well:
|>
|> Create a file that looks like
|> .run PRO1
|> .run PRO2

[...snip]

Here's a program I use in PV-WAVE to compile an entire directory full of stuff. This .RUNs each file, and executes COMPILE to save a *.cpr file. It's done for each *.pro file in the current directory.

It also makes a file named compileall.com that has all the compile instructions in it (so next time, you just need to run that).

For all you poor IDLers, you can probably modify it (take out the COMPILE) and use it to generate the compileall.com file.

To use it, just CD to the directory with your programs, and do:

@make.com
(assuming make.com is in the !Path)

----- make.com ----- snip here -----

```
; make.com  
; Run this by CD'ing to the directory you're compiling and then type:  
; @<whatever-path-needed>/make.com  
  
; This will generate and execute a compileall.com to .RUN & COMPILE  
; all the .pro's in the current directory.
```

```
; ***WARNING*** This will DELPROC,/All and DELFUNC,/All - deleting any  
; programs that are currently compiled.  
; Also, it makes a file named compileall.com in the current dir.
```

```
; Procedure:  
; loop thru the files, strip off the '.pro', run them, and compile them:  
; Delete all functions and procedures between each so we can get all
```

```
; the needed subroutines with the /All keyword.  
; Note that everything is .RUN'ed twice - this is to support recursion  
; in functions that are embeded in files with a different name as the  
; routine
```

```
save_quiet = !Quiet  
!Quiet = 0 ; turn on .RUN noise, so we can watch it go....
```

```
; get all the .pro files
```

```
files = FINDFILE( '*.pro', Count=count )
```

```
; build a compileall.com program to compile everything in this directory
```

```
OPENW, lun, /Get_Lun, 'compileall.com'
```

```
FOR i = 0L, count-1 DO BEGIN    $  
  file = STRMID( files(i), 0, STRLEN( files(i) ) - 4 ) &$  
  PRINTF, lun, 'DELPROC,/All'  &$  
  PRINTF, lun, 'DELFUNC,/All'  &$  
  PRINTF, lun, '.RUN ' + file  &$  
  PRINTF, lun, '.RUN ' + file  &$  
  PRINTF, lun, 'COMPILE,/All, file="' + file + '"'  
;ENDIF
```

```
PRINTF, lun, 'DELPROC,/All'  
PRINTF, lun, 'DELFUNC,/All'
```

```
FREE_LUN, Lun
```

```
; Now run the file to compile everything
```

```
@compileall.com
```

```
!Quiet = save_quiet ; back to user's normal
```

```
; Get rid of internal variables
```

```
DELVAR, save_quiet, files, count, Lun, file
```

```
;END  
----- make.com ----- END
```

```
Dave
```

```
PS - Sorry if this gets posted twice (or more), but my NNTP host is  
having anxiety attacks....
```