

Program 2, continued

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Review: Files in my 502/Pgm2 directory

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- Fortran and C directories now have these routines:
 - Main program:
 - ✦ pgm2.f90 / pgm2.c
 - ✦ there are placeholders for calling bc(), advection(), etc
 - Makefile + routines –
 - ✦ Fortran makefile was updated – compile options
 - ✦ bc (first part done), ic, contr, sfc
 - Specific to a language:
 - ✦ global_data.f90 • For C: parameters.h
 - You can copy whatever you need from these files.
 - ✦ as they are, you can run 'make', run, get the IC plotted.

Makefile

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- Fortran and C directories now have these routines:
 - OBJECTS
 - ✦ list of **.o files** corresponding to your .f90 or .c files
 - ✦ it needs these to build the executable program ('pgm2')
 - OPTIONS
 - ✦ C: default of nothing (OPTIONS =) means to take *defaults*
 - ✦ Fortran: subscript checking and traceback are set
 - I added an option to suppress one annoying warning
 - ✦ You can always un-set one option (putting # before it), and select another (remove the leading #)
 - Briefly: dependencies

Optional: Web pages from your pgm2

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- *If you're interested:*
 1. Copy my Web directory on Keeling ...
`cp -R ~bjewett/502/Web .`
 2. `cd` into *Web* and list the file contents.
 3. Instructions in [README.txt](#) ("*more README.txt*")
 4. My *gmeta* file is in there, similar to what your program 2 might create.
 5. Download [atms502.zip](#) to your PC; extract files, preferably into their own (separate) folder.
 6. Open a browser tab (^O) to see: [viewer2p.shtml](#)