Larson simulation readme

Install Fortran, MinGW-w64

Open cmd line using that environment

Target: "C:\Program Files (x86)\mingw-w64\i686-8.1.0-posix-dwarf-rt\_v6-rev0\mingw-w64.bat"

Start in: "C:\Program Files (x86)\mingw-w64\i686-8.1.0-posix-dwarf-rt\_v6-rev0"

gfortran program.f90 -o executable\_name.exe

executable\_name.exe

To execute from python…

import subprocess

command = “executable\_name”

subprocess.Popen(command)

but how do I use the environment? See below: I just need to include the ming bin folder in the path.

Another way run commands is:

import os

command = “executable\_name”

os.system(start command) #this executes system commands os.system(‘cmd’) runs cmd.exe, os.system(‘notepad’) runs notepad.exe, os.system(‘dir’)

perhaps run the ming batfile and then feed it with commands as arguments?

The ming bat file is:

echo off

set PATH=C:\Program Files (x86)\mingw-w64\i686-8.1.0-posix-dwarf-rt\_v6-rev0\mingw32\bin;%PATH%

rem echo %PATH%

rem cd "C:\Program Files (x86)\mingw-w64\i686-8.1.0-posix-dwarf-rt\_v6-rev0\mingw32\bin"

cd "C:\"

"C:\Windows\system32\cmd.exe"