

Another way to compile AT with gfortran in Windows11 is to use a Cygwin environment.

You can follow these steps (general steps, not explicit – YMMV):

- 1) Prepare the Makefile by commenting out all compiler instructions that are not in the gfortran section. You can change the compiler instructions by uncommenting a different FFLAGS line (only one should be uncommented).

```
FFLAGS= -march=native -Wall -std=gnu -O3 -I../misc
```

However, if you don't like gfortran telling you about all of the assignment issues present in the source due to typing mismatch, remove `-Wall`

- 2) Download a Cygwin GUI installer. <https://cygwin.com/install.html>
- 3) Install, and make sure to choose at least the following packages:  
gcc-core, gcc-fortran, gdb, make
- 4) Add the new `/Cygwin/` and `/Cygwin/bin/` directories to the Windows PATH variable
- 5) Launch cygwin from terminal of choice with `cygwin.bat`  
(or if there's an app launcher, you can just use that)
- 6) Navigate to the AT Makefile directory  
(cygwin uses `dir` for directory navigation)
- 7) Run the `make` command
- 8) Done!