

How to compile a combined Fortran program on Windows using PGI compiler and Visual Studio 2008. Here we suppose that we already prepared all the necessary Fortran source code files.

These steps have already been done for the example code (FortranTimeClient) and are not necessary for this code.

For new codes the following actions are required:

1. Create PGI Win32 application.
2. Add Fortran files to the solution.
3. We should ensure that we are using functions for getting the Internet time (and not the subroutines as on Linux).
4. Project -> Properties -> External Properties -> Case of External Names -> Lower case.
Ensure that: Project -> Properties -> External Properties -> Calling Convention is "Default".
5. Copy TimeDll.lib (from TimeDll/ Release/) into our solution directory.
6. Choose Release configuration.
7. Project -> Properties -> Linker -> Input -> Additional Dependencies -> TimeDll.lib.
8. Build the application.
9. Copy TimeDll.dll (from TimeDll/ Release/) into Release directory where the executable is located.
10. Run the executable and see the result.

The output is a UTC time, which is 1 hour less than German time (winter time) and 2 hours less than German summer time.