1. Open Microsoft Visual Studio 2008
2. Select File>New>Project
3. For project type select, “Intel ® Visual Fortran|Console Application.”
4. Use the “Empty Project Template
5. Select an appropriate “Name” and “Location” for the project.
6. Click OK
7. Right-click on “Source Files” and select “Add|Existing Item…”
8. Select all the files in the folder except lmg1.f. (Use lmg1OFF.f instead.)
9. Select “File|New|Project.”
10. For project type select, “Visual C++|Win32.”
11. Set the name to “gmg.”
12. Use the same location as in step 5.
13. For “Solution” select “Add to Solution.”
14. Click OK.
15. In the Win32 Application Wizard, click the Finish button.
16. Remove all the header and source files from the gmg project by right-clicking on them and selecting Remove from the pop-up menu.
17. In the gmg project, right-click on “Source Files” and select “Add| Existing Item…”
18. Select all the files in the source code directory with the extensions .h or .c. ("CCFD.c" "CCFD.h" "MF2KGMG.c" "MF2KGMG.h" "r\_vector.c" "r\_vector.h" "SOLVERS.c" "SOLVERS.h")
19. Right click on the gmg project and select Intel C++ compiler pro>Use Intel C++
20. “Select Project|Project Dependencies.” Then select the mocwt project and check the underlying box that says gmg.
21. Select “Project|Properties” for the gmg project and change the configuration type from .exe to a static library (.lib). (Under “General|Project Defaults”.)
22. Still in the project properties for the gmg project, selec t “C++|Precompiled Headers” and change “Create/Use Precompiled Header” from “Use Precompiled Headers” to “Not Using Precompiled Headers.”
23. Click OK
24. Select “Project|Properties” for the mocwt project and “Configuration Properties|Fortran|Diagnostics”. Change “Check Routine Interfaces” from Yes to No.
25. In the Fortran code project property, 'Configuration properties>Linker>General>Enable Incremental Linking" should be "YES", to avoid an error.
26. The same option for both of 'Configuration properties>Fortran>Libraries>Runtime Library' in the Fortran code project property and 'Configuration properties>C/C++>Code Generation>Runtime Library' in the C code project, i.e., gmg, property is recommended. E.g., if "Multi-threaded Debug (/MTd)" is chosen for the C code part, the same one is recommended to choose for the counterpart in the Fortran project.
27. In the gmg project, select “Configuration Properties|C++|General” and change the “Additional Include directories" include the path to the default Intel Fortan header file and library directories in the GMG project property dialog box.( C:\Program Files (x86)\Intel\Compiler\11.1\067\include)
28. Select “Build|Build Solution.”