1. **How to compile**
2. The project was created in C++ in Visual Studio 2015.
3. To compile it successfully please the compilation on Release x64
4. In the Configuration Manager, please turn off the compilation of EvolutionaryTesterDll project.
5. The main project is IslandGA
6. **How to execute**
7. The examples of how to run considered methods by hand are given in “run me yourself” folder.
8. The test took many executions and were handled by a dedicated program that was assuring that the same number of experiments is executed in a given moment. Therefore, the experiment execution may be found as complicated. We hope that examples we have supported will be clear enough, to allow anyone running his own experiments.
9. In “run me yourself” folder you have the files prepared for the DSMGA-II and bimodal-16 experiment. To execute the experiment you need to:

* Put “IslandGA.exe”, “zobristkey” and settings file in one folder.
* The problem definition is in the “dec\_concat.txt” file.
* Finally, you need to create the entry file. The entry file contains the name of the settings file (and <enter> after the setting file name).
* To execute the program you type “IslandGA.exe 1” (command line window is quite useful). For such command “IslandGA.exe” will be executed with parameter “1” and it will consider the “1\_entry.txt” file that contains the name of settings file.
* After the execution the following files will be created “1\_out.txt” that contains the output information for the summery files and “3LO\_<experiment number>.txt” that contains the full experiment log.

1. If no parameter is supported then we use some dedicated path (file System.cpp, line 233). This is a mechanism for tests, not for regular experiments.
2. All settings files are given in the results folder. In the summary files, among all other information, you can get the seed for each run.

Thank you for downloading our sourcecodes and paying attention for our research. In case of any problem please do not hesitate to contact us using the following emails:

[marcin.komarnicki@pwr.edu.pl](mailto:marcin.komarnicki@pwr.edu.pl) and [michal.przewozniczek@pwr.edu.pl](mailto:michal.przewozniczek@pwr.edu.pl)

Marcin Komarnicki

Michal Przewozniczek