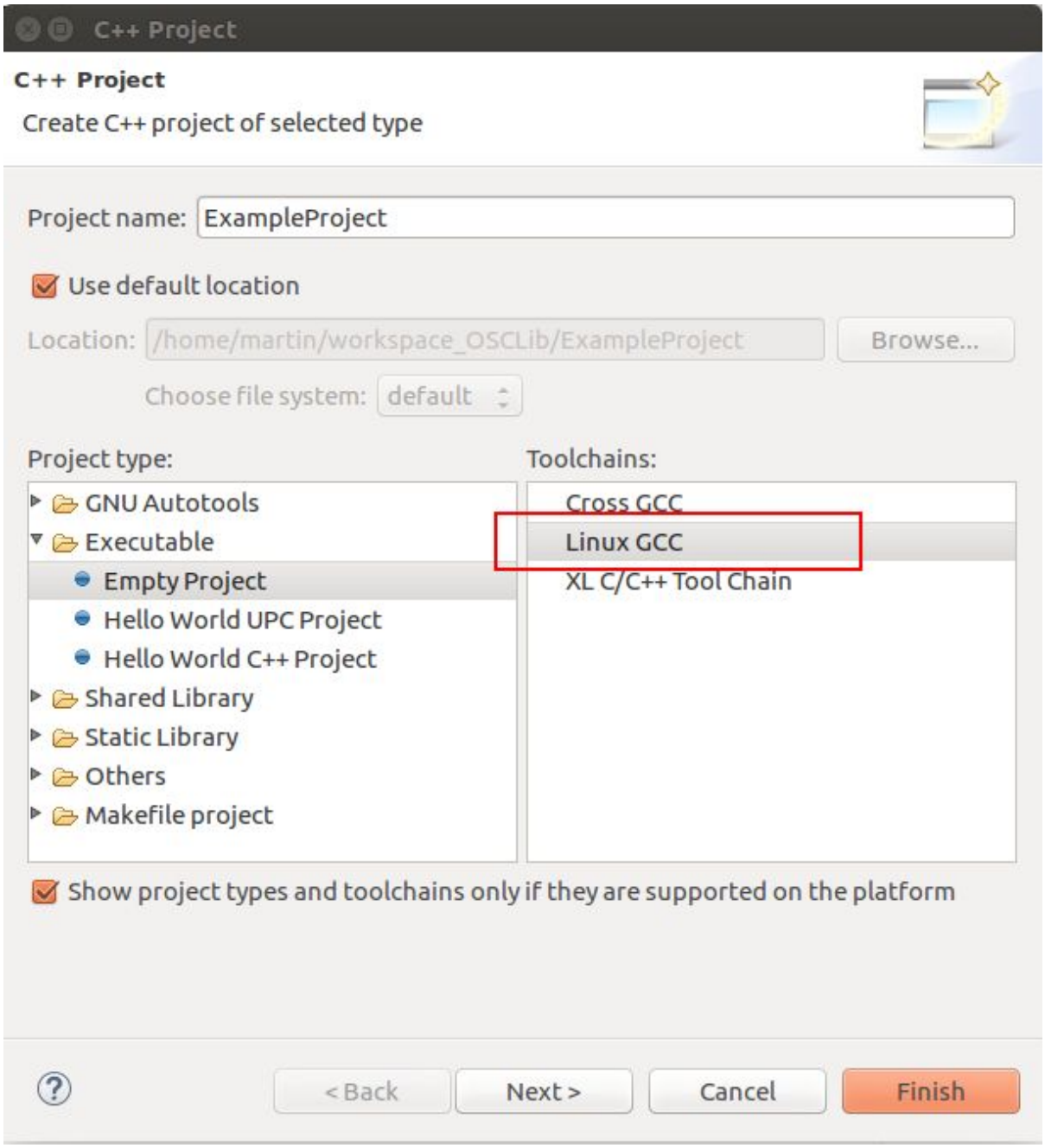
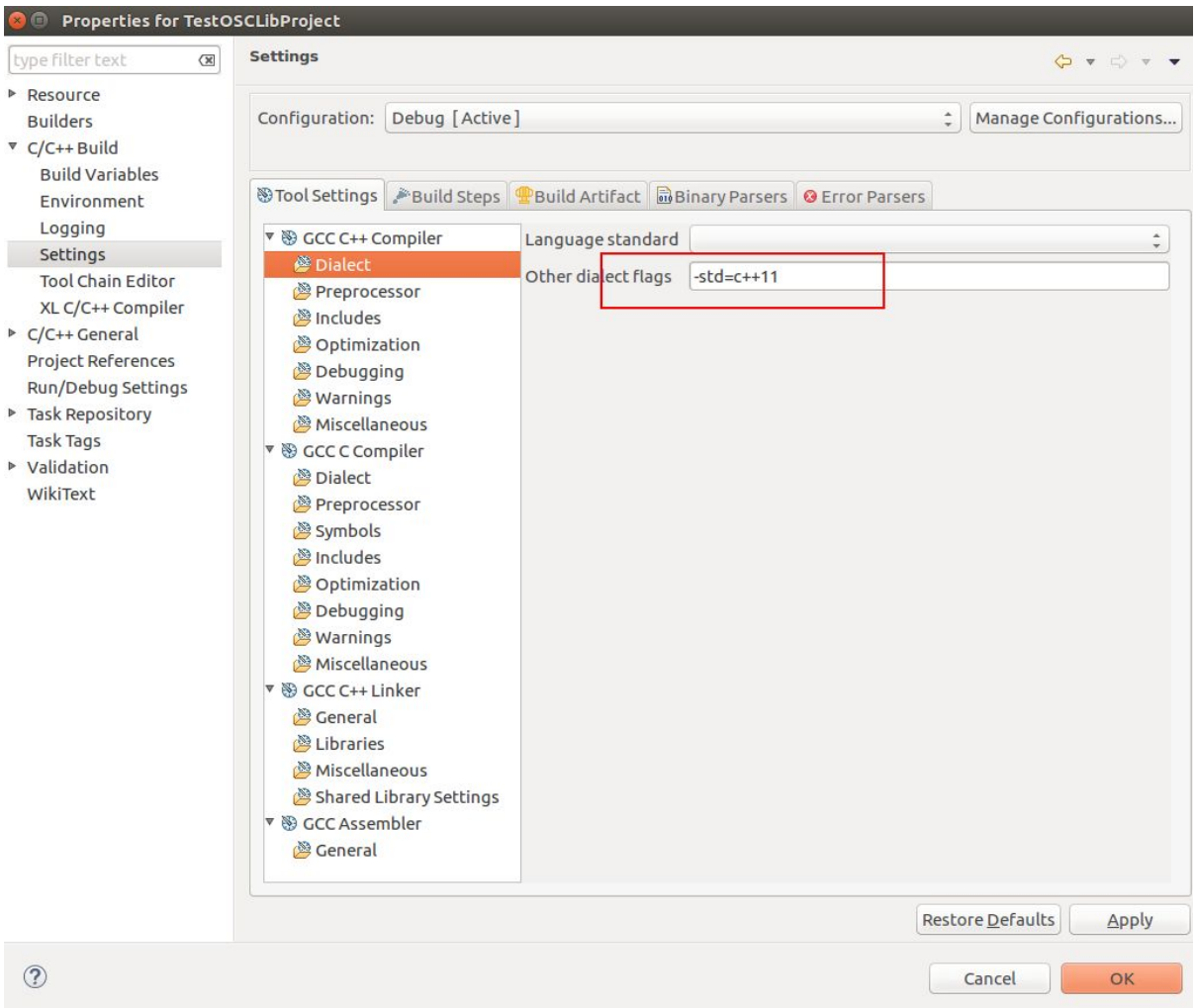
This document describes how to use the OSCLib shared libraries in an eclipse CDT project.

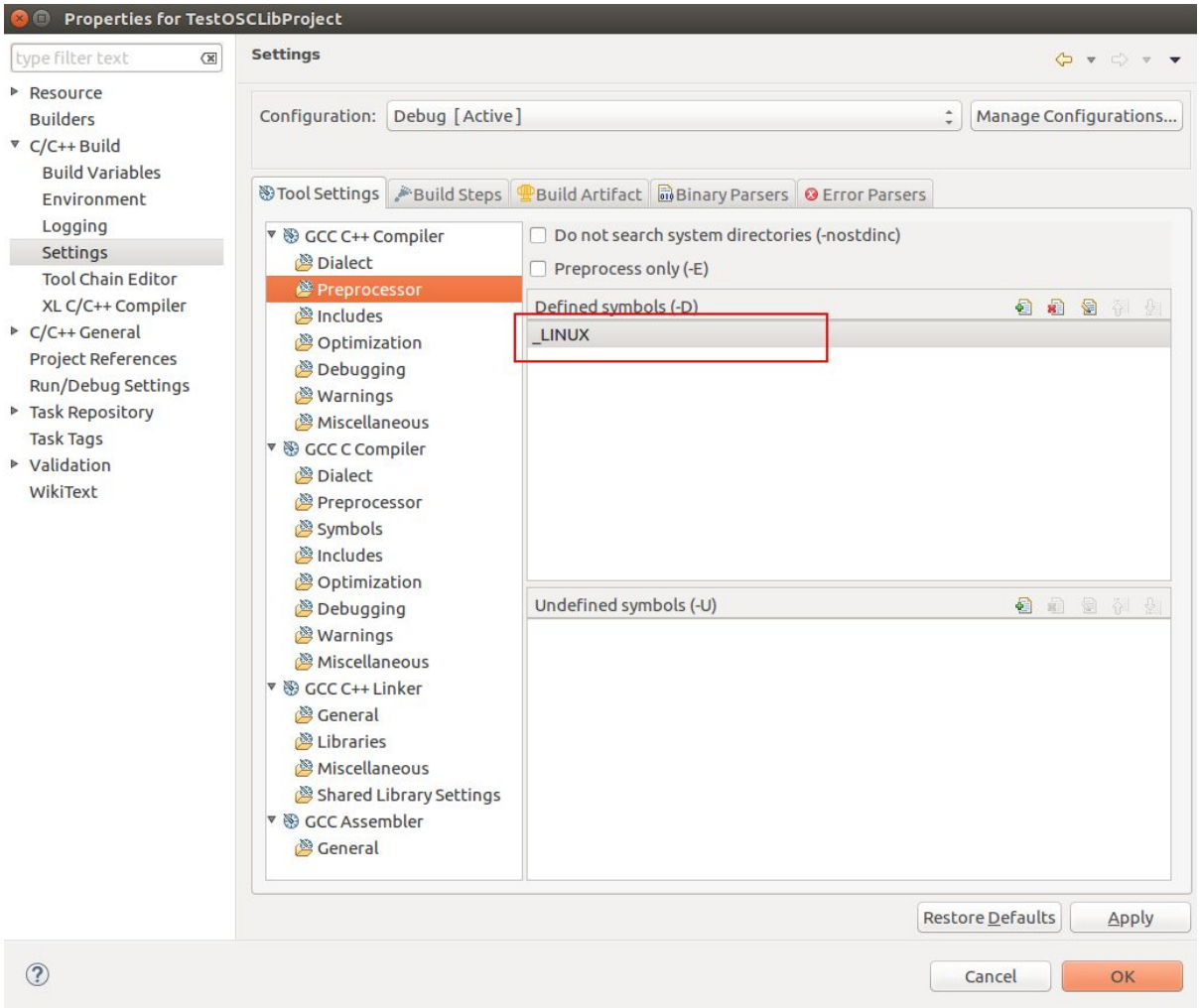
Go to File -> New -> C++ Project. In the Project wizard enter a project name and select an executable. Then choose “Linux GCC Toolchain”:



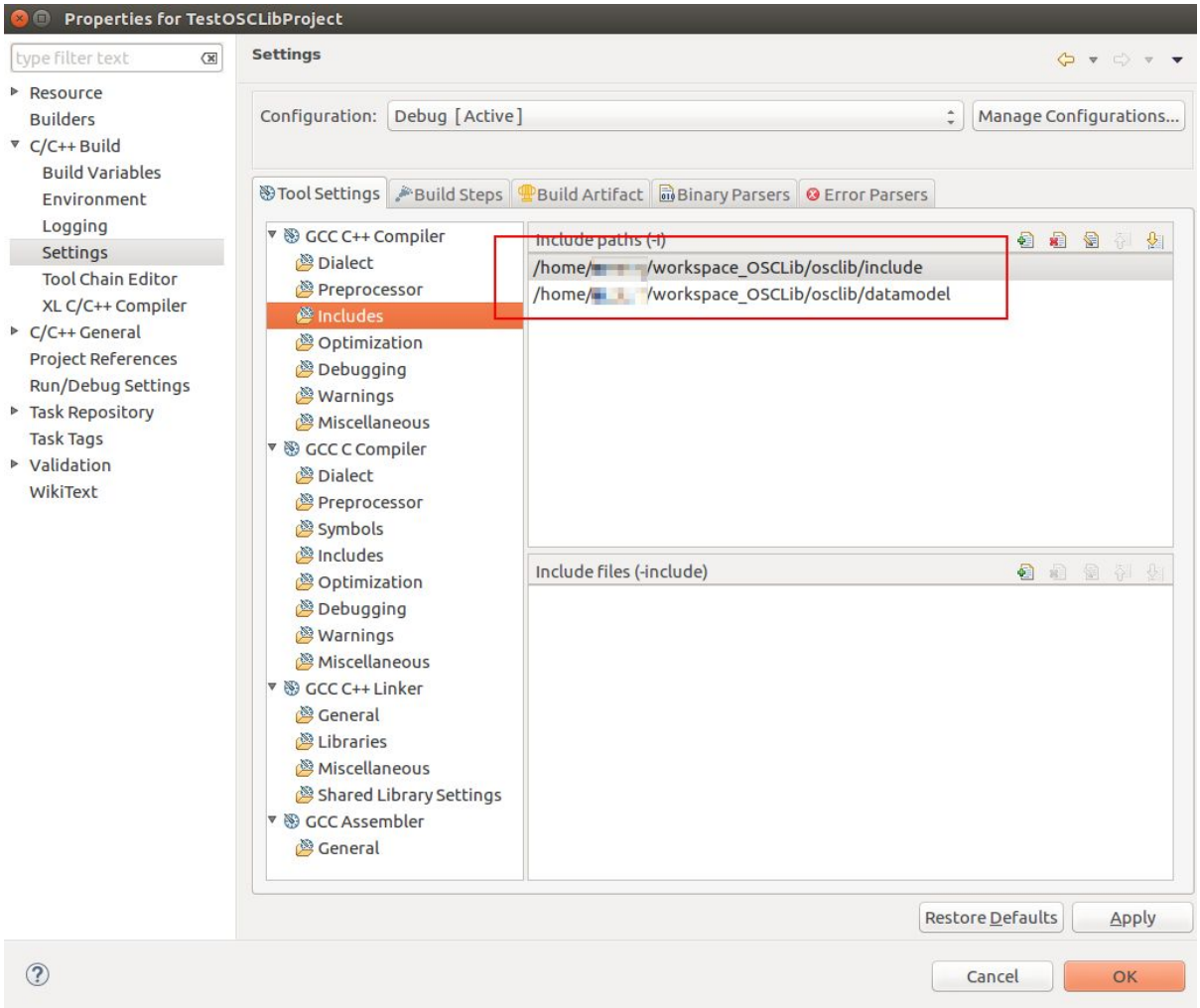
In the project properties, go to “C/C++ Build and select “Settings”. Then select the “GCC C++ Compiler Dialect” node in the Tool Settings tab. Under “Other dialect flags” enter “-std=c++11”:



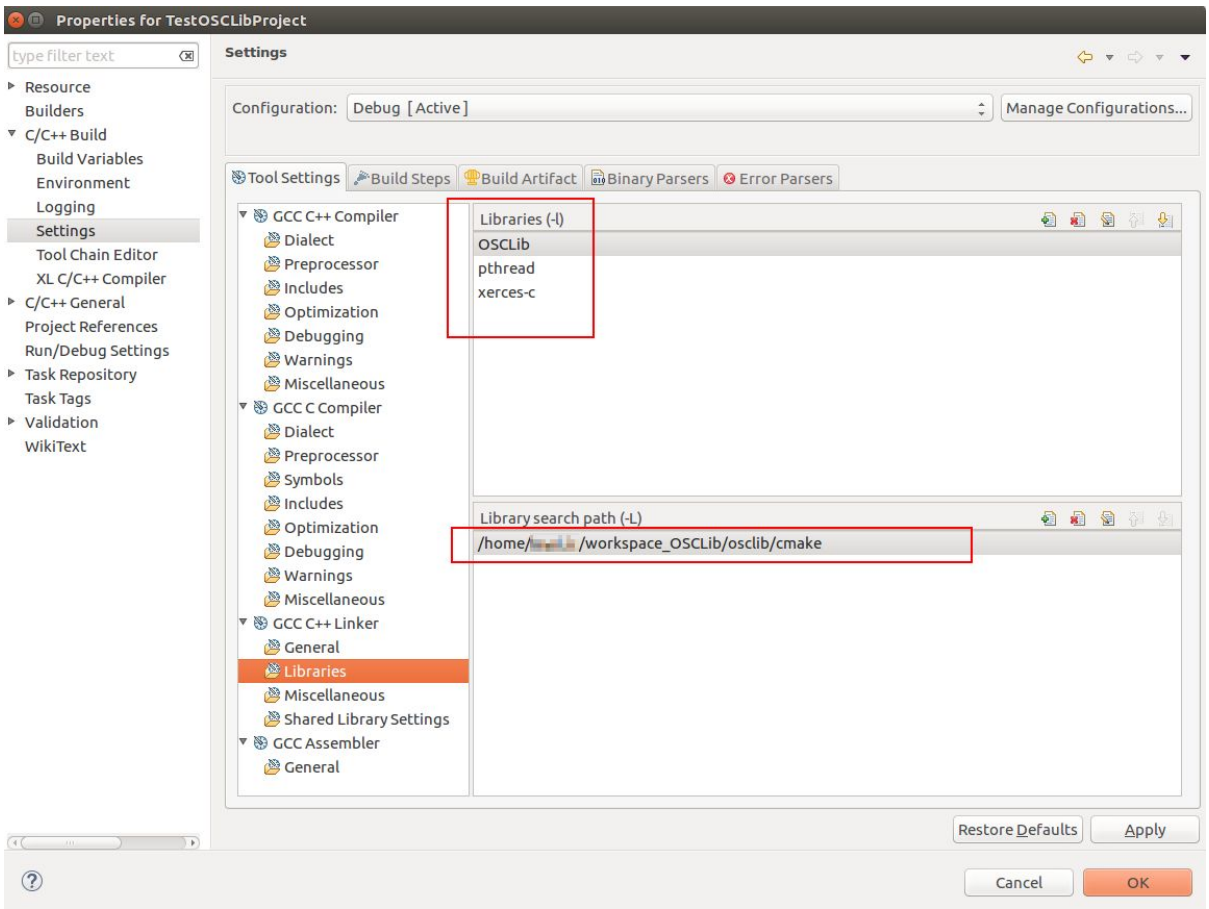
Select the “Preprocessor” node and enter the defined symbol “_LINUX”:



Under “Includes” add the two directory entries “include” and “datamodel”:



Select the “GCC C++ Linker Libraries” node and add the entries “OSCLib”, “pthread” and “xerces-c”. Then enter the path to the shared object in the “Library search path” section:



In the Run / Debug configurations, select the “Environment” tab and add the variable “LD_LIBRARY_PATH”. Then insert the path to the shared object (libOSCLib.so) as value: