

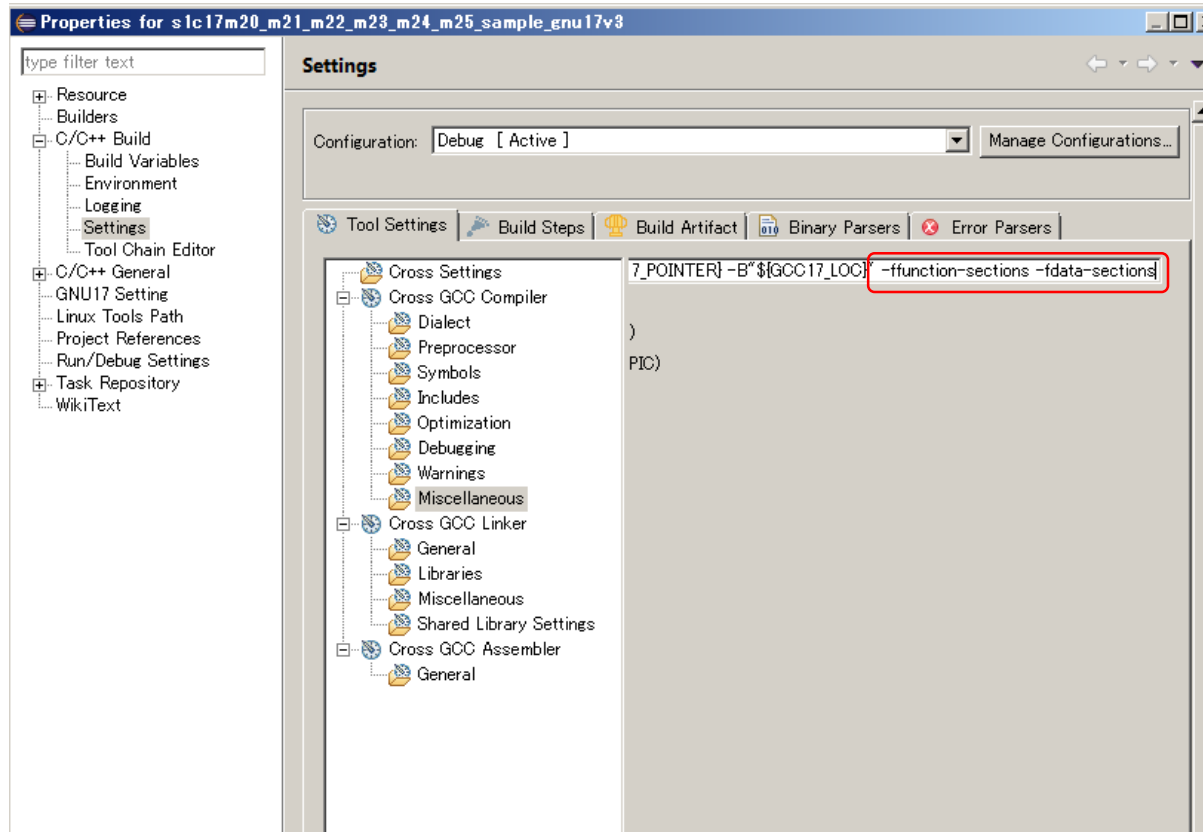
How to exclude unused functions (reference information)

By setting options of the compiler and linker, it is possible to build without including unused functions. Follow the steps below to make the settings.

1) Add the following to the compiler startup options

Right-click on the project in the Project Explorer window and select Properties

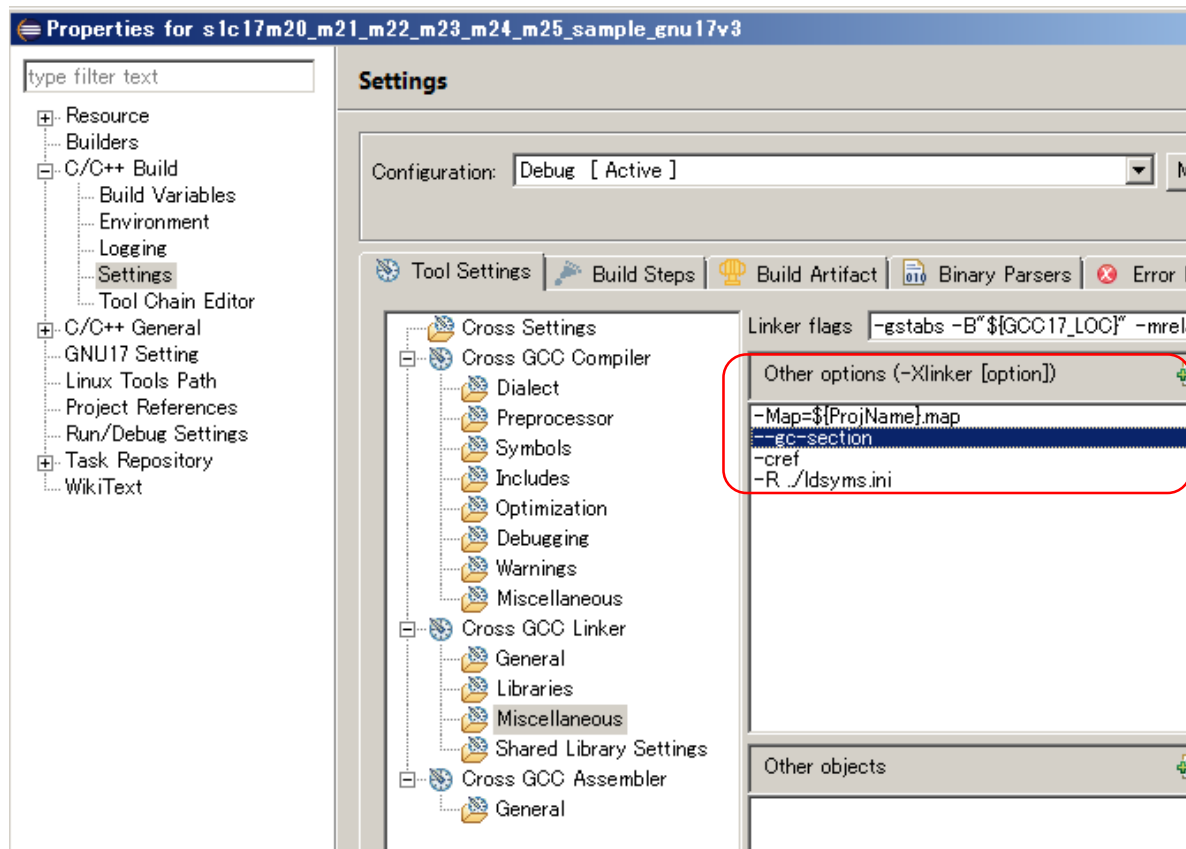
C/C++ Build > Settings > Tool Settings (tab) > Cross GCC Compiler > Miscellaneous > Add “-ffunction-sections -fdata-sections” to Other flags and click “OK”.



2) Add the following to the linker start up options

Right-click each project in the Project Explorer window and select Properties

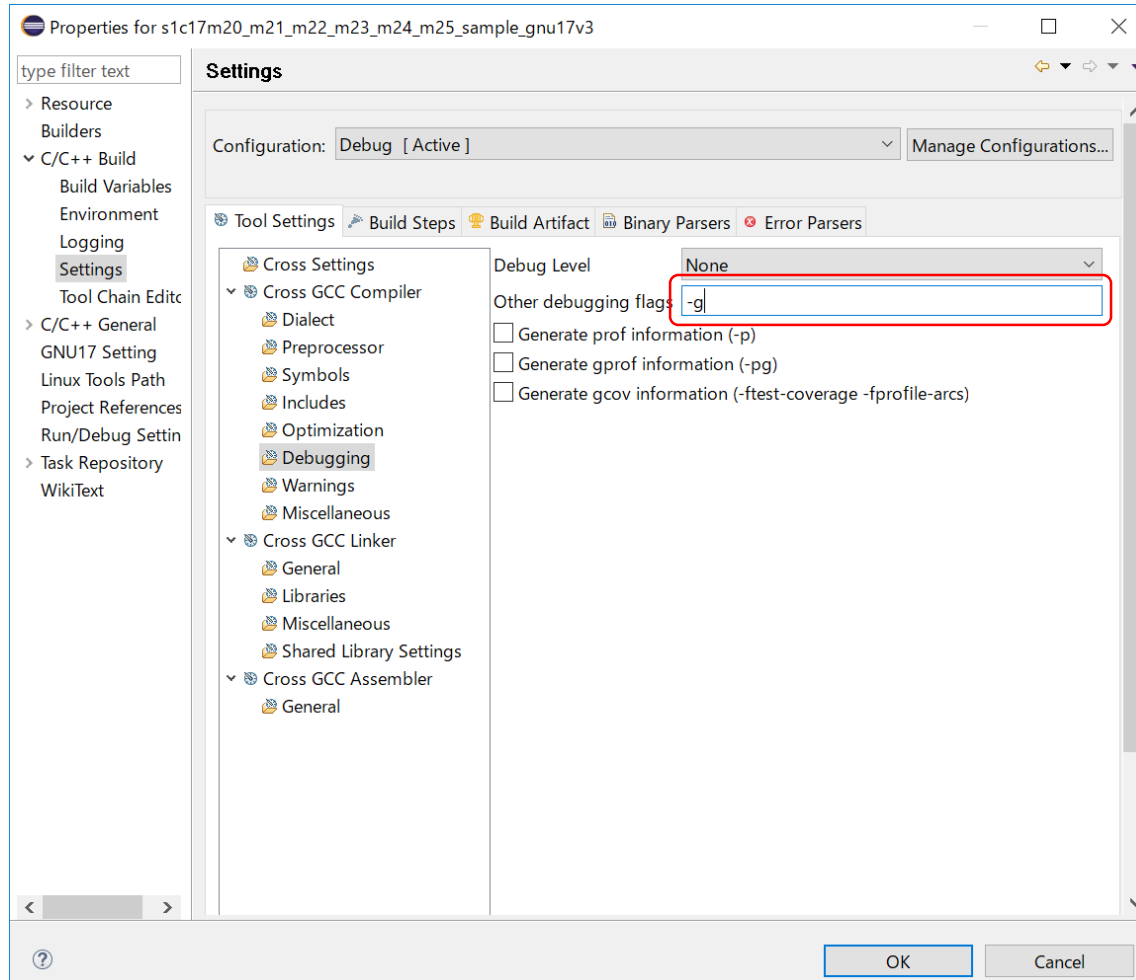
Add "--gc-sections" to C / C ++ Build > Settings > Tool Settings (tab) > Cross GCC Linker > Miscellaneous > Others options and add "-cref" option (can be output reference for each function in map file) and click "OK".



3) Source level debug option settings

Right-click each project in the Project Explorer window and select Properties

C/C++ Build > Settings > Cross GCC Compiler > Debugging > Change [-gstabs] in other debugging flags to [-g] (source level debugging is possible) and click "OK".



4) Build

Clean the project and then rebuild it.