

## Code Warrior for MCU 10.6

- Installation:
  - Download CW for MCU v10.6 from [freescale.com](http://freescale.com)
  - Click on setup.exe
  - Accept license agreement
  - On “choose components” menu, select ‘Kinetis’
  - Choose Install Location
  - The installer is now ready. Click "Next" to validate the installation.
  - The setup takes several minutes to complete.
  - Install all the additional files
  
- Using CodeWarrior Development Studio
  - Open CodeWarrior development Studio
  - Create new Project
  - Select Bareboard Project from the wizard
  - Enter Project name and location
  - Enter the Device or Board to be used, we have used MKL25Z128 for testing.
  - Select the connection used, we have used OpenSDA.
  - Select the programming language, we have used C.
  - New project has been created but none of the components have been added under the project.
  - For this, we need components PEupd files (attached in the folder)
  - We can add these files under “Processor Expert” menu by clicking on ‘Import Component(s)’. After adding we can see them under the components menu of the project.

- Coding on CodeWarrior
  - After the project has been created, we can see the source files under the “Sources” folder
  - After the components were added, we can open ‘main.c’ file under the Sources folder. It will already include the modules of the selected components.
  - We can also open the source files or the header files of the components under the components menu by right clicking a component and selecting the Generated\_code file under “Open file” section.
  - We can see all the functions, already created in the source file of each component.
  - After reading function description, we can directly use them in the ‘main.c’ file as per requirement.
  - After writing the code, we can debug before running the code. Debug using the ‘bug like’ button below the help menu or by pressing F11 key.
  - All the errors are displayed under the ‘Problems’ bar. On clicking on a particular error, it takes us to that error in our code.
  - Then we can compile using the ‘run’ button or by pressing ctrl + F11.