

# Creating a Project in Code Warrior

Firstly click on the codewarrior icon and start the Code Warrior IDE. The Code Warrior icons looks like this...

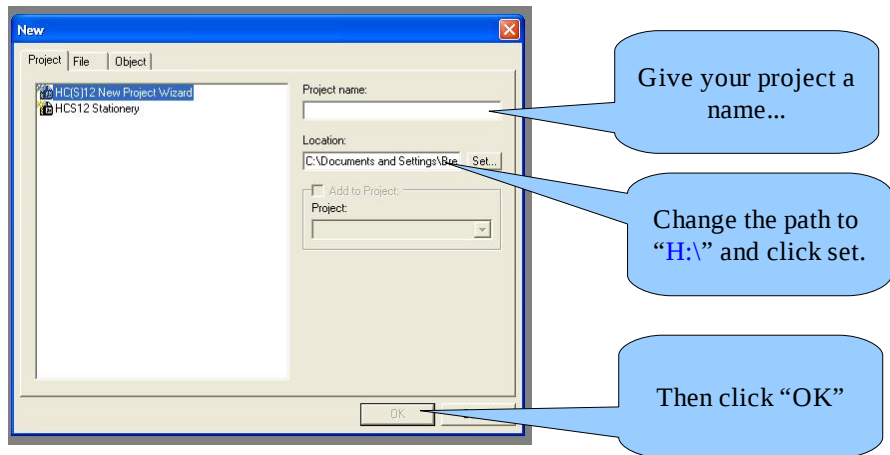


Once Code Warrior has started you will need to create a project before you can do anything else. The project contains all the setting and options, as well as all the libraries and code required to successfully build your program.

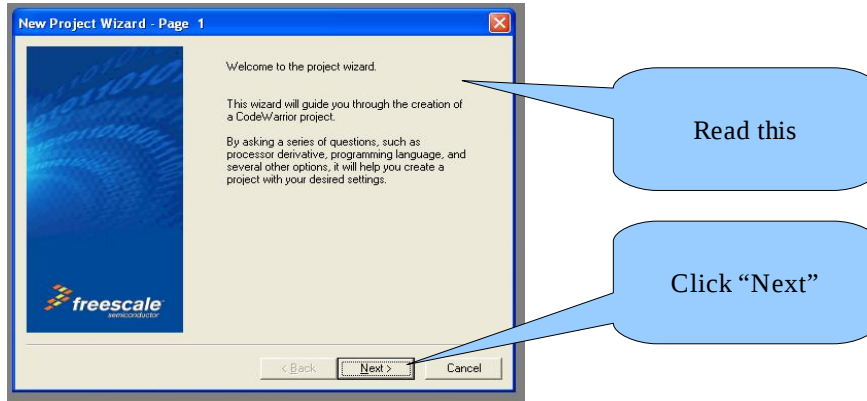
**Step 1:** Click on the "File" menu and select "New..."



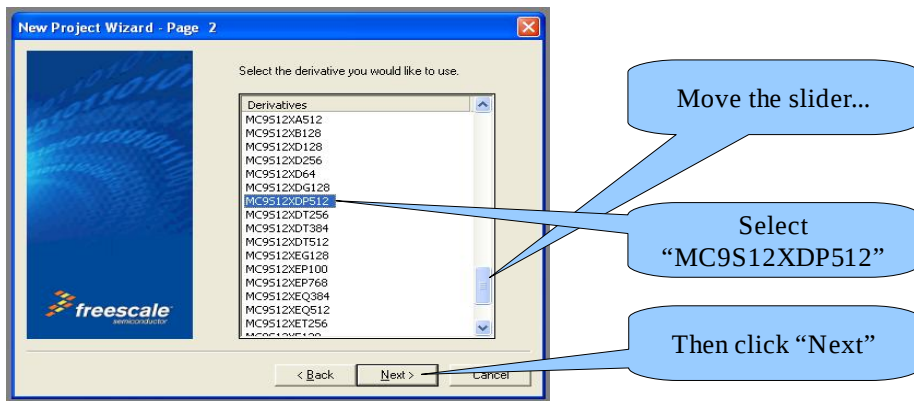
**Step 2:** The following dialog box will open, name your project, change the path and then click "OK" to continue to the next step....



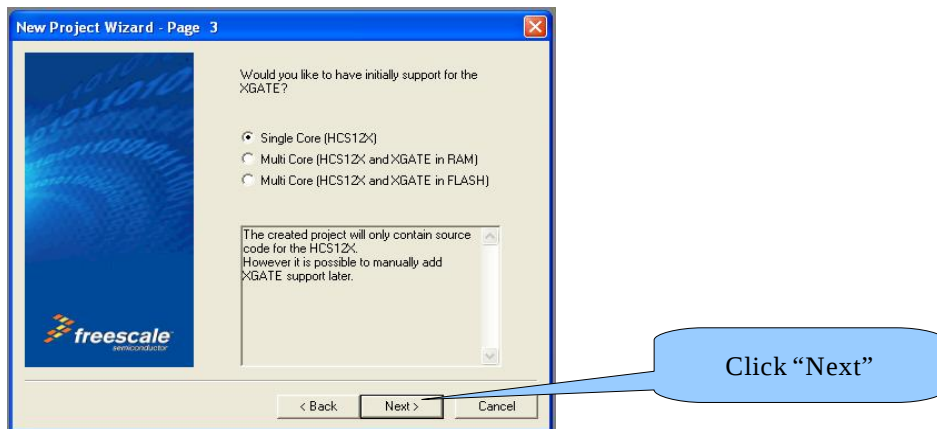
**Step 3:** Starting the project wizard. The project wizard will ask you a series of question so that it can create the right type of project.



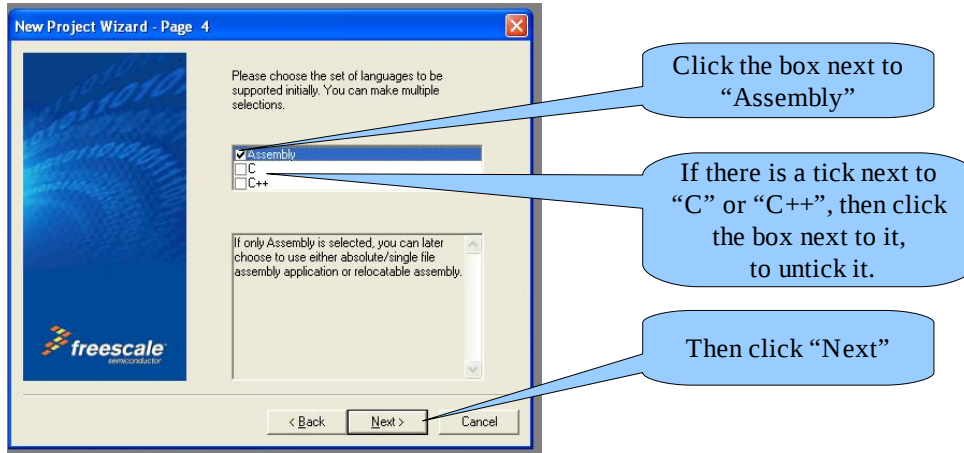
**Step 4:** Select the right HS12 derivative (MC9S12XDP512). Code Warrior can be used for many different Freescale processors. So you need to ensure you select the right one.



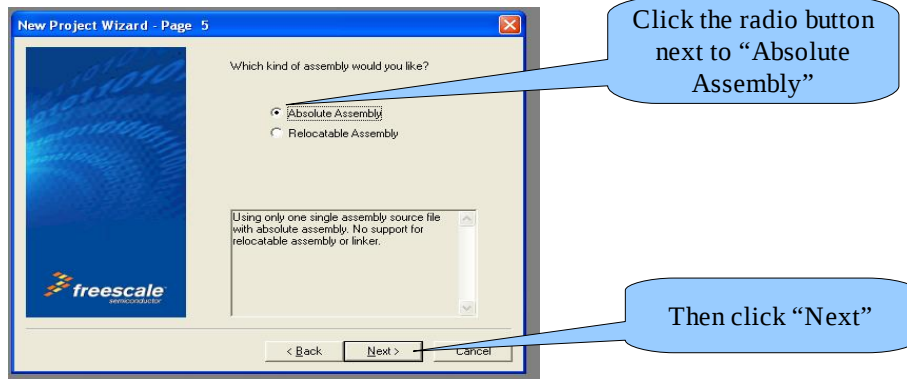
We only want to use the single core (HCS12X) in our projects, so chose the single core option and click "Next".



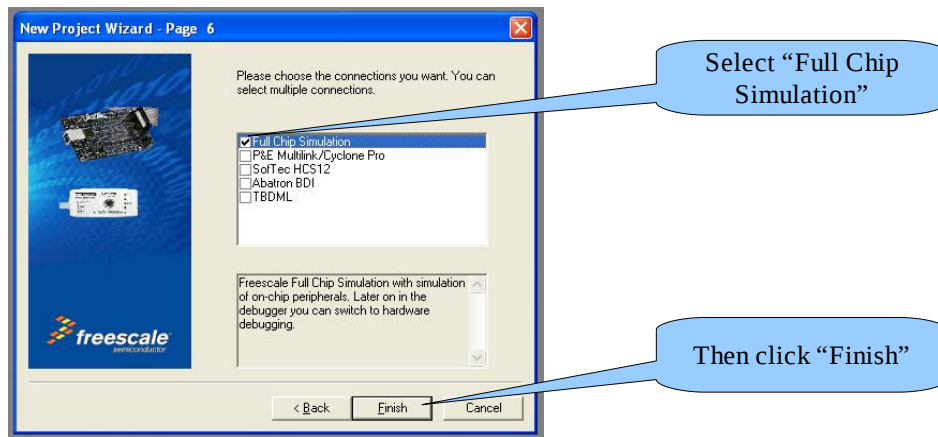
**Step 5:** *Choosing the development language. Code Warrior can be used to develop programs in “C”, “C++”, or “Assembly”. We are primarily developing our programs in Assembly.*



**Step 6:** *Choosing the type of assembly code. Code Warrior can create either absolute or relocatable assembly. Absolute assembly has hard coded program locations (built for flash (\$4000)). Where as relocatable assembly can be built for any location. We want to only build absolute assembly programs.*

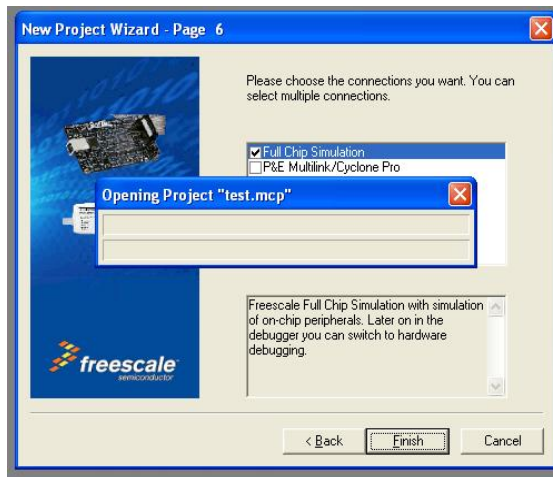


**Step 7:** *The last step required in making the new project is choosing the type of debugger we will be using. We will only focus on using the “Full Chip Simulation”.*



CW-07-001: Creating a Project in Code Warrior

*Your new project will now be created.....*



*It is now recommended that you read the next document in this series called “**Quick Guide to using Code Warrior**”, which will show you how to use Code Warrior.*