

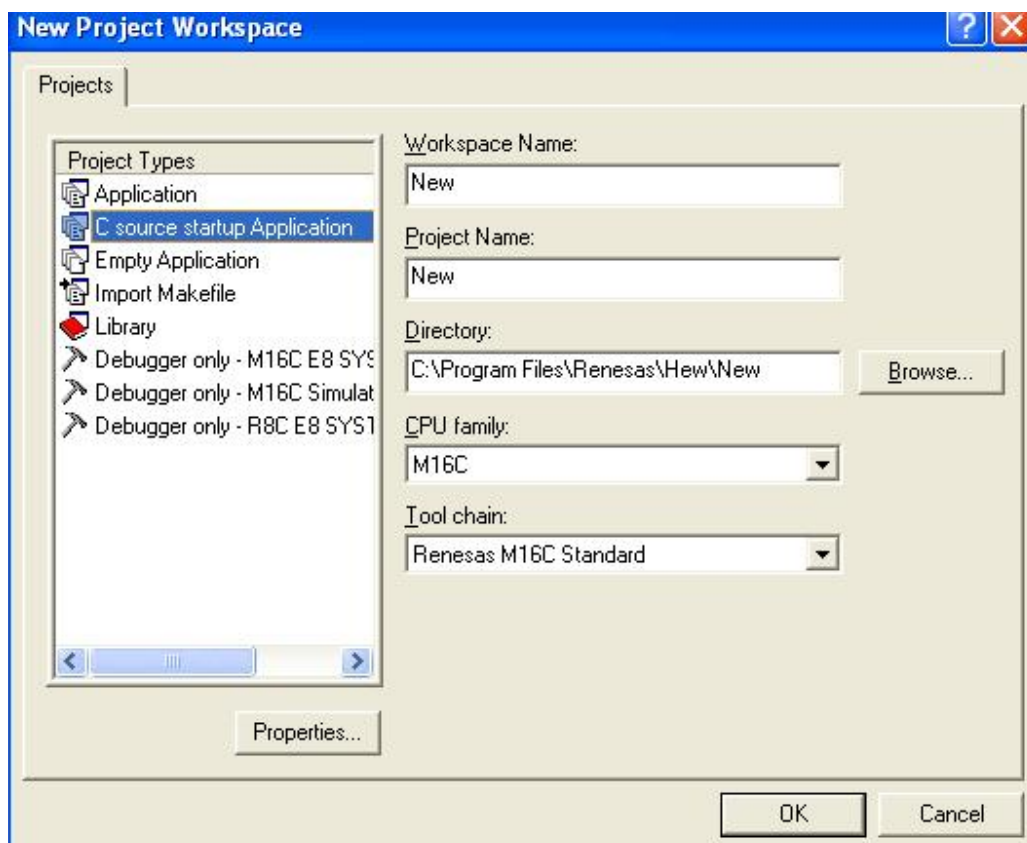
Quick Start Guide to HEW

Renesas's **HEW** is used for developing application programs. Each program is opened as a separate project and the related files are stored in the relevant project directory. In the HEW, open a new project by selecting **New workspace** from the main menu.

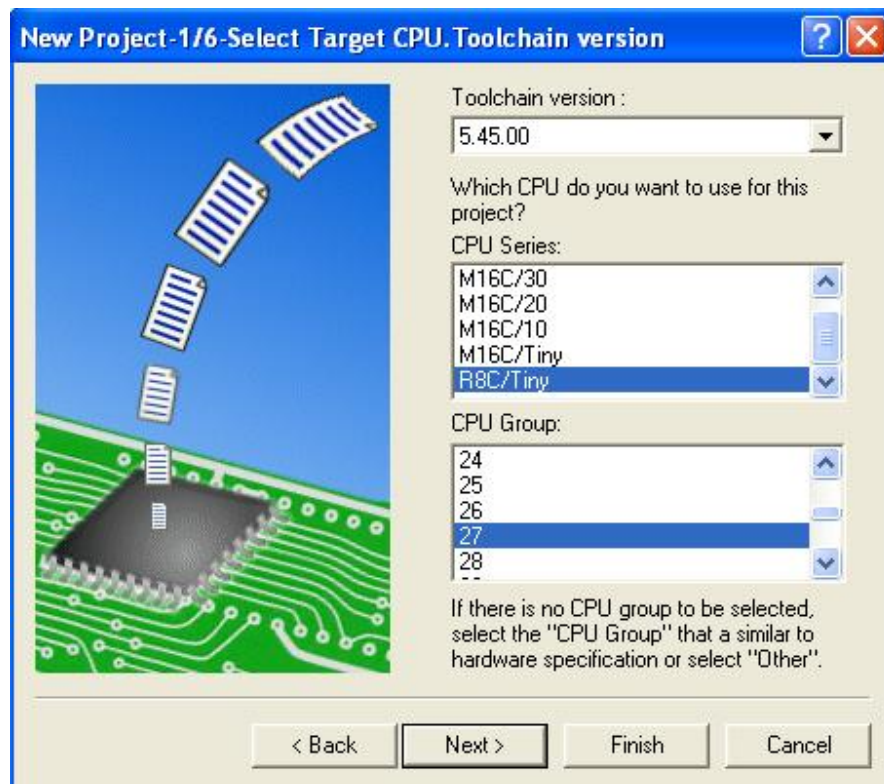
Select the option "**C source startup Application**" from Project Types, **M16C** option from CPU family and select tool chain as **Renesas M16C standard**.

Enter the project name and select the location using **Browse** button.

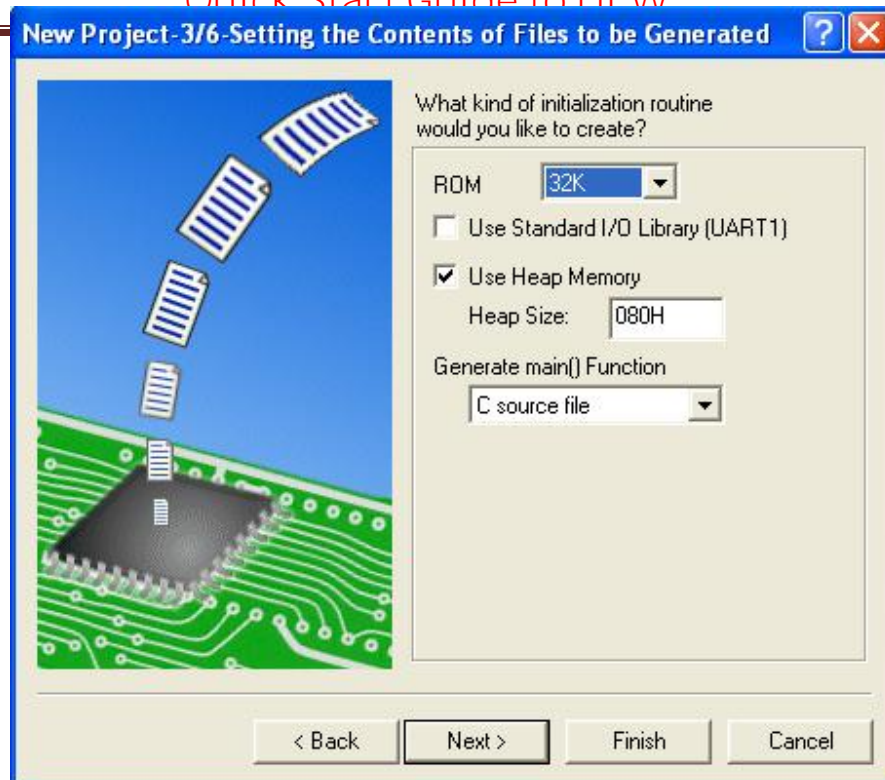
Press **OK**. The project generator opens up another screen.



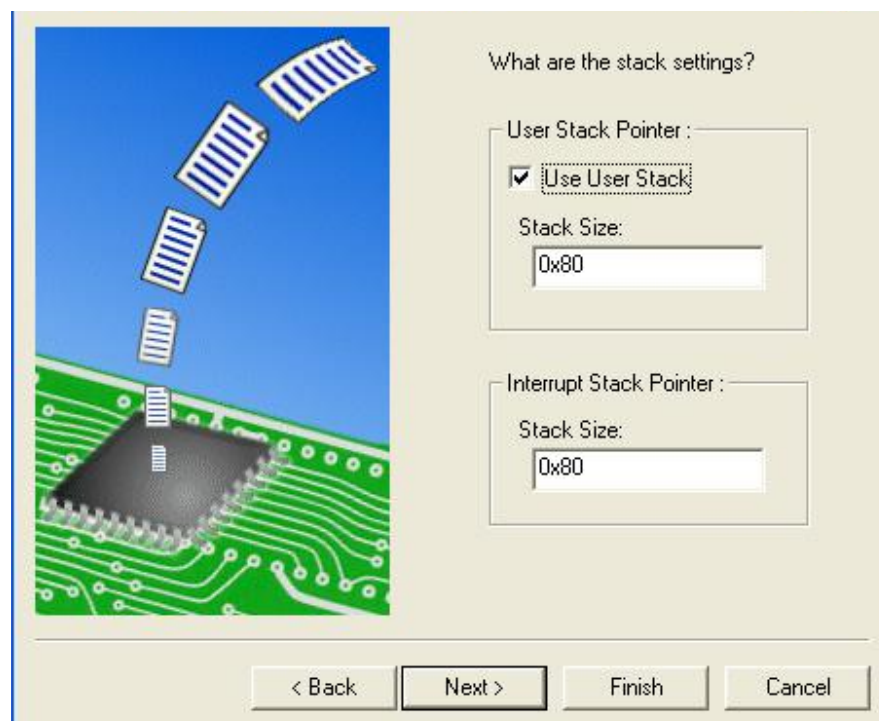
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Select **R8C/Tiny** option from CPU series, **27** from CPU group and press **Next** button.

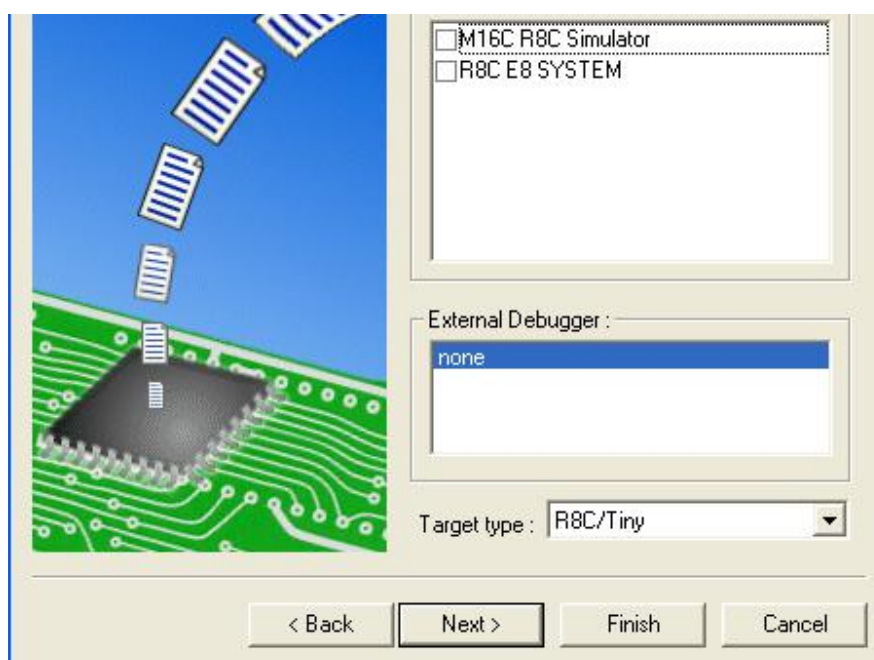


Select the required options and click, **Next** button without changing the default options.

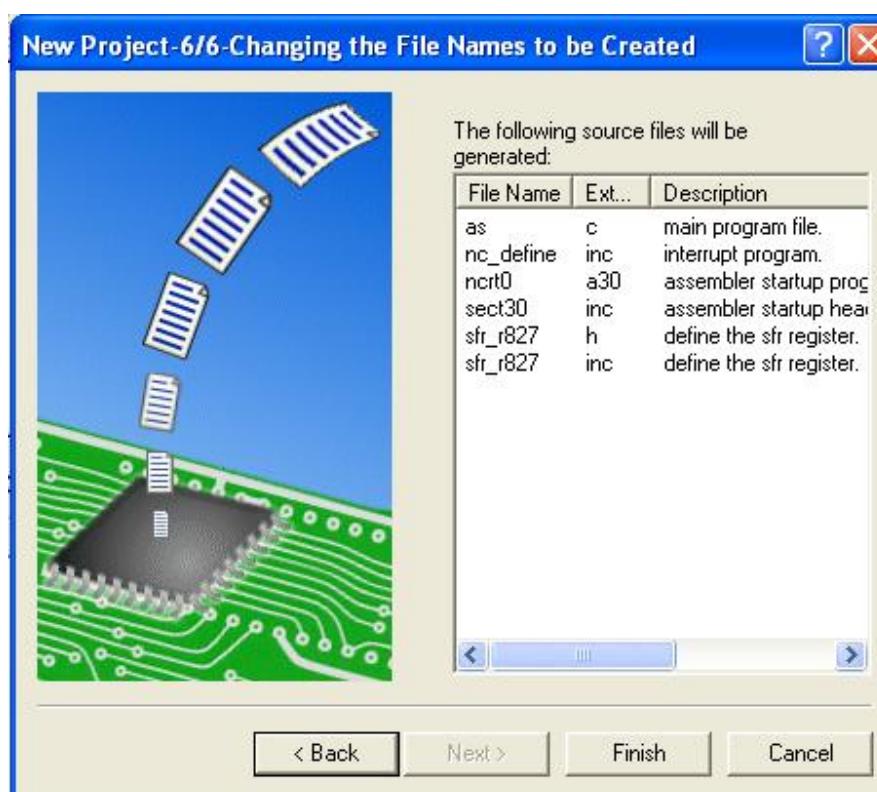


Enter the new stack size or click **Next** button.

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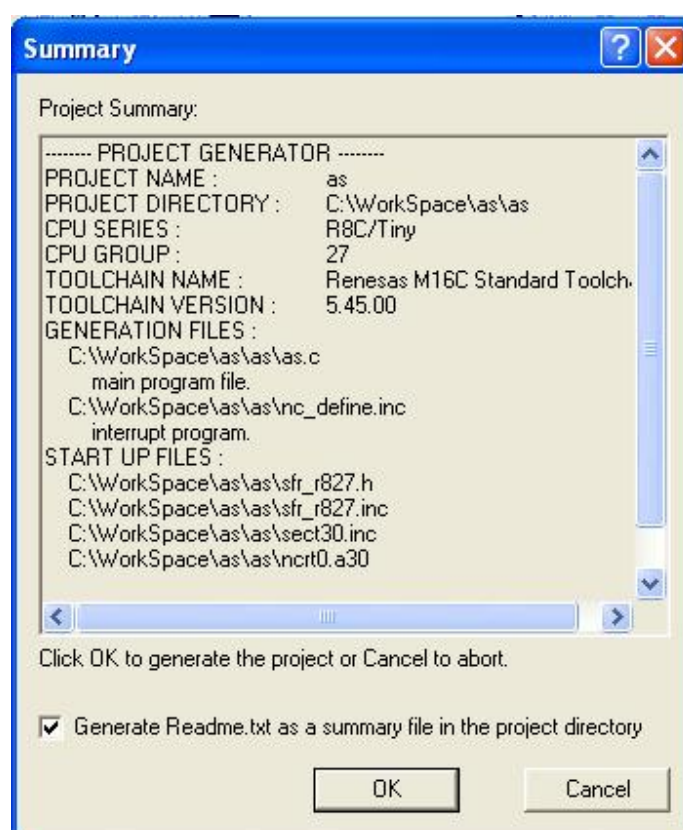


Select **M16C R8C Simulator** from targets option and click **Next** button.



Quick Start Guide to HEW

Click **Finish** button to create the new project.



as.C is the main file. The main 'C' file includes the 'sfr_r827.h' file. Note that this file defines all the port registers and other registers used by internal peripherals in the form of structures. Hence by including this header file, IO ports and internal peripherals can be accessed easily.

Main window

There are three main windows:

- 1) The workspace window,
- 2) The editor window and
- 3) The output window.

The workspace window shows the projects and files that are currently in the workspace; the editor window provides file viewing and editing facilities; and the output window shows the results of a various processes (e.g. build, version control commands and so on).

