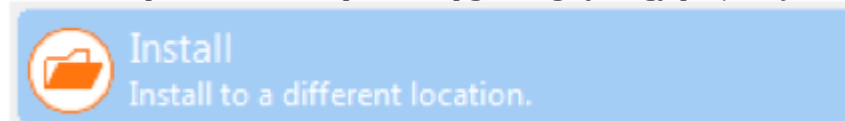# Installation Instructions

To install e^2 studio v5.4.0.023, download the installer (.zip) from the Synergy Gallery. https://synergygallery.renesas.com/

Unzip it, then double-click the installer and follow the directions on the screen.

Notes:
- If you already have an older version of e$_2$ studio installed on your PC, it is highly recommended to make a clean installation e$_2$ studio v5.4.0.023 into a different location. (This will allow you to start up the older version later if required, for example, for upgrading Synergy projects).

- Make sure to include Synergy in the 'Device Family' section of the installer
- Do not deselect any of the 'optional' components the installer presents to you in the 'Components' section of the installer. These components are required for proper Synergy support
- The latest GNU ARM compiler with which the Renesas Synergy Software Platform (SSP) has been tested (GCC_4.9_2015q3) is also part of the installer
- Unless you already have this compiler installed, it is highly recommended that you check the box to install this toolchain since the Renesas Synergy Software Package (SSP) has been tested with this version of GCC.
- Make sure to select the "Add path to the environment variables" during the GCC ARM installation - this ensures easy registration of the toolchain with e$_2$ studio.
- The e^2 studio v5.4.0.023 installer does NOT include the Renesas Synergy Software Package (SSP). There is a separate SSP v1.3.0 installer available for download on the Synergy Gallery.
- Make sure to close e^2 studio before running the SSP v1.3.0 installer.
- After you installed the SSP, your SSP Evaluation License will be located in the following directory: *e2_studio_base_dir\internal\projectgen\arm\Licenses*
- After the installation is complete, you can run e^2 studio from the Windows Start menu.
Documentation & Support Files

- SSP v1.3.0 User's Manual (HTML) SSP v1.3.0 User's Manual (HTML)
- SSP v1.3.0 User's Manual (PDF) SSP v1.3.0 User's Manual (PDF)
- SSP v1.3.0 Release Notes SSP v1.3.0 Release Notes
- X-Ware™ Component Documents for Renesas Synergy™ X-Ware™ Component Documents for Renesas Synergy™
- e² studio 5.4.0.023 Release Notes e² studio 5.4.0.023 Release Notes

Installation Instructions

SSP release package and installation information
Before installing the SSP, ensure that the following items are installed on your PC:
- Renesas e₂ studio ISDE v5.4.0.23 (download from Renesas Gallery
- https://synergygallery.renesas.com/
- GNU ARM Compiler (included in Renesas e₂ studio ISDE v5.4.0 installer)
To install the SSP, follow these steps:

1. Download the following items for the SSP Release from Synergy Gallery:
- SSP_Distribution_1.30.zip (SSP Package Installer))
- SSP v1.3.0 Release Note document in PDF format
2. Unzip the package and run the SSP_Distribution_1.3.0.exe installer.
3. Install the SSP in the root folder of a compatible e₂ studio installation.
    Note: The default installation folder for the SSP is C:\Renesas\e2_studio.

The SSP documentation installs by default to ~Renesas\Synergy\SSP_Documentation. You can change the default location during the installation. The following documents will be installed:
- readme_SSP.txt (critical information and last-minute updates).

Guix Studio Installation Instructions

To install GUIX Studio, download the installer (.zip) from the Synergy Gallery. Unzip it, then run the installer (as an Administrator) and follow the directions on the screen.

The "tag" file has the license info for GUIX Studio. When the software doesn't see this file, it defaults to "Evaluation Version." During extraction of the ZIP file, the TAG file will be placed in the same folder together with the installation executable of GUIX Studio. When it is present at installation, the installer will set things up so that GUIX Studio uses this license info.

Please run the installer as ADMINISTRATOR.

If GUIX Studio was already installed as evaluation version, this tag file can be dropped into the same directory as the GUIX Studio executable. Close and reopen GUIX Studio. Next time GUIX studio is executed, the new license info for Renesas Synergy will appear.

For details, please refer to the GUIX Studio documentation below.
- GUIX Studio v5 Quick Start Guide Sep 5, 2017
- GIUX Studio v5.3.x User Guide Sep 5, 2017
- GIUX Studio v5.3.3.7 Release Note Sep 5, 2017

S5D9 IOT BSP Installation Instructions

1. In the files provided find the **Renesas.S5D9_IOT_BOARD.1.3.0.pack** file.
2. Copy this file into your \internal\projectgen\arm\Packs directory. The default installation is C:\Renesas\e2studio\internal\projectgen\arm\Packs