

[Upgrade to Version] e² studio Integrated Development Environment 2022-04

R20TS0823EJ0100
Rev.1.00
Apr. 16, 2022

Overview

We have updated the e² studio integrated development environment from 2022-01 to 2022-04.

Major functional improvements and changes are as follows.

- Upgrade versions of Eclipse platform and CDT (C/C++ Development Tooling)
- Support of new versions of Smart Configurator for RX (2.13.0) and RL78 (1.3.0)
- Added Eclipse Marketplace Client

For an overview of the product, refer to the following URL:

<https://www.renesas.com/e2studio>

1. Version to Be Updated

- e² studio versions from 2020-04 to 2022-01

To check the version of e² studio, click the [Help] menu of e² studio > [About e² studio] to open the dialog box.

2. Description of Upgrade

The main contents of the upgrade are described below. Refer to the release note below for details. The release note is available in the [Other] section in the [Documentation & Downloads] list on the e² studio product page. It will be available from Apr. 20th.

<https://www.renesas.com/search/keyword-search.html?q=R20UT5126&genre=document>

2.1 New functions, Improvements to Functionality

We have improved and changed the following.

For details about the improvements, refer to “What is new in 2022-04?” in the release note listed above.

2.1.1 New eclipse/CDT platform support

2022-04 includes a new eclipse platform and new version of CDT (C/C++ Development Tooling). Please refer to the following documents from www.eclipse.org for further information about the eclipse/CDT updates.

e ² studio version	2022-01	2022-04	
eclipse	4.21(2021-09)	4.22(2021-12)	Eclipse Project 4.22
CDT	10.4.1	10.5.0	eclipse Wiki – New in CDT 10.5

2.1.2 New versions of Smart Configurator support

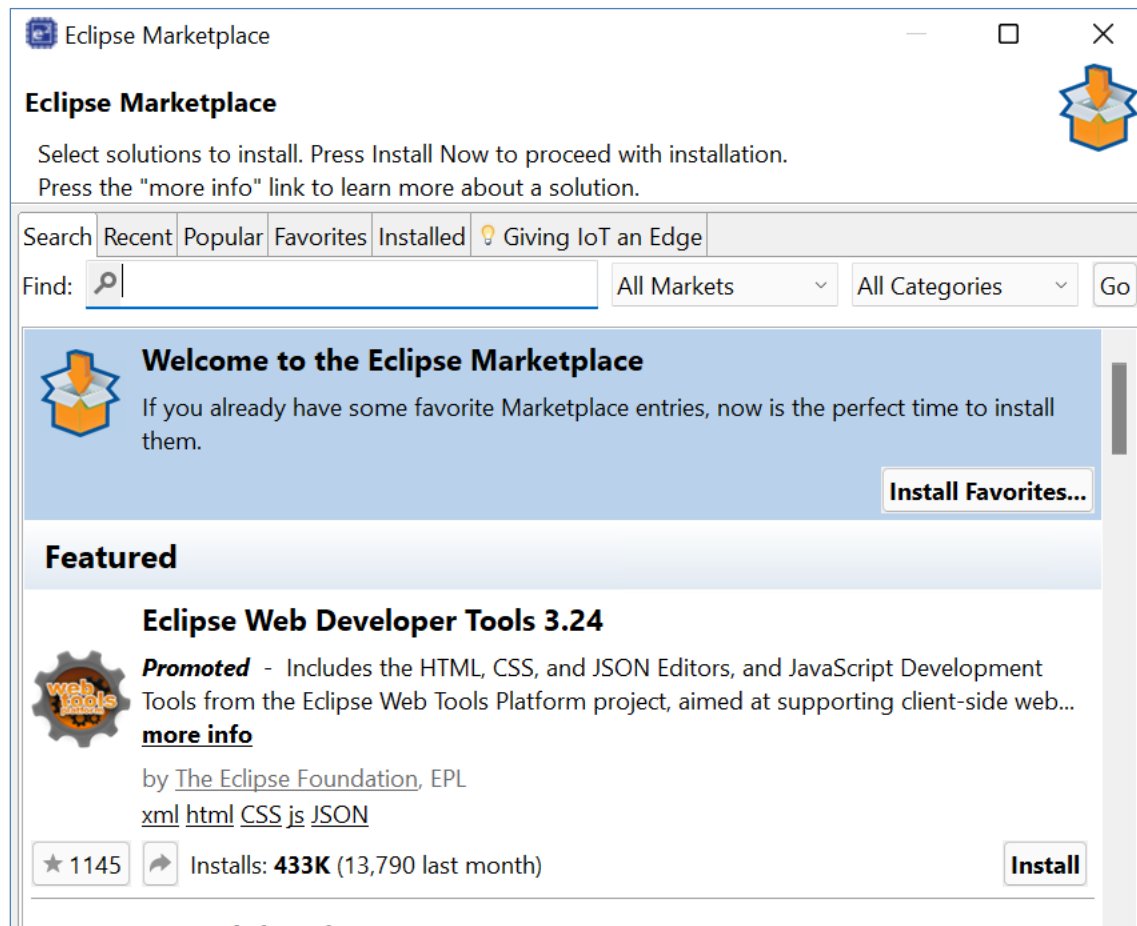
The following new versions are released and supported in e² studio 2022-04.

- Smart Configurator for RX 2.13.0
Added device support for RX66T 48pin and RX140 256KB ROM devices.
- Smart Configurator for RL78 1.3.0
Added Developer Assistance view for easier operation such as Drag and Drop API description.
Added device support for RL78/F24.

Please refer to Release Note each product for further information.

2.1.3 Added Eclipse Marketplace Client

Added interface for accessing to Eclipse Marketplace which utilize eclipse plugins easily.



2.1.4 Added Unix command executables in Utilities folder (Windows edition)

The following commands are placed in Utilities folder. Unix/Linux like scripts can be applied in Windows version of e² studio.

- mv
- rm
- sed
- sh
- xargs

3. Updating Your Product

Download the installer from the e² studio product page (the following URL) and install the program. (2022-04 will be available from Apr. 20th.)

<https://www.renesas.com/e2studio>

The installer is available in the [Downloads] section in the [Documentation & Downloads] list.

Note 1: Do not overwrite-install the installed e² studio.

Make sure that the folder path of the install destination does not include any multi-byte characters, extended ASCII (half byte character greater than 0x7f) characters or symbol characters other than "_" (underscore).

Note 2: Use this product on a 64-bit Windows OS.

This product does not work on a 32-bit Windows OS.

Note 3: For RA family and Renesas Synergy™, use the following installer that includes the software packages:

RA Family <https://github.com/renesas/fsp/releases>

Renesas Synergy™ : <https://www.renesas.com/software-tool/e-studio-renesas-synergy>

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Apr.16.22	-	First edition issued

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Corporate Headquarters

TOYOSU FORESIA, 3- 2- 24 Toyosu,
Koto-ku, Tokyo 135- 0061, Japan
www.renesas.com

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