

Release Note

Thank you for using the Renesas Electronics integrated development environment.

This document describes how to install and using the License Manager. Read this document before using the package.

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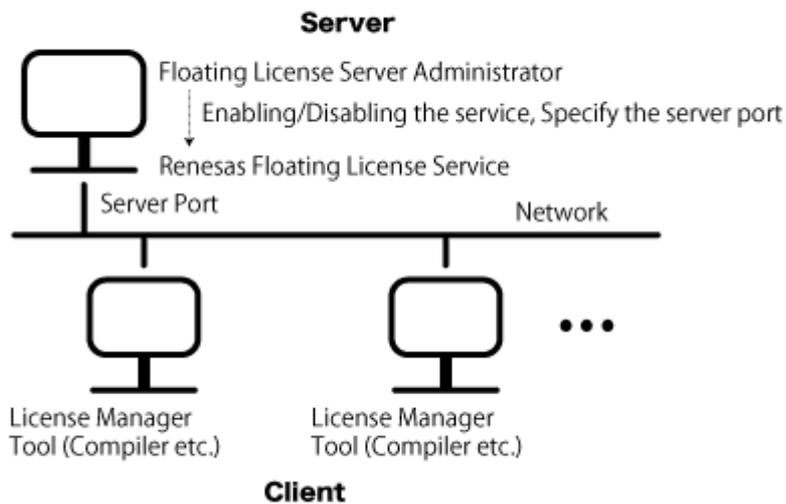
Chapter 1. System Requirements

- System: x64-based processor, 2 GHz or faster
 - Ubuntu 22.04 LTS Desktop (64-bit version)
 - Ubuntu 20.04 LTS Desktop (64-bit version)
- License Manager
 - License Manager V2.08.00 or later
 - License Manager V2.08.00 (for Linux) or later

Chapter 2. Functions

2.1 General

Node-locked and floating licenses are provided to use tools related to the integrated development environments for microcontrollers from Renesas.



Using a floating license with a tool related to the integrated development environment for microcontrollers from Renesas requires the following settings.

- Software for floating license management
 - Enter a license key to add a floating license.
 - Enable the floating license service.
- License manager started by a user who is using tools related to the integrated development environment for microcontrollers from Renesas
 - Specify the information in the PC on which the floating license service is to run.

Proceeding with the settings above enables the use of tools in any PCs on a network within the range of the number of licenses.

2.2 Related Documentation

Please read the following release note along with this document.

Document Name	Document Number
License Manager V2.08.00 Release Note	R20UT5550EJ0100
License Manager V2.08.00 (for Linux) Release Note	R20UT5552EJ0100

2.3 Glossary

Term	Description
Node-Locked License	<p>A license to be assigned to a particular PC.</p> <p>This license is managed by the license manager on the same PC on which tools related to the integrated development environment for microcontrollers from Renesas are to be executed.</p>
Floating License	<p>A license to be assigned to a server PC and used among PCs on a network.</p> <p>This license is managed by the software for floating license management on the same PC on which tools related to the integrated development environment for microcontrollers from Renesas are to be executed or on another PC.</p>
License Manager	<p>A tool for managing a license that mainly provides the following features.</p> <ul style="list-style-type: none"> ● Adding license keys for node-locked licenses ● Specifying an address and a port for the floating license service to enable the settings <p>Starting the use of a floating license in offline mode</p>
Software for Floating License Management	<p>A tool for managing the floating license service that mainly provides the following features.</p> <ul style="list-style-type: none"> ● Adding license keys for floating licenses ● Enabling floating license services <p>*Root privileges are required to use features other than those for displaying the version and usage.</p>
Floating License Service	<p>A service for providing the floating licenses to users with a limit on the period of use within the range of the number of licenses registered with the software for floating license management.</p>
Tools related to the integrated development environments for microcontrollers from Renesas	<p>This refers to tools such as compilers that require licenses. Check the state of registered licenses required for executing each tool.</p>

2.4 Installation

Specify the installer file name and enter the following in the terminal.

```
$ sudo dpkg -i renesas-floating-license-server_2.08.00_amd64.deb
```

The installation location is as follows.

```
/usr/local/renesas-mcutools-license-server/bin/
```

2.5 Uninstallation

Enter the following in the terminal.

```
$ sudo dpkg -r renesas-floating-license-server
```

If you uninstall, the following warning will be displayed because the configuration file of the Software for Floating License Management exists in the installation directory.

```
“directory '<path>' not empty so not removed”
```

If you reinstall it, you will be able to use it with the same settings, so there is no need to delete it.

If you want to delete all directories and files, delete the following directories after uninstallation.

```
/var/local/renesas-mcutools-license-server/
```

```
/usr/local/share/renesas-mcutools-license-server/
```

2.6 Using a Software for Floating License Management

2.6.1 Adding a Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --add <License key>
```

2.6.2 Checking the added Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --list
```

2.6.3 Removing a Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --delete <License key>
```

2.6.4 Enabling a floating license service

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --enable-server-setting
```

If a firewall function is enabled, allow the use of a port for the floating license server.

```
example: $ sudo ufw allow 6723
```

2.6.5 Others

For other usage methods, enter the following command in the terminal.

```
$ /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --help
```

Chapter 3. Points for Caution

3.1 Point for Caution on Floating License Services

When the settings of the floating license server are enabled by the license manager immediately after a floating license service has been enabled, the E0172011 error message may be displayed.

In such cases, re-enable the settings of the floating license server with the license manager after a few minutes.

Message: E0172011: Failed to receive response from license server.

3.2 Updating the version of the license manager

License manager V2.08.00 is required to manage floating licenses with the software for floating license management V2.08.00 for Linux. If you will be using a floating license, update the version of the license manager by downloading it from the Web page for the CS+ IDE or for the given compiler package.

[CS+ - Downloads](#)

[C Compiler Package for RL78 Family \[CC-RL\] - Downloads](#)

[C/C++ Compiler Package for RX Family \[CC-RX\] - Downloads](#)

[C Compiler Package for RH850 Family \[CC-RH\] - Downloads](#)

Revision Record

Rev.	Date	Description	
		Page	Summary
1.00	Dec 01, 2024	-	First Edition issued

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