

# QuickConnect Studio v1.6.0 to v1.7.0 Migration

## Introduction

The QuickConnect Studio (QCS) v1.7.0 release introduces architectural enhancements and an updated project management system.

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## 1. Platform Architecture Updates Driving the Migration

As part of the QCS v1.7.0 release, the QuickConnect platform is introducing important architectural enhancements that improve performance and set the foundation for future capabilities. To support these upgrades, the workspace project management system has been updated. Because of this transition, projects created in earlier versions will not be compatible with v1.7.0.

After migrating to QCS v1.7.0, users simply need to recreate the existing projects using the drag and drop method within the new project management framework. All current QCS features and workflows continue to work exactly the same – no changes are required in how you use the platform.

For more information about all the new enhancements and features introduced in v1.7.0, refer to the [QuickConnect Studio v1.7.0 Release Notes](#).

### 1.1 What to Expect

- Existing workspace projects need to be recreated using drag and drop after updating to v1.7.0.
- Rebuild the projects once and then continue working as usual within the new framework.
- No other functional changes are included in this release.

## 2. Recommended User Actions

To ensure a smooth transition to QCS v1.7.0, follow the steps as listed below:

1. Recreate your projects in QCS v1.7.0 after the version becomes available.
2. Follow the appropriate workflow below based on your project type:

#### a. Built-in QCS projects:

These include projects available directly from the QCS application palette that do not contain user specific customizations or additional code.

##### ◦ Required Actions:

After upgrading to QCS v1.7.0, recreate these projects from scratch by dropping relevant kits and building the project.

**b. Custom projects:**

These include projects that contain user-authored code, modifications, or appended files.

◦ Required Actions:

- After update, re-create the project in QCS v1.7.0.
- Apply or copy your previous customizations into the new project source code generated by v1.7.0.

*Note:* Only copy the custom portion of the code into the newly created projects in v1.7.0.

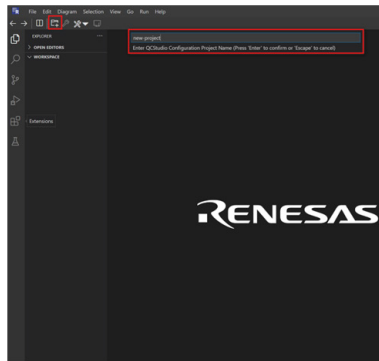
**c. Changes to configurations:**

Custom configuration changes – such as pin settings, stacks, RTOS threads, and other FSP configurations – must be recreated.

Reason: QCS v1.7.0 updates the Renesas [RA Flexible Software Package \(FSP\)](#) from version 5.9.0 → 6.1.0, resulting in the following. The configuration.xml file produced in QCS v1.7.0 is not backward compatible with files from QCS v1.6.0.

**Step 1:**

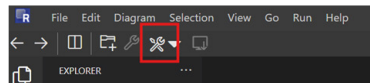
Recreate the projects after QCS v1.7.0 is released



On QCS Toolbar, click on create new project button, drag and drop the boards used in your project/s

**Step 2:**

Build the projects



On QCS Toolbar, user icon to build the project

**Step 3: For custom projects only**

Apply the customization from previous projects and build.

### 3. Best Practice Methods

Do	Do Not
Create new projects after updating	Do not attempt to rebuild, import, or open older projects in v1.7.0
Rebuild built in QCS projects from scratch	Do not assume existing projects will continue to work in v1.7.0
Save all custom code files	Do not copy entire old project directories
Copy only the custom portions of your code	Do not reuse configuration.xml files from v1.6.0 or earlier
Verify your project type	Do not expect any other changes to QCS workflows or features
Expect the same workflows and user interactions	-

## 4. Frequently Asked Questions (FAQ)

- What is the change for QCS users?

All existing projects will not be compatible with the new version of QCS. You will need to recreate projects after the v1.7.0 release.

- How does the user retain their work on QCS?

Projects created on v1.6.0 or before will still appear in user workspace after the update. However, they will result in errors upon build/compile in v1.7.0. Users will need to recreate these projects and build per instruction shared in this document.

- Will there be any downtime during deployment?

No downtime is expected during the deployment.

- How are custom projects saved?

You will need to download/copy all existing projects with customizations. Then, only copy the custom code portion into the newly created source code.

- Can a user build the project created in the previous version after the update?

No. This will result in build errors since the projects built in previous versions are not compatible with QCS v1.7.0.

- Can a user revert back to v1.6.0 after the v1.7.0 release?

No. After v1.7.0 update all QCS users can only use the latest version. There is no option to revert back to previous versions.

## 5. Support

- QCS FAQs: [QuickConnect Knowledge Base](#)
- Reach QCS technical support by submitting a ticket here: [Technical Support Services | Support Forums & Ticket Assistance](#)
- For feedback and specific platform requests for new features, email the Renesas QuickConnect team directly at [QuickConnect@dm.renesas.com](mailto:QuickConnect@dm.renesas.com)

## 6. Revision History

Revision	Date	Description
1.00	Mar 5, 2026	Initial release.

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