

Note on Using Integrated Development Environment CubeSuite+ for RX Family

When using CubeSuite+ for the RX family of MCUs, take note of the following problem:

- With debugging library projects
-

1. Products Concerned

The following products the versions of whose common program groups are V1.01.00, V1.01.01, V1.02.00, or V1.02.01 are concerned:

- CubeSuite+ license pack for RX family
- Evaluation edition of CubeSuite+ licensed for RX family

2. Description

While you are running the C/C++ compiler package and debug tools for the RX family included in the products concerned, the following error may arise if you register a library project as a sub project and then debug the main project:

```
Error(E0200001)
```

```
-----
```

```
A critical error occurred.
```

```
[Direct Error Cause]
```

```
Object reference not set to an instance of an object.
```

```
-----
```

3. Conditions

This problem arises if the following conditions are all satisfied:

- (1) The project consists of a main project and one or more sub project.
- (2) Any one of the sub projects is a library project, which generates libraries.
- (3) While you are debugging the main project, which uses libraries generated by the library project, the program halts in a source file within a library, or a breakpoint is set into or deleted from the source file.

4. Workaround

If you register a library project as a sub project, perform the following steps before debugging the main project.

- (1) To create a Debug Only project, open the Project menu and select Add -> Add New Subproject.
- (2) To activate the Debug Only project, select the name of the project displayed in the Project Tree and right-click it; a pop-up menu appears, and then click the Set "project name" as Active Project command.
- (3) To register an existing download file to the Debug Only project, select the download file under the Debug Only project displayed in the Project Tree and right-click it; a pop-up menu appears, and then open the Add menu and select Add New File command.
- (4) Connect to the debugger and debug the project.

5. Schedule of Fixing Problem

We plan to fix this problem in the next version of CubeSuite+ common program group.

[Disclaimer]

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.