[Notes]
e² studio Smart Configurator for RL78 Plug-in,
Smart Configurator for RL78

Outline

When using the products in the title, note the following points.

1. Notes when changing version of Board Support Program (BSP) or RL78 Software Integration System (SIS) modules

1. Notes when changing version of BSP or RL78 SIS modules

1.1 Applicable Products

➢ e² studio 2021-04 (Smart Configurator for RL78 Plug-in V1.0.1) or later

➢ Smart Configurator for RL78 V1.0.1 or later

1.2 Applicable Devices

RL78 family:

➢ RL78/G23

➢ RL78/F24

➢ RL78/G15

1.3 Details

After performing [Change version…] for BSP or RL78 SIS modules, version seems be changed successfully in the "Overview" summary. But actually some of the source code files are still the old version. (Refer to Figure1-1). As result, user can't aware the version unchanged and it may cause build error in some cases.
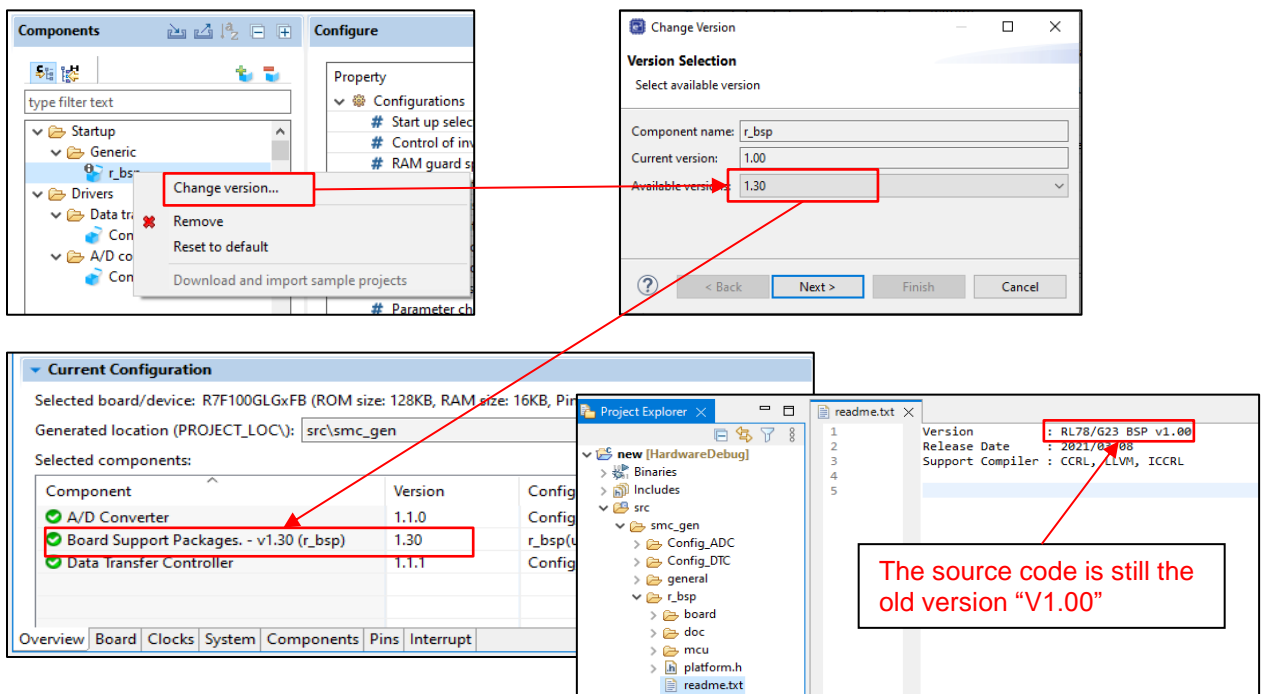

Figure 1-1 BSP/RL78 SIS module [Change version…] operation

RENESAS

1.4 Conditions

The issue occurs when any of the following conditions are met:

1. When using Smart Configurator for RL78 V1.4.0 and preferences setting [Smart Configurator] > [Component] > [Generating code] selects "Overwrite existing component"
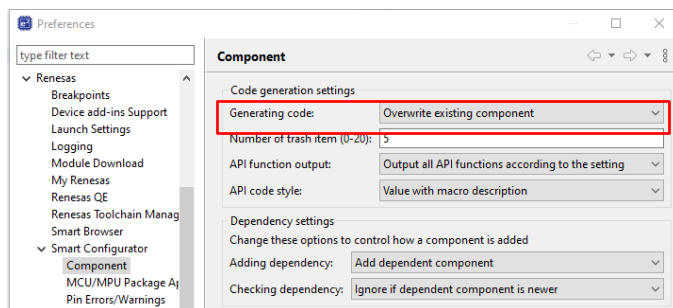

Figure 1-2 "Overwrite existing component" setting

2. When using Smart Configurator (V1.0.1 or later) and preferences setting [Smart Configurator] > [Component] > [Generating code] selects "Do nothing if component exists"
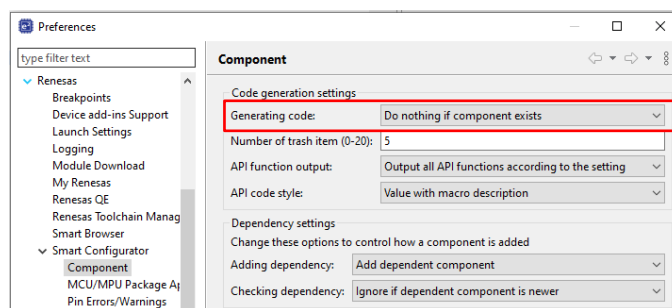

Figure 1-3 "Do nothing if component exists" setting

1.5 Workaround

For the above 2 occurred conditions described in 1.4 Condition, the workaround steps are recommended as below:

<1> Delete the specified configuration file under "r_config" folder which want to perform [Change version…].
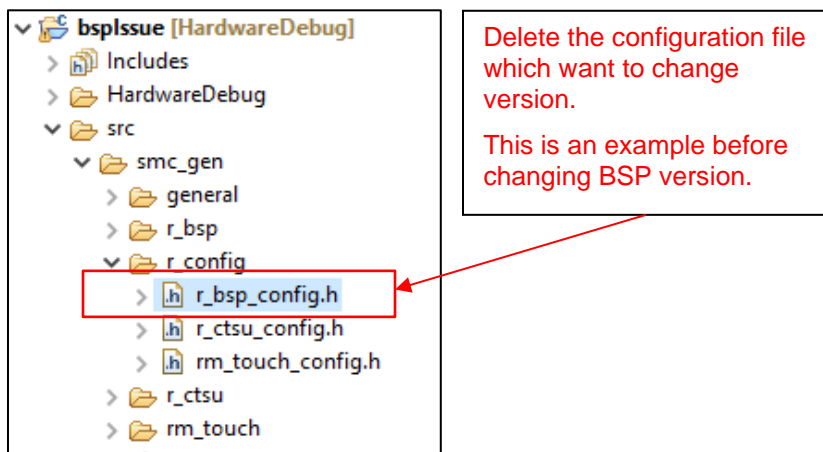

Figure 1-4 Configuration file which want to change version

<2> Change preferences [Smart Configurator] > [Component] > [Generating code] to select "Overwrite existing component". (Refer to Figure1-2)

<3> Click [Change version…] menu.

After <1>, <2>, <3>, the BSP or RL78 SIS modules files can be generated correctly as expected version.

If user clicks [Change version…] directly without step <1> and <2> , he will get the wrong version BSP or RL78 SIS files. For this case, the user can do <1> and <2>, then click [Generate Code] button. By this operation, the files can be refreshed to the correct version, too.
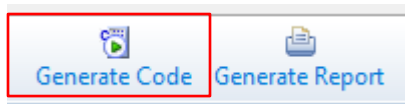

Figure 1-5 [Generate Code] button

Note : After performing the above workaround, please manually restore the previous selection of the [Smart Configurator] > [Component] > [Generating code] setting for other user operation.

1.6 Schedule for Fixing the Problem

This problem will be fixed in the next version. (Scheduled to be released in Jan 2023.)

Revision History

Rev.	Date	Description	
		Page	**Summary**
1.00	Dec.01.22	-	First edition issued

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