

[Notes]

FSP 6.0.0 not compatible with Reality AI Utilities
and QE for OTA

R20TS1159EJ0100

Rev.1.00

Jul. 20, 2025

Outline

When using either Reality AI Utilities or QE products on e² studio, note the following points.

- The following features may not function as intended on e² studio with FSP 6.0.0.
 - Both Reality AI Utilities Plugin and Standalone: Hardware in Loop (HIL) Testing.
 - QE for OTA: Initial Firmware Creation with RA MCUboot.

1. Note on usage on e² studio with FSP 6.0.0

1.1 About Reality AI Utilities

1.1.1 Applicable Products

- Reality AI Utilities V2.2.0
- FSP 6.0.0

1.1.2 Applicable Devices

- RA Family except RA8P1

1.1.3 Detail

Project fails to build in Hardware in Loop Testing plug-in.

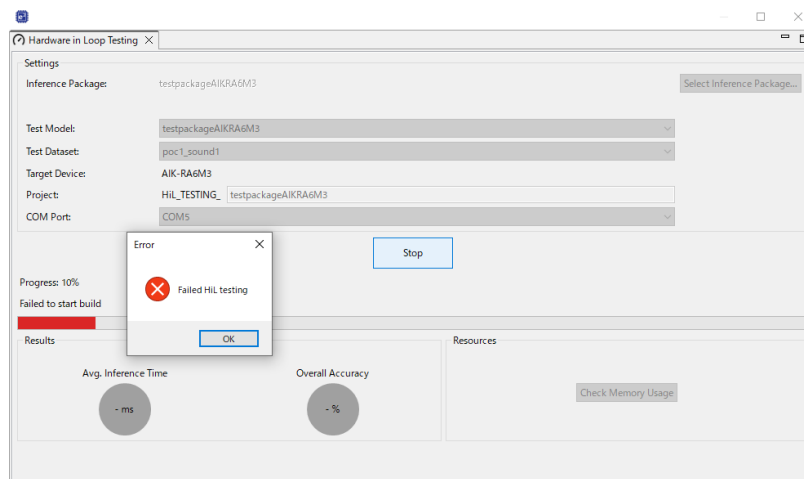


Figure1: Problem screen

1.1.4 Condition

Using Reality AI Utilities v2.2.0 Hardware in loop testing with FSP 6.0.0.

1.1.5 Workaround

Install FSP5.x instead. At least FSP5.7 or later.

[Release v5.7.0 · renesas/fsp](#)

1.1.6 Issue Resolution Timeline

This problem will be fixed in the next version. (Scheduled to be released in Aug 2025.)

1.2 About QE products

1.2.1 Applicable Products

- QE for OTA V2.2.0
- FSP 6.0.0

1.2.2 Applicable Devices

- RA Family

1.2.3 Detail

An initial firmware with MCUboot fails to create after a project built.

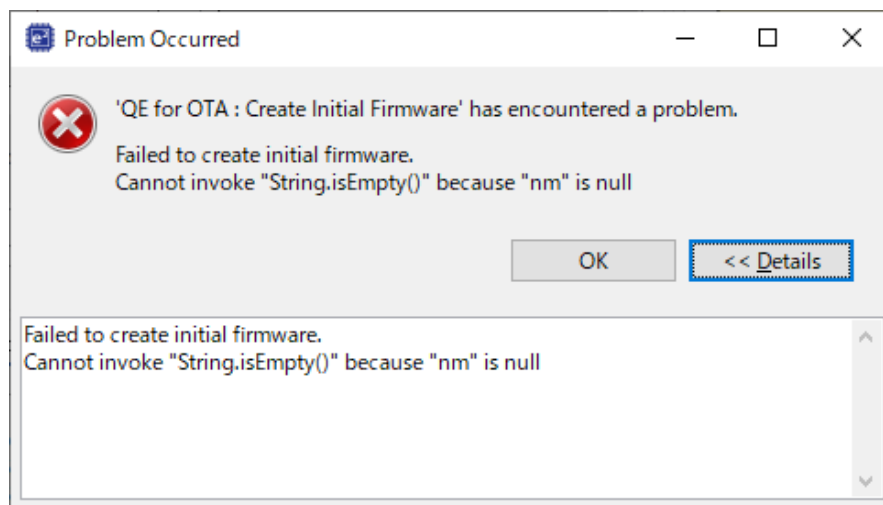


Figure2: Problem screen

1.2.4 Condition

When you try to create an initial firmware with MCUboot using QE for OTA V2.2.0 and FSP 6.0.0.

1.2.5 Workarounds

You can work around this issue in one of the following ways:

- Instead of using QE for OTA, refer to the FSP documentation to create the initial firmware and update the firmware.
- If you are using QE for OTA, use it in combination with FSP 5.9.0.

1.2.6 Issue Resolution Timeline

This problem will be fixed in the next version. (Scheduled to be released in Dec 2025.)

Revision History

Rev.14	Date	Description	
		Page	Summary
1.00	Jul.20.2025	-	First edition issued

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