

[Upgrade to Revision]

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Rev.1.00

Nov. 05, 2024

Solution Toolkit

AI Navigator V1.2.0: IDE for AI Applications

Outline

AI Navigator, an IDE for AI applications, has been updated from V1.1.0 to V1.2.0.

1. Description

For details of the update and supported devices, refer to the release note at the link below.

- AI Navigator V1.2.0 Release Note

<https://www.renesas.com/document/rln/ai-navigator-v120-release-note>

The main changes are as follows.

1.1 Addition of sample AI applications for RZ/V2H devices

The number of sample AI applications has been increased from 21 to 36. You can select one from among the various sample applications.

1.2 Addition of an IDE

RZ/V2H AI software development kit (SDK) v4.00 is now supported. In addition, you can develop AI applications in a Linux environment which has been customized on the basis of source code provided by the RZ/V AI SDK.

1.3 Enhanced transfer learning feature

RZ/V AI transfer learning tool (TLT) v4.00 is now supported.
AI Navigator has newly added support for transfer learning from the sample AI applications for RZ/V2H devices.

1.4 Enhanced conversion of AI models to executable files

DRP-AI TVM v2.2.1 is now supported. Due to the addition of a function for searching quantization parameters, TVM conversion with suppressed deterioration of accuracy is now possible.

2. Obtaining the Product

Install AI Navigator by selecting [Help] > [Install Renesas IDE Features...] in e² studio. Read the AI Navigator Quick Start Guide at the link below to learn how to install and use AI Navigator.

https://renesas-rz.github.io/rzv_ai_sdk/latest/ainavi_quick_start_guide

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Nov.05.24	-	First edition issued

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