

Release Notes

Guiliani Evaluation RZ/A1 with FreeRTOS

Product:	Guiliani-SDK for Renesas RZ/A1
Release version:	2.6
Release date:	July 31, 2024

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1 Introduction

TES Electronic Solutions is pleased to release the Guiliani GuilianiDemo, a Guiliani Application running on RZ/A1 with FreeRTOS

2 Hardware and software components

This Guiliani SDK for RZ/A1H with FreeRTOS is based on following hardware and software components:

- Renesas Starter Kit+ for RZ/A1 (Device Part No.: R7S721001 (RZ/A1H))
- TES eGML V1.6 (including NEON-optimized blitting)
- TES Guiliani V2.6
- GuilianiDemo (Guiliani Technical Showcase Demo)
- Renesas e² studio 2024-07 (including GCC 12.2.1.20221205)
- Renesas Board Support Package (including FreeRTOS V10.6.1)

3 Release contents

This release includes:

- Compiled binary for GuilianiDemo Application (Debug and Release)
- Guiliani Demo Resources
- Batch script and configuration files to flash the application
- Guiliani Libraries (including eGML-Renderer)
- FreeType 2.4.8
- Sources for StreamRuntime
- Sources for hardware dependant wrappers

4 File structure

CMake	Folder containing commonly used cmake-files
Documentation	All available documentation for the SDK (more on guiliani.de)
eGaC	Header-files needed to use within Guiliani
Export	The exported project to be used for flashing
External	Third-party libraries and headers
FlashTools	In this folder you will find a batch-file for the flashing the application and resources to your board
Guiliani	Header-files needed to use within Guiliani
Renesas	Within here you will find e2studio-projects
SR_GuilianiDemo	The Guiliani Technical Showcase Demo containing sources and the complete GSE-project in multiple resolutions
StreamRuntime	StreamRuntime-project used as a minimal project to be used with Guiliani
License compliance.pdf	License compliance document for used software parts
Quickstart-Guide Guiliani SDK running on RZA1 with FreeRTOS.pdf	Quickstart guide
TES SW Evaluation license.pdf	License for the Guiliani SDK

5 Required software

- Microsoft Windows 10
- Renesas e2studio 2024-07

For re-building the GSE including custom-extensions:

- CMake V3.8 or higher
- Microsoft Visual Studio 2017 (Express) or higher