

## **Release Notes**

### **Guiliani Evaluation RZ/A1LU with FreeRTOS10**

Product:	Guiliani-SDK for Renesas RZ/A1
Release version:	2.4
Release date:	April 1, 2021

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## 1 Introduction

TES Electronic Solutions is pleased to release the Guiliani GuilianiDemo, a Guiliani Application running on RZ/A1LU with FreeRTOS10

## 2 Hardware and software components

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

- Renesas StreamIt-board (RZ/ALU)
- TES eGML V1.6 (including NEON-optimized blitting)
- TES Guiliani V2.4
- TES Guiliani Streaming Editor (GSE)
- GuilianiDemo (Guiliani Technical Showcase Demo)
- FreeRTOS v10.0.0
- Renesas e<sup>2</sup> studio V7.8
- Renesas Board Support Package

## 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 <a href="http://guiliani.de">guiliani.de</a> )
eGaC	Header-files needed to use within Guiliani
Export	The exported project to be used for flashing
FlashTools	In this folder you will find a batch-file for the flashing the application and resources to your board
GSE	The Guiliani Streaming Editor used to edit projects running Guiliani
Guiliani	Header-files needed to use within Guiliani
Include	Header-files of third-party-libraries
InputWrapper	Input wrapper for Touch Controller on Renesas Starter Kit+ for RZ/A1. Adapt if other hardware is used.
Libraries	Pre-built versions of all used libraries for the specified platform
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
CMakeLists.txt	CMake-file for the configuration process
ReadMe.txt	Textfile containing all available documentation describing the contents
Release_Notes_Guiliani_Evaluation.pdf	This file
TES SW Evaluation license.pdf	License for the Guiliani SDK

## 5 Required software

- Microsoft Windows 7 or higher
- Renesas e2studio v7.8

For re-building the GSE including custom-extensions:

- CMake V3.8 or higher
- Microsoft Visual Studio Express Edition 2015 or higher