

## Release Notes

### Guiliani Evaluation GR-Mango with FreeRTOS

Product:	Guiliani-SDK for Renesas GR-Mango
Release version:	2.6
Release date:	August 20, 2024

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## 1 Introduction

TES Electronic Solutions is pleased to release the Guiliani GuilianiDemo, a Guiliani Application running on GR-Mango with FreeRTOS

## 2 Hardware and software components

This Guiliani SDK for GR-Mango with FreeRTOS is based on following hardware and software components:

GR-Mango Evaluation Board Kit (Device Part No.: X71A-M01-B)  
TES eGML V1.6 (including NEON-optimized blitting)  
TES Guiliani V2.6  
GuilianiDemo (Guiliani Technical Showcase Demo)  
Renesas e<sup>2</sup> studio 2024-07 (including GCC 12.2.1)  
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/using eGML-Renderer)  
FreeType 2.4.8  
Sources for StreamRuntime

## 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 GR-Mango Evaluation Board Kit. Adapt if other hardware is used.
Libraries	Pre-built versions of all used libraries for the specified platform
Renesas	Within here you will find the 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 10
- Renesas e2studio 2024-07

For re-building the GSE including custom-extensions:

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