guiliani.de

Release Notes
Guiliani Evaluation GR-Mango with mbed OS

Product:	Guiliani-SDK for Renesas GR-Mango
Release version:	2.4
Release date:	June 18, 2021

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1 Introduction

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

2 Hardware and software components

This Guiliani SDK for GR-Mango with mbed OS 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 V2.4
TES Guiliani Streaming Editor (GSE)
GuilianiDemo (Guiliani Technical Showcase Demo)
ARM mbed OS 6.4
Renesas e^2 studio v2021-04 (using GNU Tools ARM Embedded v6.3.1.2017-q2)
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/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 guiliani.de)
eGaC	Header-files needed to use within Guiliani
Export	The exported project to be used for flashing
External	Pre-built versions of all used libraries and include-files for the specified platform
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
InputWrapper	Input wrapper for Touch Controller on GR-Mango Evaluation Board Kit. Adapt if other hardware is used.
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
License compliance.pdf	All licenses regarding the software used in this SDK
Quickstart-Guide Guiliani SDK running on GR-Mango with mbed.pdf	Quickstart file
TES SW Evaluation license.pdf	License for the Guiliani SDK

5 Required software

- Microsoft Windows 10
- Renesas e2studio v2021-04

For re-building the GSE including custom-extensions:

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