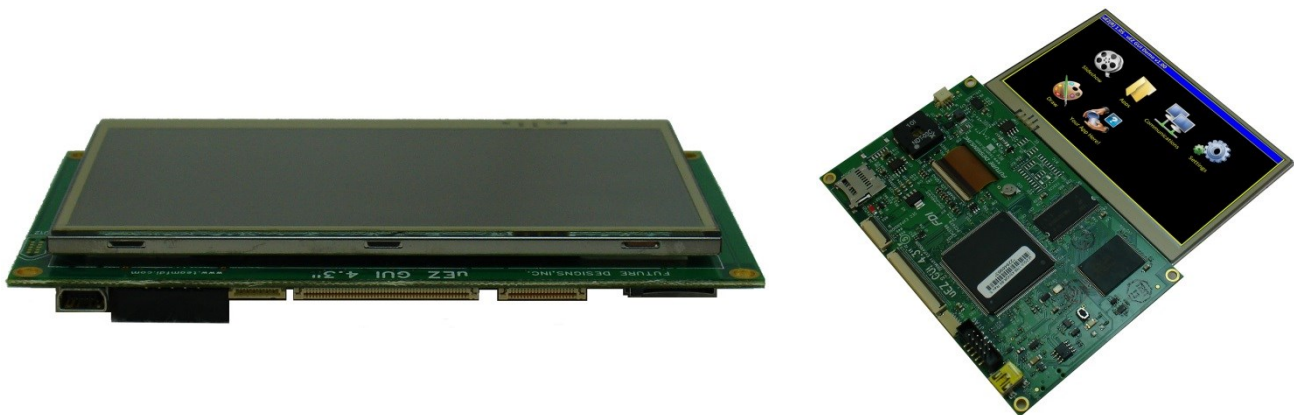# µEZ README

Covers the following products:

µEZ
µEZGUIs
DK-TS Kits

FDI Future Designs, Inc.
Your Development Partner
996 A Cleaner Way, Huntsville, AL 35805

1. Introduction

μEZ is designed to speed up software development by offering a free ready-to-use software library along with example projects and a project creation tool for FDI's off-the-shelf μEZGUIs. μEZ can also be used on custom hardware.

2. Useful links

Complete Users Manuals, Schematics, and documentation are available on the Micro SD card provided with the μEZGUI Kit and are also available from the following websites (please refer to the websites for the latest updates):

- Future Designs Support Page - www.teamfdi.com/μEZGUI
- μEZ Source Code - https://sourceforge.net/projects/μEZ/
- Segger J-Link Debugger - https://www.segger.com/jlink-software.html
- Rowley Crossworks v4.10.8 IDE download for 30-day evaluation - http://www.rowley.co.uk/arm/index.htm

3. Documentation Folder

This folder contains documentation for μEZ and various users' guides. Please read the "uEZ Software Quickstart Guide v2.06" to learn how to compile μEZ software projects.

4. μEZ Folder

The μEZ folder contains the μEZ library, processor, and platform files. This is the core of μEZ. μEZ library projects must be compiled before application projects. See uEZ/License.txt for the most up-to-date license.

5. μEZDemos Folder

The μEZDemos folder contains FDI provided demo applications designed specifically for off-the-shelf μEZGUIs. Each μEZGUI has projects inside of the "uEZDemos\Build\FDI\uEZGUI" folder.
Currently the following IDEs are supported: IAR EW ARM v9.32 and Rowley CrossWorks for ARM v4.10.8.

6. μEZ Project Maker

The μEZ Project Maker is an application for Windows/Wine that assists in creating a bare-bones "hello world" style project with an emWin GUI. **The project maker should be used to start new application development.** In addition, a "Test" project can also be created with additional examples, such as USB Flash drive/SD card storage format and test screen. Documentation is provided inside the documentation folder.
The application is located here: μEZProjectMaker.exe (For Linux run uEZProjectMakerLinux.sh)

7. SEGGER GUIBuilder

An NXP® MCU licensed copy of SEGGER GUIBuilder.exe is included in uEZ/Source/Library/GUI/SEGGER/emWin/Libraries/NXP/UtilityTools. This application allows for easily creating a GUI screen that can be dropped into the μEZ Project Maker projects to help speed-up application development. This tool has been updated to support editing an existing GUI c file. As an example, the AWS demo screen can be edited in the GUI editor and regenerated without breaking the existing window calls, leaving the user code lines intact.

8. Tools Folder

The tools folder contains various PC tools that might be useful with μEZ.

9. uEZTemplates Folder

The uEZTemplates folder contains the templates used by μEZ Project maker. It should be left unmodified for proper μEZ Project Maker usage.