Freescale Semiconductor, Inc.
Release Notes

Kinetis SDK Project Generator 2.0 GA Release

1 Purpose

This document describes the Kinetis SDK (KSDK) Project Generator 2.0 GA release. It covers the features and known issues.

2 Overview

This software tool is a supplement to the KSDK. It is intended to provide users with a convenient method for generating KSDK based projects for their intended target hardware.

Contents

3   What's new in this update

This version contains following changes:

- SDK 2.0 Support

4   Prerequisites

The KSDK Project Generator requires the user to install an instance of KSDK 1.2.0, 1.3.0 or 2.0.0 before generating new projects. Visit www.freescale.com/ksdk to get the Kinetis SDK.

5   Features

The following features are available with the KSDK Project Generator 1.0 GA tool:

- Cross platform
    - Operates on Windows, Linux, and Mac OSX
    - Developed in 32-bit Python 2.7 on Windows 7, Ubuntu 14.10, OSX 10.10 & 10.11
- Supports KSDK 1.2.0, 1.3.0 and 2.0.0
- Quick Generate of development board based KSDK projects
- Advanced Generate of New KSDK based projects
    - Device or development board based
    - Linked to KSDK installation or standalone
    - RTOS support
    - HAL or Platform library level projects (for KSDK 1.2, 1.3)
    - Libraries in standalone projects tailored to device package
    - KDS, IAR, Keil MDK, and/or Atollic TrueSTUDIO IDE projects
    - Advanced Generate of KSDK 'demo_apps' Clones
    - Clone projects located in 'demo_apps' folders for each development board
    - Linked to KSDK installation or standalone clones

6 Known Issues

The following are known issues in the KSDK Project Generator 2.0 GA release:

- In Windows, DPI magnification causes GUI to show more 'blank' space. This should not affect operation, but will change aesthetics on Windows machines running DPI magnification.

- Cloned projects are copied into new folder 'user_apps' by default, and names are not changed. This means that only one copy of a project can be copied into a folder. To have multiple copies, the user will need to create multiple 'standalone' clones in different folders.

7 Getting Started

Get started by downloading the KSDK_Project_Generator_2.0_GA.zip package from KSDK web page, then unzip the package to a location of your choosing on your host machine. To run, open up the folder for your operating system and execute the 'KSDK_Project_Generator' application. Once the application is running, make sure to point the tool to a valid KSDK 1.2.0, 1.3.0 or 2.0.0 installation.

8 Target system configurations

This product has been tested on the following system configurations:

8.1 Operating Systems

- Windows 7 32-bit,
- Linux Ubuntu 14.10 64-bit
- Mac OS X 10.10 or 10.11

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