



# Intel® Firmware Engine Software Developer Kit

Intel® Firmware Engine SDK Release 3.0

May 24, 2017

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## FILE LIST

"Release Notes SDK 3.0 .pdf"

This File. Release note for the Intel® Firmware Engine SDK Release version 3.0.0 package.

"IntelFirmwareEngineSDKSetup\_3\_0.exe"

The installer for the Intel® Firmware Engine Software Developer Kit.

-- C:\SDK<sup>1</sup>

C:\SDK \ ...Pkg\

Source code package directories

-- C:\SDK\ Documents

"Intel(R)\_Firmware\_Engine\_SDK.pdf"

Software Development Kit (SDK) that describes the software development tasks required to produce Intel® Firmware Engine compatible binary packages

"Intel(R)\_Firmware\_Engine\_SDK\_Quick\_Start\_Guide.pdf"

SDK Quick start guide

<sup>1</sup>. Directory created by installer – User determined

## INSTALL INSTRUCTIONS

1. Install Intel® Firmware Engine Release 3.0 ([Intel® Firmware Engine R3.0.zip](#)) or later if not installed already, see install instructions [Install Instructions.pdf](#) . Follow the getting started steps in the Intel® Firmware Engine Quick Start Guide ([Quickstartguide R3.0 English.pdf](#)).

2. Extract Intel(R) Firmware Engine SDK Release R3.0.zip to a temporary directory. **NOTE:** Make sure the temporary directory has a short name and no spaces, i.e. C:\TEMP.
3. Run the **IntelFirmwareEngineSDKSetup\_3\_0\_.exe** to install the application. This will create a directory (default: C:\SDK) and install source and the documentation. Follow the getting started steps in the Intel® Firmware Engine SDK quick start guide in the \Documents folder (Intel(R)\_Firmware\_Engine\_SDK\_Quick\_Start\_Guide.pdf)

## NEW FEATURES AND CHANGES

1. A single tool to add metadata necessary to create an Intel® Firmware Engine compatible platform.
2. New checks for packages that are not compatible (maybe help to make them compatible prior to adding the metadata).
3. Removal of the creation of the UEFI driver template functionality. Please use the [UEFI Driver Wizard](#)

## KNOWN LIMITATIONS

1. The CryptoPkg package and the library for OpensslLib must be downloaded prior to building. This package is part of the [UDK2015](#) and instructions for including the OpensslLib are found <UDK2015\_WorkSpace>\CryptoPkg\Library\Patch-HOWTO.txt.
2. Users should make a copy of their workspace source packages before using the SDK tool.
3. If MakeBinPkg fails while running UEFI Package Tool (UPT) manually, the User should try executing the UPT tool (using the same .ini file for the -t template\_file options) on their source tree. That should help identify any issues with errors.
4. The SDK tool allows viewing of the GPIO table settings but does not allow editing of the GPIO settings. Please refer to the SDK Users guide for how to make changes to the GPIO table
5. The SDK will show "Save changes" pop up message frequently when changing from screen to screen but not on all screens. Be sure to save your work frequently.
6. The following DEC sections cannot be added from within the SDK tool:
  - a. Packages
  - b. HardwarePcdCategory
  - c. Single protocols and PPIs
  - d. Single GUID

\* Other names and brands may be claimed as the property of others.

[END OF RELEASE NOTES]