Release Notes for CrossCore Utilities

1.7.0

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1 Introduction

CrossCore Utilities is a collection of utilities for use with Analog Devices processors, in conjunction with CrossCore Embedded Studio, IAR or Keil development tools.

CrossCore Utilities includes the following tools:

- `ccsfp` (CrossCore Serial Flash Programmer): GUI and command line utility for programming processor flash memory via UART serial connections.

- `elf2ldr`: Command line utility for converting ELF-format executables into the loader stream ("ldr") format suitable for booting ADSP-CM40x processors, or for dynamic loading with the libldr library available in the Board Support Packages of some processors.

- `crctool`: Command line utility for calculating and inserting cyclic redundancy check (CRC) values as required by the boot integrity checks of ADSP-CM41x, ADuCM302x and ADuCM4x50 processors.

A CrossCore Embedded Studio license is not required in order to use CrossCore Utilities.

2 News

- This release adds flash programming support for SC598 boards

3 Installation

The install location can be chosen during installation.

- The default is `C:\Analog Devices\CrossCoreUtilities-Rel1.7.0`.

The installation contains the following directories:

- bin: Contains the utility executables.
- etc: Collateral such as example files for CCSFP.
- src: Sources for the utilities, and the CCSFP flash programmer second stage kernels.
- Docs: Documentation.

4 Documentation

Each of the utilities is documented in its own PDF file in the Docs folder.

5 Technical support

You can reach Analog Devices software and tools technical support in the following ways:

- Post your questions in the software and development tools support community at EngineerZone®.

- E-mail your questions about tools to processor.tools.support@analog.com.

- E-mail your questions about processors and processor applications to processor.support@analog.com.

- Submit your questions to technical support directly via http://www.analog.com/support.

- Contact your Analog Devices sales office or authorized distributor.