

Security Utility (SECUTIL)

Release Notes

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SECUTIL 1.0

Introduction

The Security Utility component provides read and write memory operations for the security components. The macros supplied by the component allow portability between processor targets using different memory location sizes and Endian format.

Documentation

Secutil Doxygen Document:
<ti/mas/secutil/docs/doxygen/SECUTIL.chm>

New This Release

Initial release

- Read and write memory operation support of security components
 - o C54 targets
 - o C55 targets
 - o C64 targets
 - Big endian
 - Little endian
 - o c64x+ targets
 - Big endian
 - Little endian

Upgrade and Compatibility Information

None.

Device Support

C64x+ Targets

- Tomahawk (TCI 6486)
 - o Big endian
 - o Little endian
- Himalaya (TCI 6482, 6455)
 - o Big endian
 - o Little endian

Validation Information**Component Dependencies****SECUTIL**

- ti.mas.types 4.1.0.1 (Common data type definitions)
- ti.mas.swtools 3.1.0.2 (Internally used s/w tools)

Tool Dependencies

- XDCVERSION = xdc_3_00_04
- COVERITY VERSION = prevent-mingw-3.8.0
- C54 CODEGENVERSION = 4-10
- C55 CODEGENVERSION = cgen401
- C64 CODEGENVERSION = cgen6_0_15
- SDO ARCHITECTURE = sdoarch_standards_1_00_00_05
- XDAISVERSION = xdais_5_21
- XDCCGROOT = C:/tools/
- DOXYGENVERSION = 1.5.1-p1
- GRAPGVIZVERSION = 2.12
- HTMLHELPWORKSHOP = 10-01-2007
- TITEMPLATES = 10-01-2007

Compiler Options

Please view the SECUTIL package.bld file located in ti/mas/secutil directory.

Known Issues

None.

Benchmarks

None.

Versioning

The component version definition can be found at the following site under section 'Compatibility Keys and Version Numbers':

<https://twiki.dal.design.ti.com/twiki/bin/view/ASP/DSPS/Germantown/GTComponentGuidelinesC2>

Technical Support and Product Updates

Contact local TI Field Application Engineer for technical support.

AES component information can be found at the following location:

<https://twiki.dal.design.ti.com/twiki/bin/view/ASP/DSPS/Germantown/TiMasSecutil>