

TI Software

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.

Known Issues

None.

Documentation

The following documentation is available:

- [SECUTIL API Documentation](#)
secutil/docs/doxygen/SECUTIL.chm

New This Release

Current Changes

The following changes have been made in release 1.0.0.1:

- Removed package.bld and makedocs.mk from release package to allow building of obj release from source delivery package.

Previous Changes

Release 1.0.0.0 provides the following:

- Read and write memory operation support of security components

- c64x+ targets
 - Big endian
 - Little endian

Upgrade and Compatibility Information

Compatibility Key Definitions

Compatibility keys are intentionally independent of Marketing product numbers and are intended to:

1. Enable tooling to identify incompatibilities between components, and
2. Convey a level of compatibility between different releases to set end user expectations.

Compatibility keys are composed of 4 comma-delimited numbers - M,S,R,P - where:

- **M = Major.** A difference in M indicates a break in compatibility.
- **S = Source.** A difference in S indicates source compatibility. That is, the user's source doesn't require change, but *does* require rebuilding.
- **R = Radix.** A difference in R indicates an introduction of new features, but compatibility with previous interfaces has not broken. If libraries are provided by the package, an application must re-link with the new libraries, but not rebuild from source.
- **P = Patch.** A difference in P indicates that only bugs have been fixed in the latest package and no new features have been introduced. If libraries are provided by the package, an application must re-link with the new libraries, but is not required to recompile its source.

Device Support

This release supports the following device families:

- C64P

Validation Information

This release was built and validated using the following:

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 for Source Release

- XDCVERSION = xdc_3_00_04

- COVERITY VERSION = prevent-mingw-3.8.0
- 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

Benchmarks

The following benchmarks were taken for the release:

- None.

Versioning

Version Information:

Version Information is composed of 4 comma-delimited numbers – V, R, X, P - where:

- **V = Version** - Substantial difference from the last release.
- **R = Revision** – Minor difference from the last release.
- **X = External Vertical** – Vertical specific release.
- **P = Patch** - For any release other than mentioned above.

Technical Support and Product Updates

Contact local TI Field Application Engineer for technical support.