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Mx - ZPL

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## **AES**

Applicable components: openssl 3.0.13

rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen

@author Antoon Bosselaers

@author Paulo Barreto

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**alloca**

Applicable components: coreutils 9.4; grep 3.11; sed 4.9

alloca.c -- allocate automatically reclaimed memory

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(Mostly) portable implementation -- D A Gwyn

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## **alloca**

Applicable components: gnutls28 3.8.3

alloca.c -- allocate automatically reclaimed memory

(Mostly) portable public-domain implementation -- D A Gwyn

This implementation of the PWB library alloca function, which is used to allocate space off the run-time stack so that it is automatically reclaimed upon procedure exit, was inspired by discussions with J. Q. Johnson of Cornell. J.Otto Tennant <jot@cray.com> contributed the Cray support.

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Applicable components: libxcrypt 4.4.36

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This is the header file for the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

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Applicable components: gnutls28 3.8.3

Constant-time SSSE3 AES core implementation.  
version 0.1

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Applicable components: binutils 2.42

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Version 3, 29 June 2007

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```
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Version 3, 29 June 2007

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The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with

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Applicable components: xz-utils 5.6.1+really5.4.5

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libvpaes: constant-time SSSE3 AES encryption and decryption.  
version 0.5

By Mike Hamburg, Stanford University, 2009. Public domain.  
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<http://burtleburtle.net/bob/c/lookup3.c>

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Applicable components: libseccomp 2.5.5

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<https://github.com/aappleby/smhasher>

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Applicable components: e2fsprogs 1.47.0

M.Weller (eowmob@exp-math.uni-essen.de) 13.11.1994.

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Applicable components: openssl 3.0.13

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Applicable components: curl 8.5.0; freetype 2.13.2+dfsg; libxcrypt 4.4.36

This is an OpenSSL-compatible implementation of the RSA Data Security, Inc.

MD4 Message-Digest Algorithm (RFC 1320).

MD5 Message-Digest Algorithm (RFC 1321).

Homepage:

<http://openwall.info/wiki/people/solar/software/public-domain-source-code/md4>

<http://openwall.info/wiki/people/solar/software/public-domain-source-code/md5>

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### **start stop daemon**

Applicable components: dpkg 1.22.6ubuntu6.1

Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>, public domain. Based conceptually on start-stop-daemon.pl, by Ian Jackson <ijackson@gnu.ai.mit.edu>. May be used and distributed freely for any purpose. Changes by Christian Schwarz <schwarz@monet.m.isar.de>, to make output conform to the Debian Console Message Standard, also placed in public domain. Minor changes by Klee Dienes <klee@debian.org>, also placed in the Public Domain.

Changes by Ben Collins <bcollins@debian.org>, added --chuid, --background and --make-pidfile options, placed in public domain as well.

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### **tinycdb**

Applicable components: gnupg2 2.4.4

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### **ToddMiller MD4**

Applicable components: libmd 1.1.0

This code implements the MD4 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish. Todd C. Miller modified the MD5 code to do MD4 based on RFC 1186.

Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

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Applicable components: gnutls28 3.8.3

Helper functions for ECC handling based on public domain code by Tom St. Dennis.

## **Tso**

Applicable components: e2fsprogs 1.47.0; krb5 1.20.1

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WjCryptLib\_Sha256

Implementation of SHA256 hash function.

Original author: Tom St Denis, tomstdenis@gmail.com, <http://libtom.org>

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