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Touch Panel 6

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

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hash.c: chained hash tables

list.c: lists handling implementation

trio.c

Reference: Your favorite introductory book on algorithms

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0.9.0; open-amp 1.5; OpenCL; openssl 3.0.10; OpenWnn; OpenWnn 1.36; pause-stream 0.0.11; PinyinIME; PinyinIME 1.0; Python 3.10.12; qrcode-terminal 0.12.0; qtbase 6.5.1; remapping 2.2.1; request 2.88.2; simba 0.6.0; spdx-correct 3.1.1; tcime; Traditional Chinese IME (tcime); tunnel-agent 0.6.0; typescript 4.7.4; v8 9.4.146.19; validate-npm-package-license 3.0.4; Vulkan API Registry 1.3.223; vulkan-loader 1.2.182; wasm-api 0; wpewebkit 2.38.2

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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Colin Plumb MD5 (ColinPlumb-MD5)

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Version 2.1, February 1999

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Version 2.1, February 1999

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it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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Applicable components: busybox 1.35.0

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...

A damn useful little "backend" utility begun 950915 or thereabouts, as *Hobbit*'s first real stab at some sockets programming. Something that should have and indeed may have existed ten years ago, but never became a standard Unix utility. IMHO, "nc" could take its place right next to cat, cp, rm, mv, dd, ls, and all those other cryptic and Unix-like things.

Norman Declaration license

Applicable components: xkeyboard-config 2.35.1

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Applicable components: busybox 1.35.0; ntp 4.2.8

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Applicable components: firmware-imx-8.17; imx-gpu-g2d 6.4.3.p4.4; imx-gpu-viv 6.4.3.p4.4-aarch64

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Tim Kientzle, February 2009.

Header comment from original getdate.y:

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Applicable components: libsolv 0.7.22; libxcrypt 4.4.30; linux-imx 5.15.52; mesa 18.0.0; ntp 4.2.8; openssh 8.9; util-linux 2.37.4

SHA-1 in C
By Steve Reid <sreid@sea-to-sky.net>

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rijndael-alg-fst.c v2.3 April '2000

Optimised ANSI C code

authors: v1.0: Antoon Bosselaers

v2.0: Vincent Rijmen v2.3: Paulo Barreto

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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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Tree search for red/black trees.

The algorithm for adding nodes is taken from one of the many "Algorithms" books by Robert Sedgewick, although the implementation differs.

The algorithm for deleting nodes can probably be found in a book named "Introduction to Algorithms" by Cormen/Leiserson/Rivest. At least that's the book that my professor took most algorithms from during the "Data Structures" course...

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Originally Twofish for GPG

By Matthew Skala <mskala@ansuz.sooke.bc.ca>, July 26, 1998

256-bit key length added March 20, 1999

Some modifications to reduce the text size by Werner Koch, April, 1998

Ported to the kerneli patch by Marc Mutz <Marc@Mutz.com>

Ported to CryptoAPI by Colin Slater <hoho@tacomeat.net>

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This module handles the logging of requests.

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- (C) -> (c-'0') <u 10
- (C) -> c <u 128
- $(C) \rightarrow cttz(c) + 1$
- (C)) << 3. Likewise for any pow2/0
- (C) +y) iff c is power of 2
- (C) << 3. Likewise for any pow2/0

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(C) a1 = a1*a0*b0 + (8*a1*a1)*b1

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