







PTP 550



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#### Lzma

LZMA SDK 4.65

LZMA SDK provides the documentation, samples, header files, libraries, and tools you need to develop applications that use LZMA compression.

LZMA is default and general compression method of 7z format

in 7-Zip compression program (www.7-zip.org). LZMA provides high compression ratio and very fast decompression.

LZMA is an improved version of famous LZ77 compression algorithm. It was improved in way of maximum increasing of compression ratio, keeping high decompression speed and low memory requirements for decompressing.

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LZMA SDK Contents

LZMA SDK includes:

- ANSI-C/C++/C#/Java source code for LZMA compressing and decompressing
- Compiled file->file LZMA compressing/decompressing program for Windows system

#### nat46

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## **Rpcd**

rpcd - UBUS RPC server

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libuci - Library for the Unified Configuration Interface

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### Uhttpd

uhttpd - Tiny single-threaded httpd

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### Using

usign - tiny signify replacement

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#### Bc.

A Bison parser, made by GNU Bison 2.1.

Skeleton parser for Yacc-like parsing with Bison,

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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.6 of 6 September 2010

#### conntrack-tools

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curve25519-donna: Curve25519 elliptic curve, public key function

http://code.google.com/p/curve25519-donna/

Adam Langley <agl@imperialviolet.org>

Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

More information about curve25519 can be found here http://cr.yp.to/ecdh.html djb's sample implementation of curve25519 is written in a special assembly language called qhasm and uses the floating point registers.

This is, almost, a clean room reimplementation from the curve25519 paper. It uses many of the tricks described therein. Only the crecip function is taken from the sample implementation.

#### **Ebtables**

ebtables.c, v2.0 July 2002

Author: Bart De Schuymer

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Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I \*want\* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

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Willy Tarreau - w@1wt.eu

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Iperf performance test Mark Gates

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# **Iptables**

Author: Paul.Russell@rustcorp.com.au and mneuling@radlogic.com.au

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Based on the ipchains code by Paul Russell and Michael Neuling

iptables -- IP firewall administration for kernels with firewall table (aimed for the 2.3 kernels)

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An utility to create UBI volumes.

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