New in Tcllib 1.7

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Tcllib 1.7

Module Package New Version Comments

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asn 0.1 Partial ASN de- & encoder.

bee 0.1 B de- & encoder (BitTorrent Serialization)

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dns ip 1.0.0 IP address manipulation

spf 1.1.0 Sender Policy Framework

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grammar\_fa grammar::fa 0.1 Finite Automaton Container

grammar::fa::dacceptor 0.1 FA acceptor

grammar::fa::dexec 0.1 FA interpreter

grammar::fa::op 0.1 FA operations

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http autoproxy 1.2.0 Http proxy

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ident 0.42 RFC 1413 IDENT client

jpeg 0.1 JPEG images, meta data manipulation

ldap 1.2 RFC 2251 LDAP client

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math math::complexnumbers 1.0 Complex number arithmetics

math::constants 1.0 Important mathematical constants

math::interpolate 1.0 Interpolation for n-dimensional data

math::polynomials 1.0 Polynomial arithmetics

math::rationalfunctions 1.0 Arithmetics on rationals over polynomials

math::special 0.1 Bessel functions, Elliptics, ...

math::fourier 1.0 Fourier Transform

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png 0.1 PNG images, meta data manipulation

rc4 1.0.0 RC4 stream cipher

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ripemd ripemd128 1.0.0 RIPEMD Hash algorithm

ripemd160 1.0.0

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tar 0.1 Tar file creation & manipulation

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tie tie 1.0 Persistence for Tcl arrays.

tie::std::array 1.0 Various data sources for the

tie::std::dsource 1.0 persistence.

tie::std::file 1.0

tie::std::log 1.0

tie::std::rarray 1.0

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treeql 1.1 Tree Query Language, CoST inspired

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uuid 1.0.0 Generation of universally unique identifiers

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Changes from Tcllib 1.6 to 1.7

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Legend

API: \*\* incompatible \*\* API changes. > Implies change of major version.

EF : Extended functionality, API. > Implies change of minor verson.

B : Bug fixes. \

D : Documentation updates. > Implies change of patchlevel.

EX : New examples. >

P : Performance enhancement. /

TS : Test suite fix /

Tcllib 1.6.1 Tcllib 1.7

Module Package Old version New Version Comments

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base64 base64 2.3 2.3.1 D

uuencode 1.1.1 1.1.2 B

yencode 1.1 1.1.1 D

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crc crc32 1.1.1 1.2 BF

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cmdline 1.2.2 1.2.3 D, TS

comm 4.2 4.2.1 D

counter 2.0.2 2.0.3 B, P

des 0.8.1 0.8.2 P

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dns dns 1.1 1.2.0 B, EF (ipv6)

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doctools doctools 1.0.2 1.1 D, B, P, EF

- changelog 0.1 0.1.1 D

- cvs 0.1 0.1.1 D

- idx 0.1 0.2 D, B, EF

- toc 0.1 0.2 D, B, EF

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exif 1.1.1 1.1.2 B

fileutil 1.6.1 1.7 EF, D, TS

ftpd 1.2.1 1.2.2 B

html 1.2.2 1.2.3 D

htmlparse 1.0 1.1 B, EF (empty tags)

irc 0.4 0.5 P, EF (logger)

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log log 1.1.1 1.2 D, EF

logger 0.3 0.5 B, EF

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math - calculus 0.5.1 0.6 EF (regula falsi)

- optimize 0.1 0.2 EF

- statistics 0.1.1 0.1.2 P

- geometry 1.0.1 1.0.2 D

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mime mime 1.3.6 1.4 Sync

smtp 1.3.6 1.4 D, EF (auth, sasl)

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ntp time 1.0.3 1.1 B

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pop3 1.6.1 1.6.2 TS

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pop3d pop3d 1.0.2 1.0.3 B (md5 switch)

- dbox 1.0.1 1.0.2 TS

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smtpd 1.2.1 1.3.0 B, EF (secure)

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snit 0.93 0.97 API, EF (macros, pragmas, hierarchical)

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struct 2.0 2.1 Exploded into many packages

- graph 2.0 B

- list 1.4 --

- matrix 2.0 B

- pool 1.2.1 --

- prioqueue 1.3 --

- queue 1.3 B

- record 1.2.1 B

- set 2.1 B

- skiplist 1.3 P

- stack 1.3 B

- tree 2.0 B, EF

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textutil textutil 0.6.1 0.6.2 B

- expander 1.2.1 1.3 TS, D, B, EF (location)

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uri uri::urn 1.0.1 1.0.2 B

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Unchanged Modules/Packages

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calendar, crc (cksum, crc16, sum), control, csv, dns (resolv),

ftp (ftp, ftp::geturl), inifile, javascript, math (math::fuzzy), md4,

md5, md5crypt, multiplexer, ncgi, nntp, profiler, report, sha1,

soundex, stoop (stooop, switched), pop3d (pop3d::udb), uri