New in Tcllib 1.8

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Tcllib 1.8

Module Package New Version Comments

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aes aes 1.0.0 AES Encryption

bibtex bibtex 0.5 Processing of BibTeX bibliographies

blowfish blowfish 1.0.0 Blowfish Encryption

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des tclDES 1.0.0 DES encryption

tclDESjr 1.0.0

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docstrip docstrip 1.2 Literate programming tools

docstrip::util 1.2

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fumagic fileutil::magic::filetype 1.0 File types basic on magic numbers.

fileutil::magic::mimetype 1.0

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grammar\_me grammar::me::cpu 0.1 Match Engine. Foundation for

grammar::me::cpu::core 0.1 parsers.

grammar::me::tcl 0.1

grammar::me::util 0.1

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grammar\_peg grammar::peg 0.1 Container for Parsing Expression

grammar::peg::interp 0.1 Grammars, PEG interpreter.

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log logger::appender 1.2 Utilities for logger.

logger::utils 1.2

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math math::bigfloat 1.2 Arbitrary-precision floating point.

math::linearalgebra 1.0 Matrix & vector processing.

math::roman 1.0 Handling of roman numerals.

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page page::analysis::\* 0.1 Parser generator packages. Plugin

page::config::peg 0.1 based. Can be used for arbitrary

page::gen::\* 0.1 text processing as well because

page::parse::\* 0.1 of that.

page::pluginmgr 0.1

page::reader::\* 0.1

page::transform::\* 0.1

page::util::\* 0.1

page::writer::\* 0.1

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pluginmgr pluginmgr 0.1 Generic plugin management.

rcs rcs 0.1 Processing of RCS patches.

sha sha256 1.0.1 Extended SHA hash

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sasl SASL 1.0.0 Simple Authentication & Security Layer

SASL::NTLM 1.0.0

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snit snit 2.0 Snit for Tcl 8.5

units units 2.1 Unit conversions.

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Changes from Tcllib 1.7 to 1.8

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Legend

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

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

I : Major rewrite, but no API change/

B : Bug fixes. \

D : Documentation updates. > Implies change of patchlevel.

EX : New examples. >

P : Performance enhancement. /

TS : Test suite fix /

Tcllib 1.7 Tcllib 1.8

Module Package Old version New Version Comments

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asn asn 0.1 0.4 EF, B, TS, D

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base64 uuencode 1.1.2 1.1.3 TS

base64 2.3.1 2.3.2 D

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cmdline cmdline 1.2.3 1.2.4 B, TS

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comm comm 4.2.1 4.3 D, EF

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control control 0.1.2 0.1.3 TS

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counter counter 2.0.3 2.0.4 B

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crc crc32 1.2 1.3 TS, B, I

crc16 1.1 1.1.1 B

cksum 1.0.1 1.1.0 D, TS, I

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csv csv 0.5.1 0.6 TS, EF

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des des 0.8.2 1.0.0 \*\* API \*\*, Import tclDES(jr), s.a.

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dns ip 1.0.0 1.1.0 EF, D

dns 1.2.0 1.3.0 B, D, EF

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doctools doctools 1.1 1.2 EF, B, TS

- idx 0.2 0.2.1 B, TS

- toc 0.2 0.2.1 B, TS

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fileutil fileutil 1.7 1.8 D, B, TS, EF

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ftp ftp 2.4.1 2.4.2 B

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grammar\_fa grammar::fa 0.1 0.1.1 TS

- op 0.1 0.1.1 TS

- dexec 0.1 0.1.1 TS

- dacceptor 0.1 0.1.1 TS

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html html 1.2.3 1.3 B, TS, EF

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htmlparse htmlparse 1.1 1.1.1 B, TS

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http autoproxy 1.2.0 1.2.1 B

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inifile inifile 0.1 0.1.1 B, TS

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javascript javascript 1.0.1 1.0.2 B

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jpeg jpeg 0.1 0.2 \*\* API \*\*

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ldap ldap 1.2 1.2.1 B

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log logger 0.5 0.6.1 B, TS, D, EF

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math math 1.2.2 1.2.3 B, TS

- bignum 3.0 3.1 B, D, TS, EF

- calculus 0.6 0.6.1 B, TS

- complexnumbers 1.0 1.0.1 TS

- constants 1.0 1.0.1 B, TS

- fourier 1.0 1.0.1 TS

- geometry 1.0.2 1.0.3 D

- interpolate 1.0 1.0.1 B, TS

- optimize 0.2 1.0 B, D, TS, EF

- polynomials 1.0 1.0.1 TS

- rationalfunctions 1.0 1.0.1 B

- special 0.1 0.2 B, TS, EF

- statistics 0.1.2 0.2 B, TS, EF

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md4 md4 1.0.2 1.0.3 B, TS

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md5 md5 1.4.3 1.4.4 B, TS, D

md5 2.0.1 2.0.4 B, TS

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mime smtp 1.4 1.4.1 B

mime 1.4 1.4.2 B

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ncgi ncgi 1.2.3 1.3 EF

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ntp time 1.1 1.2 B, TS, EF (ceptcl)

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png png 0.1 0.1.1 B

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pop3 pop3 1.6.2 1.6.3 B/TS

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pop3d pop3d 1.0.3 1.1.0 B, TS, EF

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profiler profiler 0.2.2 0.2.3 B

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rc4 rc4 1.0.0 1.0.1 D, B, TS

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ripemd ripemd128 1.0.0 1.0.3 TS, D, B

ripemd160 1.0.0 1.0.3 TS, D, B

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sha sha1 1.0.3 1.1.0 TS, B, EF (cryptkit)

sha1 -- 2.0.2 TS, B, EF (cryptkit)

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smtpd smtpd 1.3.0 1.4.0 B

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snit snit 0.97 1.1 D, P, B, TS, I

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struct - tree 1.2.1 1.2.2 B

- tree 2.0 2.1 D, EF (ext. api, critcl)

- graph 2.0 2.0.1 B

- queue 1.3 1.4 B, EF

- prioqueue 1.3 1.3.1 B

- list 1.4 1.5 D, TS, EF, B

- matrix 2.0 2.0.1 B

- stack 1.3 1.3.1 B

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textutil textutil 0.6.2 0.7 B, EF

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tie tie 1.0 1.0.1 D, EX, TS

- std::file 1.0 1.0.1 B

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treeql treeql 1.2 1.3 B, D, TS, EF

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uri uri 1.1.4 1.1.5 B

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uuid uuid 1.0.0 1.0.1 B

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Unchanged Modules/Packages

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base64 (yencode), bee, calendar, crc (sum), dns (spf, resolv),

doctools (doctools::cvs, doctools::changelog), exif, ftp (ftp::geturl),

ftpd, ident, irc, log, math (math::fuzzy), md5crypt, multiplexer,

nntp, pop3d (pop3d::dbox, pop3d::udb), report, soundex, stooop

(stooop, switched), tar, textutil (textutil::expander),

tie (tie::std::array, tie::std::rarray, tie::std::dsource,

tie::std::log), uri (uri::urn), struct (struct, struct::graph v1,

struct::matrix v1, struct::pool, struct::record, struct::skiplist,

struct::set)