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F enable	
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N none	
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N overlay	
N saturation	
N screen	
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F getinfo

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F insertrenderingwindow

F mergebookmarks

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F mergefields

F mergereferences

F mergeviewerlayers

F prerollreference

F presetsymbol

F presetsymbollist

F print

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F startlayer

F startunicodetoactualtext

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F stopunicodetoactualtext

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F validfield
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F addtags
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F comment
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F effect
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F insertsound
F insertswf
F insertu3d
F knockout
F negative
F overprint
F positive

F reference
F rgbcolor
F spotcolor
F startlayer
F startstackedlayer
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F getspotcolorreference
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F grayspotcolor
F rgbindexcolor
F rgbspotcolor
F spotcolorname
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bnot function
bor function
btest function
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extract function
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dimensions	function
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new	function
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tocontext function

tonumber function

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append	function
assign	function
collectcontent	function
erase	function
exists	function
get	function
getcontent	function
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F define
F hassomecontent
F next
F place
F reset
F save

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- F hyphenation
- F kerning
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- F mlist_to_hlist

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- T constructors
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 - F define
 - F disable
 - F enable
 - F handler
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 - F basic
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- F set

- F start

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- F kepttogether

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- T solutions

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- F list

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- F analyze

- D categories

- F collapsevbox

- T data

- D map

- D skip

- D snapmethods

- F definesnapmethod

- B fixed

- F forcepageflush

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- F getnofpreviouslines

- F pagehandler

- F pageoverflow

- F setmap

- F setskip

- F snapbox

- F synchronizepage

- F tocategories

- F tocategory

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cache (context)

ask	boolean	is_writable	function
base	string	loadcontent	function
collapsecontent	function	loaddata	function
configfiles	function	more	string
contentstate	function	relocate	boolean
defaults	table	savecontent	function
define	function	savadata	function
direct	boolean	setfirstwritablefile	function
force	boolean	setluaname	function
getfirstreadablefile	function	tree	string
getreadablepaths	function	treehash	function
getwritablepath	function	usedpaths	function
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callback (basic tex)

find function
list function

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F process_rule

F start_page_number

F stop_page_number

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B append_to_vlist_filter

B build_page_insert

B buildpage_filter

B call_edit

B contribute_filter

B define_font

B find_cidmap_file

B find_data_file

B find_enc_file

B find_font_file

B find_format_file

B find_image_file

B find_map_file

B find_opentype_file

B find_output_file

B find_pk_file

B find_read_file

B find_truetype_file

B find_type1_file

B find_vf_file

B find_write_file

B finish_pdf_file

B finish_pdfpage

B finish_synctex

B font_descriptor_objnum_provider

B glyph_not_found

B glyph_stream_provider

B hyphenate

B insert_local_par

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B linebreak_filter

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B new_graf

B open_read_file

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B post_linebreak_filter

B pre_dump

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B process_input_buffer

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B process_pdf_image_content

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B read_map_file

B read_opentype_file

B read_pk_file

B read_truetype_file

B read_type1_file

B read_vf_file

B show_error_hook

B show_error_message

B show_lua_error_hook

B show_warning_message

B start_file

B start_page_number

B start_run

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B stop_run

B vpack_quality

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catcodes (context)

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numbers data table

register function

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activeoffset	number	T anudatta	
adobename	function	T before_half	
bidi	data table	T before_main	
blockrange	function	T before_postscript	
blocks	data table	T before_subscript	
casemap	table	T below_mark	
categories	data table	T consonant	
category	function	T dependent_vowel	
categorytags	data table	T halant	
classifiers	table	T independent_vowel	
collapsed	data table	T nukta	
contextname	function	T post_mark	
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data	data table	T ra	
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description	function	T twopart_mark	
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emoji	table	is_command	data table
F compact		is_letter	data table
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shaped	function	D commandmapping	
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shchars	data table	F safechar	
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splits	table	ucchars	data table
T char		uccode	function
T compat		uccodes	data table
subscripts	table	uhash	data table
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synonyms	data table	upper	function
tex	table		

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define	function
definitions	data table
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inlinechemical	function
instance	string
method	string

molecule	function
moleculeparser	userdata
start	function
stop	function
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cleannname function
content function
define function
is_usable function

is_valid function
read function
usecache boolean
write function

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A	function	cn-c	function
A:es	function	convert	function
A:ru	function	decimals	function
A:sl	function	define	function
AK	function	hexstringtonumber	function
Alphabetic	function	hour	function
Alphabetic:es	function	i	function
Alphabetic:ru	function	isleapyear	function
Alphabetic:sl	function	lhexnumber	function
Character	function	lhexnumbers	function
Characters	function	leapyear	function
I	function	lower	function
KA	function	max	function
KR	function	maxchrs	function
R	function	minute	function
RK	function	month	function
Romannumerals	function	nicenumber	function
Russiannumerals	function	nofdays	function
Sloveniannumerals	function	number	function
Spanishnumerals	function	numbers	function
Word	function	octnumber	function
Words	function	octstringtonumber	function
a	function	ordinal	function
a:es	function	r	function
a:ru	function	rawcharacter	function
a:sl	function	romannumerals	function
abjadnodotnumerals	function	russiannumerals	function
abjadnumerals	function	second	function
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alphabetic:es	function	settime	function
alphabetic:ru	function	sloveniannumerals	function
alphabetic:sl	function	spaceddigits	function
character	function	spanishnumerals	function
characters	function	textime	function
chineseallnumerals	function	toabjad	function
chinesecapnumerals	function	tochinese	function
chinesenumerals	function	toroman	function
chr	function	totime	function
chrs	function	uchexnumber	function

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F translate

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function

word

words

year

function

function

function

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isyieldable function
resume function
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ctxrunner (context)

load function
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expandname	function
found	function
glob	function
globdirs	function
globfiles	function

globpattern	function
ls	function
makedirs	function
makedirs	function
pop	function
push	function

directives (context)

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done	table
enable	function
list	function

name	string
register	function
report	function
reset	function
show	function
value	function

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arguments	data table		
files	table		
functions	table		
getargument	function		
getfilename	function		
options	table		
T commandline			
D environments			
D modes			
D modules			
T ctxfile			
D environments			
		D modes	
		D modules	
		setargument	function
		setcommandline	function
		setdefaultargument	function
		setenvironments	function
		setfilename	function
		setfilenames	function
		setmodes	function
		setmodules	function
		variables	data table

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gethpos function
getpos function
getvpos function
install function
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 T actions

 F fetch

 F finalize

 F initialize

 F reset

 T flushers

 F character

 F rule

 S name

 T mps

 T actions

 F fetch

 F finalize

 F initialize

 F reset

 T flushers

 F character

 F rule

 S name

T pdf

 T actions

 F closefile

 F finalize

 F initialize

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 F updatefontstate

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 T flushers

 F character

 F latelua

 F pdfimage

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 F pdfrestore

 F pdfsave

 F pdfsetmatrix

 F poporientation

 F pushorientation

 F rule

 F simplerule

 S name

lmtxversion number

prepare function

wrapup function

environment (context)

argument	function	luafile	function
arguments	data table	luafilechunk	function
basicengines	data table	luatexengine	string
currentrun	number	luatexfunctionality	number
default_texmfcnf	string	luatexversion	number
definefilefallback	function	maxnofruns	number
definefilesynonym	function	originalarguments	data table
engineflags	data table	outputfilename	string
filename	string	ownbin	string
filenames	table	ownmain	string
files	table	ownname	string
filesynonyms	data table	ownpath	string
forcedruns	number	prerollrun	boolean
getargument	function	rawarguments	data table
homedir	string	reconstructcommandline	function
initex	boolean	relativepath	function
initexmode	boolean	setargument	function
initializearguments	function	splitarguments	function
initializefilenames	function	suffix	string
inputfilebarename	string	texfile	function
inputfilename	string	texmfos	string
inputfilesuffix	string	texos	string
jobfilefullname	string	texroot	string
jobfilename	string	truefilename	function
jobfilesuffix	string	uselua module	function
jobname	string	usemodules	function
kindofrun	number	validengines	data table
loadexamodes	function	version	string
loadluafile	function		

experiments (context)

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default	function
disable	function
enable	function
list	function
name	string

register	function
report	function
reset	function
show	function
value	function

figures (context)

applyratio	function	F write	
badname	function	F check	
bases	data table	F checksize	
bitmapimage	function	F copy	
boxnumber	number	F create	
cachepaths	data table	F embed	
check	function	T keys	
checkers	data table	F print	
converters	data table	F scan	
current	function	F serialize	
defaultdepth	number	T sizes	
defaultheight	number	B art	
defaultsearch	boolean	B bleed	
defaultwidth	number	B crop	
done	function	B media	
dummy	function	B none	
exists	data table	B trim	
exists	function	F totable	
formats	data table	T types	
found	data table	N jbig2	
get	function	N jp2	
getinfo	function	N jpg	
getpdfinfo	function	N memstream	
getrealpage	function	N none	
guess	function	N pdf	
guessfromstring	function	N png	
hash	function	N stream	
identifiers	data table	F wrap	
identify	function	include	function
images	table	includers	data table
T __img__		initialize	function
F boxes		loaded	data table
F copy		localpaths	data table
F fields		magics	data table
F immediatewrite		mergegoodies	function
F immediatewriteobject		nofmissing	number
F keys		nofprocessed	number
F new		order	data table
F node		paths	data table

preferquality	boolean	setlookups	function
programs	data table	setmemstream	function
push	function	setorder	function
registerpattern	function	setpaths	function
registerresource	function	suffixes	data table
registersuffix	function	used	data table
resources	data table		
scale	function		
set	function		

file (basic lua)

addsuffix	function	needsupdating	function
basename	function	pathpart	function
checksum	function	readdata	function
collapsepath	function	removesuffix	function
copy	function	replacesuffix	function
dirname	function	reslash	function
expandname	function	robustname	function
extname	function	savechecksum	function
is_qualified_path	function	savedata	function
is_readable	function	size	function
is_rootbased_path	function	splitbase	function
is_writable	function	splitname	function
isreadable	function	splitpath	function
iswritable	function	strip	function
join	function	suffix	function
joinpath	function	suffixes	function
loadchecksum	function	suffixesonly	function
nameonly	function	suffixonly	function
nametotable	function	syncmtimes	function
needs Updating	function	withinbase	function

fio (extra lua)

checkpermission	function
getposition	function
read2dot14	function
readbytes	function
readbytetable	function
readcardinal1	function
readcardinal2	function
readcardinal3	function
readcardinal4	function
readcardinaltable	function
readfixed2	function

readfixed4	function
readinteger1	function
readinteger2	function
readinteger3	function
readinteger4	function
readintegertable	function
readline	function
recordfilename	function
setposition	function
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floats (context)

analysemethod	function
checkedpagefloat	function
collect	function
consult	function
flush	function
getvariable	function
hasstacked	function

nofstacked	function
pop	function
push	function
resave	function
save	function
stacked	function

font (basic tex)

addcharacters	function	id	function
current	function	max	function
define	function	nextid	function
each	overloaded function	originaleach	function
fonts	table	read_tfm	function
frozen	function	read_vf	function
getfont	overloaded function	setexpansion	function
getparameters	function	setfont	function

fonts (context)

analyzers table

- D features
- D initializers
- D methods
- F setstate
- D states
- B useunicodemarks

checkers table

- F getmissing
- F missing
- F placeholder

cid table

- F getmap
- F loadfile

collections table

- F checkenabled
- F clonevector
- F define
- T definitions
- F found
- F prepare
- F process
- F registermain
- F report
- F reset
- T vectors

constructors table

- F addcharacters
- F addcoreunicodes
- F aftercopyingcharacters
- F applymanipulators
- F assignmathparameters
- B autocleanup
- F beforecopyingcharacters
- D cache
- B cacheintex
- F calculatescale
- F checkedfeatures
- F checkedfilename

- F currentfonthasfeature

- D designsizes

- D dontembed

- F enhanceparameters

- T enhancers

- T afm

- F apply

- F patch

- T patches

- F register

- F report

- F register

- F report

- T otf

- F addfeature

- F apply

- F enhance

- F patch

- T patches

- F register

- F report

- F register

- F report

- T tfm

- F apply

- F patch

- T patches

- F register

- F report

- F register

- F report

- N factor

- T features

- D afm

- D otf

- D tfm

- F finalize

- F getfeatureaction

- F getmathparameter

T afm	F getactualtext
B autoprefixed	F getalternate
D cache	F getgsub
D features	F getkern
F getkern	F getmultiple
T helpdata	F getstreamhash
D bothkerned	F getsubstitution
D leftkerned	T handlers
D ligatures	F devanagari_remove_joiners
D rightkerned	F devanagari_reorder_matras
D texligatures	F devanagari_reorder_pre_base_re
F load	F devanagari_reorder_reph
T readers	F gpos_context
F getinfo	F gpos_contextchain
F loadfont	F gpos_cursive
F loadshapes	F gpos_mark2base
F setfeatures	F gpos_mark2ligature
B syncspace	F gpos_mark2mark
N version	F gpos_pair
T otf	F gpos_single
F addfeature	F gsub_alternate
F basemodeinitializer	F gsub_context
D cache	F gsub_contextchain
F collectlookups	F gsub_ligature
T coverup	F gsub_multiple
T actions	F gsub_reversecontextchain
F alternate	F gsub_single
F chainposition	F trigger_space_kerns
F chainsubstitution	T helpers
F kern	F blockligatures
F ligature	F pardirstate
F multiple	F txtfirststate
F pair	F load
F single	F loadoutlinedata
F substitution	F loadstreamdata
F register	F modeinitializer
S stepkey	D pdfcache
F dataset	F plugininitializer
F datasetpositionprocessor	F pluginprocessor
S defaultbasealternate	T plugins
S defaultnodealternate	T png
D features	F topdf

T readers	F single
F addunicodetable	F gvar
F avar	F head
F cbdt	T helpers
F cblc	F axistofactors
F cff	F cleanname
F cff2	F getaxisscale
F cffcheck	F getfactors
T cffencoder	F getscales
F checkhash	F gotodatatable
F cmap	F normalizedaxis
F colr	T normalizedaxishash
F compact	F readvariationdata
F cpal	F reportskippedtable
F ebdt	F setvariabldata
F eblc	F hhea
F ebsc	F hmtx
F expand	F hvar
F extend	F kern
F fvar	F loadfont
F gdef	F loadshapes
F getcomponents	F loca
F getinfo	F math
F glyf	F maxp
F gpos	F mvar
T gposhandlers	F name
F chainedcontext	F os/2
F context	F pack
F cursive	F parsecharstrings
F extension	F post
F marktobase	F registerextender
F marktoligature	F rehash
F marktomark	F sbix
F pair	F stat
F single	T streamreader
F gsub	F close
T gsubhandlers	F getposition
F alternate	F getsize
F chainedcontext	F look
F context	F open
F extension	F read2dot14
F ligature	F readbyte

F readcardinal
F readcardinal1
F readcardinal2
F readcardinal2le
F readcardinal3
F readcardinal3le
F readcardinal4
F readcardinal4le
F readcardinaltable
F readchar
F readfixed2
F readfixed4
F readinteger
F readinteger1
F readinteger2
F readinteger2le
F readinteger3
F readinteger3le
F readinteger4
F readinteger4le
F readintegertable
F readsignedbyte
F readstring
F readtag
F setposition
F size
F skip
F skiplong
F skipposition
F skipshort
F writebyte
F writecardinal2
F writecardinal4
F writestring
F stripredundant
F svg
N tableversion
F unifymissing
F unpack
F vhea
F vmtx
F vorg

F registerpalette
F registerplugin
F reorderlookups
F scriptandlanguage
F setdynamics
F setfeatures
T statistics
D usedfeatures
F storepdfdata
T svg
F filterglyph
F topdf
D svgcache
B svgenabled
T tables
D baselines
D features
D featuretypes
D languages
D scripts
N version
T pfb
F loadvector
T tfm
F addtounicode
D cache
D features
N maxnestingdepth
N maxnestingsize
T readers
F loadpk
F loadtfm
F loadtfmvf
F loadvf
F pktopdf
F showpk
F reencode
F setfeatures
N version
T vfb
T combinations
F combine

D helpers	S width
D math	S xheight
D predefined	T properties
N version	S autoitalicamount
D whatever	S cidinfo
F hashfeatures	T effect
F hashinstance	S ddelta
T hashmethods	S effect
F normal	S factor
F virtual	S hdelta
F initializefeatures	S hfactor
T keys	S vfactor
T characters	S wdelta
T descriptions	S width
T parameters	S embedding
S ascender	S encodingbytes
S descender	S filename
S designsize	S finalized
T expansion	S fontname
S auto	S format
S shrink	S fullname
S step	S hasitalics
S stretch	S hasmath
S extendfactor	S mathitalics
S factor	S mode
S hfactor	S name
S mathsize	S noglyphnames
S mode	S nostackmath
T protrusion	S psname
S auto	S textitalics
S quad	S virtualized
S scaledpoints	D loadedfonts
S scriptpercentage	S namemode
S scriptscriptpercentage	N noffontsloaded
S size	N nofsharedfonts
S slantfactor	N nofsharedhashes
S slantperpoint	N nofsharedvectors
T spacing	N privateoffset
S extra	D privateslots
S shrink	F readanddefine
S stretch	F registerfeature
S width	F resetfeature

F scaled		D cache	
F setfactor		F is_known	
F setfeature		D known	
F setmathparameter		F load	
F setname		F make_unicode_vector	
B sharefonts		D math	
F trytosharefont		N version	
N version		enhanceid	function
current	function	expansions	data table
currentid	function	formats	data table
definers	table	getalternate	function
F addlookup		getkern	function
F analyze		getmultiple	function
F applypostprocessors		getsubstitution	function
F checkedmode		getters	table
F checkedscript		T alternate	
F current		F opentype	
S defaultlookup		T kern	
F define		F opentype	
F getspecification		F type1	
F internal		F type3	
F loadfont		T multiple	
F makespecification		F opentype	
T methods		T substitution	
F install		F opentype	
D variants		goodies	table
F read		D colorschemes	
F register		T data	
F registered		T dejavu-math	
F registersplit		S author	
F resetnullfont		S comment	
F resolve		S copyright	
T resolvers		B initialized	
F file		T mathematics	
F name		T alternates	
F spec		T dotless	
definetypeface	function	S comment	
encodings	table	S feature	
T agl		N value	
D ctxcodes		T kerns	
D extras		S name	
D names		S version	

S comment		D resources	
S copyright		T setdynamics	
B initialized		T shapes	
T mathematics		D spaces	
T alternates		D spacings	
T dotless		T streams	
S comment		D unicodes	
S feature		D variants	
N value		D xheights	
T kerns		helpers	table
S name		F addextraprivate	
S version		F addprivate	
D designsizes		F appendcommands	
D filenames		F appendcommandtable	
F getcompositions		F checkflags	
T list		F checkmerge	
F load		F checksteps	
F prepare_features		F collectanchors	
F register		D commands	
F registerpostprocessor		F descriptiontoslot	
F report		F dimenfactor	
T suffixes		F expandglyph	
handlers	table	T extraprivates	
hashes	table	F fontpatternhassize	
D characters		F getcoloredglyphs	
D classes		F getdigitwidth	
D csnames		F getinstancespec	
D descriptions		F getparameters	
D dynamics		F getprivatecharornode	
D emwidths		F getprivatenode	
D exheights		F getprivates	
D extensibles		F getprivateslot	
D features		F hasprivate	
D identifiers		F indextoslot	
D italics		F name	
D lastmathids		F nametoslot	
D marks		F prependcommands	
D mathparameters		F prependcommandtable	
D modes		F privateslot	
D originals		F setdigitwidth	
D parameters		F splitfontpattern	
T processes		F tochar	

- F characters
- F descriptions
- F glyphs

loggers table

- F add_placeholders
- D category_to_placeholder
- F format
- F onetimemessage
- F register
- F reportdefinedfonts
- F reportusedfeatures

mappings table

- F addtounicode
- F fromunicodel6
- F loadfile
- F loadline
- F makenameparser
- D overloads
- F reset
- F tounicode
- F tounicodel6
- F tounicodel6sequence

metapost table

- F boundingbox
- F boxtomp
- F draw
- F fill
- F maxbounds
- F output
- F paths
- F widthline
- F zeroline

mp table

- D cache
- B inline
- N version

names data table

nulldata data table

privateoffsets table

- B keepnames
- N mathbase
- N mathextrabase

protrusions data table

readers table

- F afm
- F check_lua
- F check_tfm
- F lua
- F ofm
- F opentype
- F otf
- F pfb
- D sequence
- F tfm
- F ttc
- F ttf
- F woff

reserveid function table

- D alternatives
- F bodyfont
- D data
- F default
- D defaults
- F definefallbackfamily
- F definefontfamily
- F definefontfamilypreset
- D extras
- F fallback
- D fallbacks
- F features
- F filefallback
- F fontdata
- F fontfallback
- F fontsynonym
- F goodies
- F mathfallback
- D methods
- D presets
- F registerfallback
- F registerfiles
- F registerfontalternative
- F registerfontfamily
- F textfallback

F userdata
specifiers table
D contextmerged
F contextnumber
D contextnumbers
D contextsetups
F contexttostring
F definecontext
F mergecontext
F presetcontext
F registercontext
F showcontext
F splitcontext
D synonyms
D variants
symbols table
T emoji

F checked
F resolved
F uselibrary
tables table
D data
F savefont
F saveoriginal
tracers table
treatments table
F applyfixes
D data
S filename
F ignoredfile
F report
F trace
typefaces table

functions (context)

dummy function

graphics (context)

backgrounds table

- F fetchmultipart
- F pair
- F path
- F point

bitmaps table

- F flush
- F new

F placeholder

F tocontext

identifiers table

- F bitmap
- F jp2
- F jpg
- F png

identify function

gzip (extra lua)

close function

lines function

load function

open function

save function

suffix function

images (context)

__img__ table

F boxes

F copy

F fields

F immediatewrite

F immediatewriteobject

F keys

F new

F node

F scan

F types

F write

check function

checksize function

copy function

create function

embed function

keys table

print function

scan function

serialize function

sizes table

B art

B bleed

B crop

B media

B none

B trim

totable function

types table

N jbig2

N jp2

N jpg

N memstream

N none

N pdf

N png

N stream

wrap function

img (basic tex)

boxes	overloaded function	new	overloaded function
copy	overloaded function	node	overloaded function
fields	overloaded function	scan	overloaded function
immediatewrite	overloaded function	types	overloaded function
immediatewriteobject	overloaded function	write	overloaded function

interactions (context)

attachments data table

fields table

F clone

F define

F defineset

F insert

general table

F getidentity

F setupidentity

help table

F collect

F reference

F register

javascripts table

F addtopreamble

F code

D codes

F flushpreambles

D functions

D preambles

F setpreamble

F storecode

F storepreamble

F usepreamblenow

F usescripts

linkedList data table

pages table

F setpagetransition

F setupcanvas

references table

F setclosedocument

F setclosepage

F setopendocument

F setopenpage

renderings data table

soundclips data table

interfaces (context)

_	data table
addvalidkeys	function
cachedsetups	data table
cachesetup	function
checkedspecification	function
complete	data table
constants	data table
corenamespaces	data table
currentinterface	string
currentresponse	string
definecommand	function
defined	function
doifelsemessage	function
elements	data table
formats	data table
getcheckedparameters	function
getmessage	function
getnamespace	function
getsetupstring	function
hashedsetups	data table
implement	function
interfacedcommand	function
interfaces	table
invalidkey	function
message	function
namespaces	table

F define

F list	
registernamespace	function
registerscanner	function
scanners	data table
setconstant	function
setcount	function
setdimen	function
setelement	function
setformat	function
setmacro	function
setmessage	function
setmessages	function
settranslation	function
setupstrings	data table
setuserinterface	function
setvalidkeys	function
setvariable	function
showmessage	function
storedscanners	data table
strings	table
syntax	data table
tolist	function
translations	data table
usednamespaces	data table
variables	data table
writestatus	function

io (basic lua)

ask	function	pathseparator	string
bytes	function	popen	overloaded function
characters	function	read	function
close	function	readall	function
copydata	function	readnumber	function
exists	function	readstring	function
fileseparator	string	saved_lines	function
flush	function	savedata	function
input	overloaded function	size	function
lines	overloaded function	stderr	userdata
loadchunk	function	stdin	userdata
loaddata	function	stdout	userdata
loadlines	function	tmpfile	function
noflines	function	type	function
open	overloaded function	write	function
output	overloaded function		

job (context)

comment function
datasets table

D collected
F extend
F getdata
F setdata
D tobesaved

disablesave function
embedded table

D collected
D tobesaved

fileobjreferences table

D collected
D tobesaved

files table

D collected
F context
B forcerun
F run
D tobesaved

getrandomseed function

initialize function

load function

loadother function

objects table

D collected
F get
F number
F page
F save
F set
D tobesaved

pack boolean

packversion number

pagestates table

D collected
F countervalue
F extend
F realpage

D tobesaved
passes table

F check
D collected
F count
F define
F find
F first
F get
F getcollected
F getdata
F getfield
F gettobesaved
F inlist
F last
F list
F save
F savetagged
D tobesaved

positions table

F b_column
F b_region
F c
D collected
F column
F copy
F depth
F e_column
F e_region
F enhance
F extra
T free
F get
F gethpos
F getpos
F getreserved
F gettobesaved
F getvpos
F hangafter

F hsize
F leftskip
F lowerleft
F lowerright
F markregionbox
F n
F onsamepage
F overlapping
F p
T page
F paragraph
F parindent
F position
F r
F region
F registerhandlers
F replace
F rightskip
F set
F setall
F setregionbox
D tobesaved
F upperleft
F upperright
S used

F whd
F width
F x
F xy
F y
register function
save function
structure table
D collected
T components
T tobesaved
T branches
S name
S type
variables table
D checksums
D collected
F getchecksum
F makechecksum
F restore
F save
F setchecksum
D tobesaved
version number

lang (basic tex)

clean	function
clear_hyphenation	function
clear_patterns	function
exceptions	function
gethjcode	function
hyphenate	function
hyphenation	function
hyphenationmin	function

id	function
new	function
patterns	function
postexhyphenchar	function
posthyphenchar	function
preexhyphenchar	function
prehyphenchar	function
sethjcode	function

languages (context)

associate	function	F registerpattern	
associated	data table	F setfeatures	
association	function	installed	function
counters	data table	labels	table
current	function	F define	
data	data table	F split	
decimals	data table	loadable	function
define	function	loadwords	function
explicitlyphen	function	logger	table
flatten	function	F report	
frequencies	table	nofflattened	function
F averagecharwidth		numbers	data
F getdata		postexhyphenchar	function
getdata	function	posthyphenchar	function
getnumber	function	preexhyphenchar	function
hjcounts	table	prehyphenchar	function
hyphenate	function	registered	data
hyphenators	table	replacements	table
T dictionaries		F add	
D featuresets		F addlist	
F handler		F handler	
T methods		F set	
F expanded		serializediscretionary	function
B none		setexceptions	function
F original		setsynonym	function
F tex		showdiscretionaries	function
F traditional		unload	function
F popmethod		urls	table
F pushmethod		D characters	
F setmethod		N lefthyphenmin	
F setup		D mapping	
F showhyphenationtrace		B packslashes	
T traditional		N righthyphenmin	
F definefeatures		F setcharacters	
F gettrace		version	number
F hyphenate		visualizediscretionaries	function
F injectlyphens		words	table
F installmethod		F check	
F lasttrace		T data	

T enablers

B enables

F found

F load

T methods

N threshold

layouts (context)

status table

F isleftpage

F lefttorrightpageaction

lfs (extra lua)

attributes	overloaded function	mkdir	overloaded f
chdir	overloaded function	mkdirs	function
currentdir	function	readlink	overloaded f
dir	overloaded function	rmdir	overloaded f
isdir	overloaded function	setmode	overloaded f
isfile	overloaded function	shortname	overloaded f
isfound	function	symlinkattributes	overloaded f
link	overloaded function	touch	overloaded f
lock	function	unlock	function
lock_dir	overloaded function		

libraries (context)

basiclua data table

basictex data table

builtin data table

extralua data table

extratex data table

functions data table

globals data table

lmx (context)

color	function
convert	function
convertfile	function
convertstring	function
einject	function
eprint	function
escape	function
finalized	function
finject	function
fprint	function
get	function
getvariables	function
htmfile	function
html	table
F a	
F td	
F th	
include	function
inherited	table
S color-background-four	
S color-background-one	
S color-background-three	
S color-background-two	
S title	
initialize	function
inject	function
lmxfile	function

loadedfile	function
make	function
new	function
overloaderror	function
popupfile	function
print	function
pv	function
report	function
reset	function
result	function
set	function
show	function
showdebuginfo	function
showerror	function
stripcss	function
tv	function
type	function
urlescape	function
variable	function
variables	table
S color-background-blue	
S color-background-body	
S color-background-green	
S color-background-main	
S color-background-purple	
S color-background-yellow	
S title-default	

logs (context)

application	function	setformats	function
categories	function	setformatters	function
direct	function	setlogfile	function
disable	function	setmessenger	function
enable	function	setprocessor	function
exporters	table	setprogram	function
extendbanner	function	settarget	function
finalactions	function	settimedlog	function
flush	function	settranslations	function
help	function	show	function
loggingerrors	function	show_close	function
messenger	function	show_load	function
new	function	show_open	function
newline	function	simple	function
poptarget	function	simpleline	function
pushtarget	function	simplelines	function
registerfinalactions	function	start_page_number	function
report	function	starterrorlogging	function
reportbanner	function	startfilelogging	function
reporter	function	status	function
reporters	table	stop_page_number	function
F banner		stoperrorlogging	function
F export		stopfilelogging	function
F help		subdirect	function
F info		subreport	function
F lines		system	function
F version		texerrormessage	function
reportline	function	writer	function
reportlines	function		

lpdf (context)

action	function
adddocumentcolorspace	function
adddocumenttextgstate	function
adddocumentpattern	function
adddocumentshade	function
addtocatalog	function
addtoinfo	function
addtonames	function
addtopageattributes	function
addtopageresources	function
addtopagesattributes	function
addxmpinfo	function
annotationspecification	function
array	function
attachmentsymbols	function
boolean	function
border	function
checkedkey	function
checkedvalue	function
circularshade	function
closefile	function
cmykcode	function
collectedresources	function
color	function
colorspace	function
colorspaceconstants	data table
colorspec	function
colorvalue	function
colorvalues	function
commentsymbols	function
compresslevel	function
constant	function
copyarray	function
copyboolean	function
copyconstant	function
copydictionary	function
copyfloat	function
copyinteger	function
copynumber	function

delayedobject	func
destinationspecification	func
dictionary	func
docstring	func
epdf	tabl
F contenttotext	
F expanded	
F getpagecontent	
F getstructure	
T image	
F close	
F copy	
F new	
F open	
F query	
F load	
F parsecontent	
F plugin	
T resolvers	
F destinations	
F embeddedfiles	
F javascripts	
F layers	
F pages	
F structure	
F widgets	
F stripcontent	
F unload	
escaped	func
finalizedocument	func
finalizefonts	func
finalizepage	func
finishtransparencycode	func
flags	tabl
T annotations	
N AutoView	
N Hidden	
N Invisible	
N Locked	

N NoView		fromsixteen	func
N NoZoom		getcatalag	func
N Print		getcompression	func
N Printable		getfontname	func
N ReadOnly		getfontobjnumber	func
N ToggleNoView		getinfo	func
N auto		getmetadata	func
N hidden		getpageproperties	func
N printable		getversion	func
T widgets		getxformname	func
N Comb		graycode	func
N CommitOnSelChange		id	func
N DoNotScroll		immediateobj	func
N DoNotSpellCheck		includechar	func
N Edit		includecharlist	func
N FileSelect		includefont	func
N MultiLine		includeimage	func
N NoExport		injectors	tabl
N NoToggleToOff		F bitmap	
N Password		F jp2	
N PopUp		F jpg	
N PushButton		F png	
N Radio		injectxmpinfo	func
N RadiosInUnison		insertxmpinfo	func
N ReadOnly		layerreference	func
N Required		limited	func
N RichText		linearshade	func
N Sort		literal	func
N file		majorversion	func
N fixed		minorversion	func
N nocheck		nametree	func
N protected		nofpages	func
N readonly		null	func
N required		number	func
N sorted		obj	func
N unavailable		objectcompresslevel	func
flushfonts	function	openfile	func
flushobject	function	pagereference	func
flushstreamfileobject	function	patternstream	func
flushstreamobject	function	pdfcolor	func
formats	data table	pdftimestamp	func
frombytes	function	permitdetail	func

protectresources	boolean	settrailerid	func
rectangle	function	setversion	func
reference	function	shareobject	func
registerannotation	function	shareobjectreference	func
registerdestination	function	spotcode	func
registerdocumentfinalizer	function	stream	func
registerfont	function	string	func
registerpagefinalizer	function	toeight	func
registerpattern	function	topdfdoc	func
reserveobject	function	tosixteen	func
rgbcode	function	transparency	func
rotationcm	function	transparencycode	func
setcompression	function	transparencygroups	tabl
setdates	function	B none	
setmapfile	function	transparencyvalue	func
setmapline	function	unicode	func
setomitcidset	function	usedcharacters	tabl
setsuppressoptionalinfo	function	verbose	func
settime	function		

lpeg (basic lua)

B	function	firstofsplit	function
C	function	frontstripper	function
Carg	function	instrchecker	function
Cb	function	is_lpeg	function
Cc	function	keeper	function
Cf	function	locale	function
Cg	function	match	function
Cmt	function	oneof	function
Cp	function	patterns	data table
Cs	function	pcode	function
Ct	function	print	function
P	function	ptree	function
R	function	replacer	function
S	function	secondofsplit	function
UP	function	setmaxstack	function
UR	function	setutfcasers	function
US	function	split	function
V	function	splitat	function
afterprefix	function	splitter	function
anywhere	function	stripper	function
append	function	times	function
balancer	function	tsplitat	function
beforesuffix	function	tsplitter	function
checkedsplit	function	type	function
containsws	function	utfchartabletopattern	function
counter	function	utfreplacer	function
endstripper	function	version	function
finder	function		

ltn12 (extra lua)

BLOCKSIZE number

filter table

F chain

F cycle

pump table

F all

F step

sink table

F chain

F error

F file

F null

F simplify

F table

source table

F cat

F chain

F empty

F error

F file

F rewind

F simplify

F string

lua (basic tex)

bytecode	table
bytedata	data table
bytedone	table
collectgarbage	function
delay	function
finalize	function
firstbytecode	number
flush	function
flushdelayed	function
get_functions_table	function
getbytecode	function
getcalllevel	function
getluaname	function
getstacktop	function
lastbytecode	number
macros	table
B enabled	
F loaded	

F required
F reset
F resolvestring
F resolving
F showdefinitions

mask	string
messages	data table
name	table
newtable	function
numbers	data table
registercode	function
registeredcodes	function
registerfinalizer	function
registername	function
setbytecode	function
setluaname	function
startupfile	string
version	string

luatex (context)

cleanuptempfiles	function
currentfile	function
registerdumpactions	function
registerpageactions	function
registerstartactions	function
registerstopactions	function
registertempfile	function
starttime	number
synctex	table
F blockfilename	
F collect	
F disable	
F enable	
F finish	

F pause
F popline
F pushline
F registerdisabler
F registerenabler
F resetfilename
F resume
F setfilename
F setup
F start
F stop
F wrapup

wrapup	function
---------------	----------

lxml (context)

addindex	function	flush	function
all	function	flushlinewise	function
applyfunction	function	flushsetups	function
applyselectors	function	flushspacewise	function
att	function	get_id	function
attribute	function	getid	function
badinclusions	function	getindex	function
chainattribute	function	id	function
checkindex	function	idsplitter	userdata
collected	function	include	function
command	function	inclusion	function
concat	function	inclusions	function
concatrange	function	index	function
content	function	inlineverbatim	function
context	function	installsetup	function
convert	function	last	function
count	function	lastatt	function
delete	function	lastmatch	function
direct	function	lastpar	function
directives	table	load	function
F after		loadbuffer	function
F before		loaddata	function
F handle		loaded	table
F load		main	function
F setup		match	function
displayverbatim	function	name	function
doif	function	namespace	function
doifelse	function	nonspace	function
doifelseempty	function	par	function
doifelsetext	function	param	function
doifempty	function	parameter	function
doifnot	function	path	function
doifnotempty	function	popmatch	function
doifnottext	function	pos	function
doiftext	function	position	function
element	function	pure	function
elements	function	pushmatch	function
entities	data table	raw	function
filter	function	rawroot	function

register	function
registerentity	function
removesetup	function
replace	function
resetcdata	function
resetsetups	function
resolvedentity	function
root	function
save	function
serialize	function
setaction	function
setatt	function
setattribute	function
setcdata	function
setcommandtonone	function
setcommandtotext	function
setpar	function
setparam	function
setparameter	function
setsetup	function
snippet	function
sorters	table

F add

F compare	
F flush	
F reset	
F show	
F sort	
splitid	function
startrow	function
startunesaped	function
stoprow	function
stopunesaped	function
store	function
strip	function
stripped	function
tag	function
text	function
tobuffer	function
tofile	function
toparameters	function
toverbatim	function
verbatim	function
withindex	function
xmltexhandler	data table

math (basic lua)

abs	function	maxinteger	number
acos	function	min	function
asin	function	mininteger	number
atan	function	mod	function
atan2	function	modf	function
ceil	function	odd	function
ceiling	function	pi	number
cos	function	pow	function
cosd	function	rad	function
cosh	function	random	overloaded function
deg	function	randomseed	function
div	function	round	function
even	function	setrandomseed	function
exp	function	sin	function
floor	function	sind	function
fmod	function	sinh	function
frexp	function	sqrt	function
huge	number	tan	function
initialseed	number	tand	function
ldexp	function	tanh	function
log	function	tointeger	function
log10	function	type	function
max	function	ult	function

mathematics (context)

addfallbacks	function	mapremap	data ta
alphabets	data table	overloaddimensions	functio
alternatives	data table	overloadparameters	functio
big	function	privatebase	number
boldmap	data table	registerdomain	functio
categories	table	registerfallbackid	functio
D functions		remapalphabets	functio
charactersets	data table	renderings	table
checkaccentbaseheight	function	D mappings	
checkprivateparameters	function	D numbers	
classes	data table	D sets	
codes	data table	renderset	functio
define	function	resetattributes	functio
dimensions	function	resetitalics	functio
domains	table	resolvefallbacks	functio
extensiblecode	function	scaleparameters	functio
extensibles	data table	setdomain	functio
extrabase	number	setitalics	functio
extras	table	setridofprime	functio
F add		sets	data ta
F copy		styles	data ta
fallbacks	table	syncboth	functio
F apply		syncname	functio
F install		syncstyle	functio
fallbackstyleattr	function	toname	functio
families	data table	tostyle	functio
finishfallbacks	function	tweakaftercopyingfont	functio
gaps	data table	tweakbeforecopyingfont	functio
getboth	function	tweaks	table
getdomain	function	utfmathaccent	functio
getitalics	function	utfmathclass	functio
getridofprime	function	utfmathcommand	functio
getstyle	function	utfmathfiller	functio
horizontalcode	function	utfmathstretch	functio
initializeparameters	function	virtualize	functio
makefont	function	virtualized	data ta

md5 (extra lua)

HEX	function
crypt	function
dec	function
decrypt	function
exor	function

hex	function
sum	function
sumHEXA	overloaded function
sumhexa	overloaded function

metapost (context)

analyzeplugins	function	getstatistics	function
checkformat	function	gettext	function
checktexts	function	graphic	function
cm	function	graphic_base_pass	function
collapse	boolean	installplugin	function
colorinitializer	function	intermediate	table
comment	function	T actions	
convert	function	F makempy	
defaultformat	string	isobject	function
defaultinstance	string	lastlog	string
defaultmethod	string	load	function
directrun	function	makempy	table
escaped	function	N nofconverted	
exectime	table	F processgraphics	
extensiondata	data table	F registerfile	
filterclippath	function	maketext	function
flush	function	metafun	table
flushers	table	F interpolate	
T pdf		F topath	
F comment		method	number
F flushfigure		mptopdf	table
F startfigure		F convertmptstopdf	
F stopfigure		N nofconverted	
F textfigure		n	number
flushliteral	function	nofscriptruns	function
flushnormalpath	function	nvformat	function
flushreset	function	optimize	boolean
fonts	table	parse	function
F define		pdfliterals	function
T flusher		pluginactions	function
F flushfigure		popformat	function
F startfigure		popscriptrunner	function
F stopfigure		popvariable	function
N instances		popvariables	function
F process		preparetexttsdata	function
format_number	function	process	function
format_string	function	processplugins	function
formatnumber	function	processspecial	function
getclippath	function	properties	table

pushvariable	function
pushvariables	function
quickanddirty	function
reducetogray	boolean
reporterror	function
reset	function
resetlastlog	function
resetplugins	function
run	function
runscript	function
scripterror	function
setextensions	function
setoutercolor	function
settext	function
setvariable	function
showlog	boolean
simple	function
splitprescript	function

startgraphic	function
stopgraphic	function
svformat	function
sxsy	function
tex	table
F get	
F reset	
F set	
F setfrombuffer	
texerrors	boolean
texexp	function
theclippath	function
tographic	function
totable	function
unload	function
untagvariable	function
use_one_pass	boolean
variables	table

mime (extra lua)

b64 function
decode overloaded function
decodet overloaded table
 F base64
 F quoted-printable
dot function
encode overloaded function
encodet overloaded table
 F base64
 F quoted-printable
eol function
normalize overloaded function
qp function

qpwrp function
report function
stuff overloaded function
unb64 function
unqp function
wrap overloaded function
wrapt overloaded table
 F base64
 F default
 F quoted-printable
 F text
wrp function

mp (context)

BackSpace	function	OuterMarginWidth	function
BaseLineSkip	function	OverlayDepth	function
BodyFontSize	function	OverlayHeight	function
BottomDistance	function	OverlayLineWidth	function
BottomHeight	function	OverlayOffset	function
BottomSpace	function	OverlayRegion	function
CurrentColumn	function	OverlayWidth	function
CurrentHeight	function	PageDepth	function
CurrentWidth	function	PageFraction	function
CutSpace	function	PageNumber	function
EmWidth	function	PageOffset	function
ExHeight	function	PaperBleed	function
FooterDistance	function	PaperHeight	function
FooterHeight	function	PaperWidth	function
HSize	function	PrintPaperHeight	function
HeaderDistance	function	PrintPaperWidth	function
HeaderHeight	function	RealPageNumber	function
InPageBody	function	RightEdgeDistance	function
InnerEdgeDistance	function	RightEdgeWidth	function
InnerEdgeWidth	function	RightMarginDistance	function
InnerMarginDistance	function	RightMarginWidth	function
InnerMarginWidth	function	SpineWidth	function
LastPageNumber	function	StrutDepth	function
LayoutColumnDistance	function	StrutHeight	function
LayoutColumnWidth	function	SubPageNumber	function
LayoutColumns	function	TextHeight	function
LeftEdgeDistance	function	TextWidth	function
LeftEdgeWidth	function	TopDistance	function
LeftMarginDistance	function	TopHeight	function
LeftMarginWidth	function	TopSkip	function
LineHeight	function	TopSpace	function
MakeupHeight	function	VSize	function
MakeupWidth	function	_f_	function
NOfColumns	function	_get_count_	function
NOfPages	function	_get_dimen_	function
NOfSubPages	function	_get_macro_	function
OnOddPage	function	_get_toks_	function
OnRightPage	function	_set_count_	function
OuterEdgeDistance	function	_set_dimen_	function

aux		inhash	function
F boolean		integer	function
F flush		isarray	function
F fprint		isobject	function
F integer		mf_blob_add	function
F number		mf_blob_dimensions	function
F numeric		mf_blob_index	function
F pair		mf_blob_new	function
F pairpoints		mf_blob_raw_content	function
F path		mf_blob_raw_dimensions	function
F pathpoints		mf_blob_raw_reset	function
F points		mf_blob_raw_toutf	function
F print		mf_blob_raw_wipe	function
F quadruple		mf_blob_size	function
F quadruplepoints		mf_blob_width	function
F quoted		mf_default_color_model	function
F size		mf_external_figure	function
F string		mf_finish_saving_data	function
F triplet		mf_formatted_text	function
F tripletpoints		mf_get_outline_text	function
F vprint		mf_graphic_text	function
boolean	function	mf_inject_blob	function
cleaned	function	mf_made_text	function
dataset	function	mf_named_color	function
datasets	function	mf_outline_text	function
F load		mf_path_left	function
dimension	function	mf_path_length	function
disposehash	function	mf_path_point	function
flush	function	mf_path_reset	function
format	function	mf_path_right	function
formatted	function	mf_save_data	function
fprint	function	mf_some_text	function
fromhash	function	mf_start_saving_data	function
get	table	mf_stop_saving_data	function
F boolean		mf_tb_dimensions	function
F number		mf_tt_dimensions	function
F numeric		mf_tt_initialize	function
F path		mode	function
F string		n	function
getcount	function	newhash	function
getdimen	function	number	function
getmacro	function	numeric	function

path	function
pathleft	function
pathlength	function
pathpoint	function
pathpoints	function
pathreset	function
pathright	function
place_buffermake	function
place_buffersize	function
place_bufferslot	function
place_bufferwipe	function
points	function
positionanchor	function
positionbox	function
positioncurve	function
positionpage	function
positionpath	function
positionpxy	function
positionregion	function
positionwhd	function
positionxy	function
prefix	function

print	function
processingmode	function
quadruple	function
quadruplepoints	function
quoted	function
report	function
set	table
F path	
setcount	function
setdimen	function
setmacro	function
settoks	function
size	function
string	function
systemmode	function
texstr	function
texttextanchor	function
texvar	function
tohash	function
triplet	function
tripletpoints	function
vprint	function

mplib (extra tex)

char_depth	function
char_height	function
char_width	function
execute	function
fields	function
finder	function
finders	table
F file	
F mpstemplate	
finish	function
get_boolean	function

get_number	function
get_numeric	function
get_path	function
get_string	function
new	overloaded function
pen_info	function
preprocessed	function
solve_path	function
statistics	function
version	function

noads (context)

handlers table

F align
F alternates
F autofences
F classes
F collapse
F domains
F families
F fixscripts
F italics
F kernpairs
F makeup
F relocate
F render

F resize
F showtree
F tags
F unscript
F unstack
F variants

process function

processnested function

processors table

F mlist_to_hlist

T unscript

T unstack

processouter function

node (basic tex)

check_discretionaries	function	F getglue
check_discretionary	function	F getheight
copy	function	F getid
copy_list	function	F getkern
count	function	F getlang
current_attr	function	F getleader
dimensions	function	F getlist
direct	table	F getnext
F check_discretionaries		F getnucleus
F check_discretionary		F getoffsets
F copy		F getpenalty
F copy_list		F getprev
F count		F getproperty
F current_attr		F getshift
F dimensions		F getsub
F effective_glue		F getsubtype
F end_of_math		F getsup
F find_attribute		F getwhd
F first_glyph		F getwidth
F flatten_discretionaries		F has_attribute
F flush_list		F has_field
F flush_node		F has_glyph
F flush_properties_table		F hpack
F free		F hyphenating
F get_attribute		F insert_after
F get_properties_table		F insert_before
F get_synctex_fields		F is_char
F getattributelist		F is_direct
F getboth		F is_glyph
F getbox		F is_node
F getchar		F is_zero_glue
F getcomponents		F kerning
F getdata		F last_node
F getdepth		F length
F getdir		F ligaturing
F getdirection		F new
F getdisc		F prepend_prevdepth
F getexpansion		F protect_glyph
F getfam		F protect_glyphs

F remove
F set_attribute
F set_properties_mode
F set_synctex_fields
F setattributelist
F setboth
F setbox
F setchar
F setcomponents
F setdata
F setdepth
F setdir
F setdirection
F setdisc
F setexpansion
F setfam
F setfield
F setfont
F setglue
F setheight
F setkern
F setlang
F setleader
F setlink
F setlist
F setnext
F setnucleus
F setoffsets
F setpenalty
F setprev
F setproperty
F setshift
F setsplit
F setsub
F setsubtype
F setup
F setwhd
F setwidth
F slide
F tail
F todirect
F tonode

F traverse_char
F traverse_glyph
F traverse_id
F traverse_list
F unprotect_glyph
F unprotect_glyphs
F unset_attribute
F usedlist
F uses_font
F vpack
F write

effective_glue functi
end_of_math functi
family_font functi
fields functi
find_attribute functi
first_glyph functi
fix_node_lists functi
flatten_discretionaries functi
flush_list functi
flush_node functi
flush_properties_table functi
free functi
get_attribute functi
get_properties_table functi
getboth functi
getchar functi
getdisc functi
getfield functi
getfont functi
getglue functi
getid functi
getleader functi
getlist functi
getnext functi
getprev functi
getproperty functi
getsubtype functi
getwhd functi
has_attribute functi
has_field functi
has_glyph functi

id	function	setglue	function
insert_after	function	setproperty	function
insert_before	function	setwhd	function
is_char	function	slide	function
is_glyph	function	subtype	function
is_node	function	subtypes	function
is_zero_glue	function	tail	function
kerning	function	tostring	function
last_node	function	traverse	function
length	function	traverse_char	function
ligaturing	function	traverse_glyph	function
make_extensible	function	traverse_id	function
mlist_to_hlist	function	traverse_list	function
new	function	type	function
next	function	types	function
prepend_prevdepth	function	unprotect_glyph	function
prev	function	unprotect_glyphs	function
protect_glyph	function	unset_attribute	function
protect_glyphs	function	usedlist	function
protrusion_skipable	function	uses_font	function
rangedimensions	function	values	function
remove	function	vpack	function
set_attribute	function	whatsits	function
set_properties_mode	function	write	function
setfield	function		

nodes (context)

accentcodes	data table	effective_glue	function
aligned	function	end_of_math	function
append	function	fencecodes	data table
apply	function	fields	function
applyvisuals	function	fillcodes	data table
astable	function	find_attribute	function
basepoints	function	first_glyph	function
boundarycodes	data table	firstcharacter	function
boxes	table	firstcharinbox	function
F dimensions		firstdirinbox	function
F direct		firstglyph	function
F found		flatten_discretionaries	function
F reset		flush	function
F restore		flush_list	function
F save		flush_node	function
builders	table	free	function
F buildpage_filter		fullhpack	function
F vpack_filter		getattr	function
check_discretionaries	function	getattribute	function
codes	data table	getbox	function
concat	function	getchar	function
copy	function	getdisc	function
copy_list	function	getfield	function
copy_node	function	getfont	function
count	function	getglue	function
countall	function	getid	function
current_attr	function	getleader	function
delete	function	getlist	function
destinations	table	getnext	function
N attribute		getprev	function
T done		getsubtype	function
F handler		getwhd	function
T stack		gluecodes	data table
dimensionfields	data table	gluevalues	data table
dimensions	function	glyphcodes	data table
dircodes	data table	handlers	table
directioncodes	data table	F accessibility	
directionvalues	data table	F backgrounds	
dirvalues	data table	F backgroundspace	

F checkforleaks		is_char	function
F checkglyphs		is_direct	function
F checkparcounter		is_display_math	function
F cleanupbox		is_glyph	function
F cleanuppage		is_node	function
F export		is_nut	function
F finalizebox		is_zero_glue	function
F flatten		ischar	function
F flattenline		isglyph	function
F migrate		kerncodes	data table
F protectglyphs		kerning	function
F stripping		keys	table
F textbackgrounds		T whatsit	
F unprotectglyphs		last_node	function
has_attribute	function	leadercodes	data table
has_field	function	leftmarginwidth	function
has_glyph	function	length	function
hpack	function	ligaturing	function
hyphenating	function	linefillers	table
idsandsubtypes	function	D data	
idstostring	function	F define	
ignorablefields	data table	F enable	
injections	table	F filler	
F copy		F handler	
F getligaindex		lines	table
F getthreshold		T boxed	
F handler		F register	
F installgetspaceboth		F setup	
F installnewkern		F stage_one	
F isspace		F stage_two	
F keepcounts		D data	
F reset		F finalize	
F resetcounts		F number	
F setcursive		N scratchbox	
F setkern		link	function
F setligaindex		linked	function
F setmark		list	function
F setmove		listablefields	data table
F setposition		listcodes	data table
F setspacekerns		listtutf	function
insert_after	function	literalvalues	data table
insert_before	function	load	function

marginkerncodes

markers

F get

mathcodes

maxboxwidth

mlist_to_hlist

new

noadcodes

noadoptions

N axis

N exact

N left

N middle

N no_axis

N right

N set

N unused_1

N unused_2

nodecodes

nopts

nuts

F append

F apply

F applyvisuals

F check_discretionaries

F concat

F copy

F copy_list

F copy_no_components

F copy_node

F copy_only_glyphs

F copy_properties

F copyvisual

F count

F countall

F current_attr

F delete

F dimensions

F effective_glue

F end_of_math

F find_attribute

F first_glyph

data table

table

data table

function

function

function

data table

table

data table

function

table

F firstglyph

F flatten_discretionaries

F flush

F flush_list

F flush_node

F free

F fullhpack

F get_synctex_fields

F getattr

F getattribute

F getattributelist

F getattrlist

F getboth

F getbox

F getboxglue

F getchar

F getcomponents

F getdata

F getdepth

F getdir

F getdirection

F getdisc

F getdiscretionary

F getexpansion

F getfam

F getfield

F getfont

F getglue

F getheight

F getid

F getkern

F getlang

F getlanguage

F getleader

F getlist

F getnext

F getnucleus

F getoffsets

F getorientation

F getpenalty

F getprev

F getprop

F getsubtype	F disc
F getsup	F emptyrule
F getsurround	F fence
F getvalue	F fontkern
F getwhd	F fraction
F getwidth	F glue
F has_attribute	F gluespec
F has_field	F glyph
F has_glyph	F hlist
F hpack	F italicern
F hyphenating	F kern
F insert_after	F latelua
F insert_before	F lateluafunction
F insert_list_after	F leader
F is_char	F leftmarginkern
F is_direct	F leftskip
F is_display_math	F lineskip
F is_glyph	F mathchar
F is_node	F mathtextchar
F is_nut	F negatedglue
F is_zero_glue	F noad
F ischar	F outlierule
F isdone	F pdfannotation
F isglyph	F pdfdestination
F kerning	F pdfdirectliteral
F last_node	F pdfliteral
F leftmarginwidth	F pdforiginliteral
F length	F pdfpageliteral
F ligaturing	F pdfrawliteral
F link	F pdfrestore
F linked	F pdfsave
F locate	F pdfsetmatrix
F mlist_to_hlist	F penalty
F nestedtracedslide	F radical
F new	F register
T pool	F rightmarginkern
F accent	F rightskip
F baselineskip	F rule
F boundary	F savepos
F choice	F shrink
F cleanup	F stretch
F delim	F subbox

F textdir	F setattrrlist
F usage	F setboth
F userattributes	F setbox
T userids	F setboxglue
N margins.inline	F setchar
N property	F setcomponents
N splitters.one	F setdata
N splitters.two	F setdepth
F userlist	F setdir
F userlua	F setdirection
F usernumber	F setdisc
F userrule	F setdiscretionary
F userstring	F setexpansion
F usertokens	F setfam
F vlist	F setfield
F wordboundary	F setfont
F prepend	F setglue
F processranges	F setheight
F processwords	F setkern
F protect_glyph	F setlang
F protect_glyphs	F setlanguage
F protrusion_skippable	F setleader
F rangedimensions	F setlink
F rawprop	F setlist
F reference	F setnext
F rehpick	F setnucleus
F remove	F setoffsets
F repackhlist	F setorientation
F replace	F setpenalty
F rightmarginwidth	F setprev
T rules	F setprop
T ruleactions	F setshift
F box	F setsplit
F draw	F setsub
F fill	F setsubtype
F mp	F setup
F stroke	F setsurround
F userrule	F setunsetattributes
F set_attribute	F setvalue
F set_synctex_fields	F setvisual
F setattr	F setvisuals
F setattribute	F setwhd

F somepenalty
F somespace
F splitbox
F striprange
F tail
F takeattr
F takebox
F takelist
F theprop
F tonode
F tonodes
F tonut
F tosequence
F toString
F tracedslide
F traverse
F traverse_char
F traverse_glyph
F traverse_id
F traverse_list
T traversers
 F boundary
 F char
 F dir
 F disc
 F glue
 F glyph
 F hlist
 F list
 F next
 F node
 F vlist
 F whatsit
T typesetters
 F tohbox
 F tohpack
 F tonodes
 F tovbox
 F tovpack
F unprotect_glyph
F unprotect_glyphs
F unset_attribute

F untracedslide
F use_components
F usedlist
F uses_font
F vianodes
F vianuts
F vpack
F write

packlist
penaltycodes
plugindata

F finalizer
F initializer
S name
T namespace
 N attribute
 D data
 F enable
 F handler
 F register
 D registered
 D values
F processor

points
pool

F baselineskip
F cleanup
F glyph
F hlist
F latelua
F lineskip
F pdfdirectliteral
F pdfliteral
F pdforiginliteral
F pdfrestore
F pdfsave
F pdfsetmatrix
F register
F rule
F savepos
F special
F usage

functi
data t
table

functi
table

prepend	function	serializebox	function
print	function	set_attribute	function
processors	table	setattr	function
F contribute_filter		setattribute	function
B enabled		setattributes	function
F hpack_filter		setboth	function
F post_linebreak_filter		setbox	function
F pre_linebreak_filter		setboxtonaturalwd	function
F tracer		setfield	function
properties	table	setglue	function
T actions		setlink	function
F delayed		setlist	function
F fdelayed		setnext	function
F immediate		setprev	function
F attach		setunsetattributes	function
T data		setwld	function
F delayed		shifts	table
protect_glyph	function	D data	
protect_glyphs	function	F define	
protrusion_skipable	function	F enable	
pts	function	F handler	
radicalcodes	data table	show	function
rangedimensions	function	showboxes	function
reference	function	showcodes	function
references	table	showlist	function
N attribute		showsimplelist	function
T done		skipcodes	data table
F handler		skipvalues	data table
T stack		slide	function
reheap	function	snapshots	table
remove	function	F getparameters	
repackhlist	function	F getsamples	
replace	function	F resetsamples	
report	function	F takesample	
rightmarginwidth	function	somepenalty	function
rulecodes	data table	somespace	function
rules	table	splitbox	function
D data		stripdiscretionaries	function
F define		stripping	table
F enable		T glyphs	
F handler		F set	
F userrule		subtypes	data table

takebox

tasks

- F actions
- F appendaction
- F disableaction
- F disablegroup
- F enableaction
- F enablegroup
- F freeze
- F freezegroup
- F new
- F prependaction
- F removeaction
- F replaceaction
- F restart
- F setaction
- F showactions
- F table

tobasepoints

tocentimeters

tociceros

todidots

todimen

toinches

tomillimeters

tonewciceros

tonewdidots

tonode

tonodes

tonut

topics

topoints

toscaledpoints

tosequence

tostring

totable

totree

toutf

tracers

- T characters
- F collect
- F equal

function

table

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

function

table

F unicodes

T colors

F reset

F set

F setlist

F fontchar

T frequencies

F register

T pool

T nodes

F rule

T nuts

F rule

F resetproperties

F rule

F setlist

F setproperties

F start

T steppers

F check

F codes

F features

F font

F glyphs

F message

F messages

F nofsteps

F register

F reset

F start

F stop

F stop

T transparencies

F reset

F set

F setlist

traverse

traverse_char

traverse_glyph

traverse_id

traverse_list

traversers

functi

functi

functi

functi

functi

table

F list	
F node	
typesetters	table
F hbox	
F hpack	
F tohbox	
F tohpack	
F tonodes	
F to vbox	
F to vpack	
F vpack	
unprotect_glyph	function
unprotect_glyphs	function
unset_attribute	function
unsetattribute	function
unsetattributes	function
usedlist	function
usercodes	data table
uses_font	function

vianodes	function
vianuts	function
visualizebox	function
visualizers	table
F attribute	
T attributes	
F box	
F handler	
F markfonts	
F register	
F setfont	
F setlayer	
F setruledglyph	
F setvisual	
vpack	function
whatcodes	data table
whatsitcodes	data table
write	function

number (context)

	function		
basepoints	function	tobitstring	function
bytetodecimal	function	tocentimeters	function
compactfloat	function	tociceros	function
decimaltobyte	function	tocontext	function
dimenfactors	data table	todidots	function
formatted	function	todimen	function
formattedfloat	function	toevenhex	function
idiv	function	toinches	function
maxdimen	number	tomillimeters	function
nopts	function	tonewciceros	function
percent	function	tonewdidots	function
points	function	tonumberf	function
pts	function	tonumberg	function
signed	function	topicsas	function
sparseexponent	function	topoints	function
splitdimen	function	toscaled	function
tol6dot16	function	toscaledpoints	function
tobasepoints	function	valid	function

objects (context)

data table

dimensions function

found function

n number

page function

reference function

register function

restore function

os (basic lua)

__getenv__	function	remove	overloaded function
__setenv__	function	rename	overloaded function
binsuffix	string	resolvers	table
binsuffixes	table	 F bits	
clock	function	resultof	function
converttime	function	runtime	function
date	function	selfdir	string
difftime	function	setenv	overloaded function
env	data table	setexitcode	function
exec	overloaded function	setlocale	overloaded function
execute	overloaded function	sleep	function
exit	overloaded function	spawn	overloaded function
fulltime	function	time	function
getenv	overloaded function	times	function
gettimeofday	function	timezone	function
isleapyear	function	tmpdir	function
launch	function	tmpname	function
libsuffix	string	today	function
localtime	function	type	string
name	string	uname	function
newline	string	uuid	function
nofdays	function	validdate	function
now	function	weekday	function
pipeto	function	where	function
platform	string	which	function

package (basic lua)

config	string	luapaths	function
cpath	string	path	string
extralibpath	function	poplibpath	function
extralibpaths	function	popluapath	function
extraluapath	function	preload	table
extraluapaths	function	pushlibpath	function
helpers	table	pushluapath	function
libpaths	function	searchers	table
loaded	table	searchpath	function
loaders	table	seeall	function
loadlib	function		

pagebuilders (context)

columnsets table

- F add
- F block
- F check
- F currentcolumn
- F define
- F finishflush
- F flushareas
- F flushcolumn
- F flushrest
- F goto
- F noto
- F prepareflush
- F put
- F registerarea
- F reset
- F setarea

- F sethsize
- F sethspan
- F setlines
- F setproperties
- F setstart
- F setvsize

injections table

- F flushafter
- F flushbefore
- F save

mixedcolumns table

- F cleanup
- F finalize
- F getlist
- F getrest
- F getsplit
- F setsplit

pdf (basic tex)

disablecommand	function	getsuppressoptionalinfo	function
flushpdfimage	function	getthreadmargin	function
fontname	function	gettrailer	function
fontobjnum	function	gettrailerid	function
fontsize	function	getvpos	function
getcatalo	function	getxformattributes	function
getcompresslevel	function	getxformmargin	function
getcreationdate	function	getxformname	function
getdecimaldigits	function	getxformresources	function
getdestmargin	function	hasmatrix	function
getfontname	function	immediateobj	function
getfontobjnum	function	includechar	function
getfontsize	function	includefont	function
getgentounicode	function	includeimage	function
gethpos	function	mapfile	function
getignoreunknownimages	function	mapline	function
getimageresolution	function	maxobjnum	function
getinclusionerrorlevel	function	newcolorstack	function
getinfo	function	obj	function
getlastannot	function	objtype	function
getlastlink	function	pageref	function
getlastobj	function	print	function
getlinkmargin	function	refobj	function
getmajorversion	function	registerannot	overl
getmatrix	function	reserveobj	overl
getmaxobjnum	function	setcatalo	overl
getminorversion	function	setcompresslevel	function
getnames	function	setdecimaldigits	function
getnofobjects	function	setdestmargin	function
getobjcompresslevel	function	setfontattributes	function
getobjtype	function	setforcefile	function
getomitcidset	function	setgentounicode	function
getorigin	function	setignoreunknownimages	function
getpageattributes	function	setimageresolution	function
getpageref	function	setinclusionerrorlevel	function
getpageresources	function	setinfo	overl
getpagesattributes	function	setlinkmargin	function
getpkresolution	function	setmajorversion	function
getpos	function	setminorversion	function

setomitcidset	overloaded function	settrailer	overlo
setorigin	function	settrailerid	overlo
setpageattributes	overloaded function	settypeonewidemode	functi
setpageresources	overloaded function	setxformattributes	functi
setpagesattributes	overloaded function	setxformmargin	functi
setpkresolution	function	setxformresources	functi
setrecompress	function	vfimage	functi
setsuppressoptionalinfo	function	xformname	functi
setthreadmargin	function		

pdf (context)

arraytotable	function	getnofpages	function
close	function	getnumber	function
closestream	function	getpage	function
dictionarytotable	function	getpages	function
encryptioncodes	data table	getsize	function
getarray	function	getstatus	function
getboolean	function	getstream	function
getbox	function	getstring	function
getcatalog	function	gettrailer	function
getdictionary	function	getversion	function
getfromarray	function	new	function
getfromdictionary	function	objectcodes	data table
getfromreference	function	open	function
getfromstream	function	openstream	function
getinfo	function	pagestotable	function
getinteger	function	readfromstream	function
getmemoryusage	function	readwholestream	function
getname	function	type	function
getnofobjects	function	unencrypt	function

pdfscanner (context)

scan function

physics (context)

units table

F registerunit

D tables

publications (context)

addtexentry	function	converttoxml	function
analyze	function	currentspecification	table
anywhere	function	S author	
authorcache	data table	T categories	
authorcollapsers	data table	T article	
authorhashers	table	S category	
F invertedshort		T extra	
F normal		T fields	
F normalinverted		S author	
F normalshort		S editor	
F sequential		S journal	
F sequentialshort		S keywords	
F short		S note	
authormap	data table	S number	
authortoregister	function	S pages	
casters	table	S title	
F author		S volume	
F keyword		S year	
F pagenumber		T optional	
F range		T required	
checkeddataset	function	T sets	
citevariants	table	T author	
F author		T virtual	
F authornum		T book	
F authoryear		S category	
F authoryears		T extra	
F category		T fields	
F default		S address	
F entry		S author	
F index		S edition	
F keywords		S editor	
F num		S keywords	
F page		S note	
F short		S number	
F tag		S publisher	
F textnum		S subtitle	
F year		S title	
collected	data table	S volume	
components	table	S year	

T sets
 T author
 T editionset
T virtual
T demo-a
 S category
 T extra
 T fields
 S author
 S institution
 S organization
 S subtitle
 S title
 S year
 T optional
 T required
T sets
 T author
 T virtual
T demo-b
 S category
 T extra
 T fields
 S author
 S institution
 S organization
 S subtitle
 S title
 S year
 T optional
 T required
T sets
 T authors
 T virtual
S comment
S copyright
T fields
S name
T types
 S author
 S editor
 S keywords

S pages
S volume
S version
D virtual
T virtualfields
 B authornum
 B authoryear
 B authoryears
 B num
 B suffix

datasets	table
detailed	table
endnotes_to_btx	function
enhancer	table

S arguments
T askip
B dirty
T gskip
T kind
T list
 T system
T order
N steps

enhancers	table
------------------	-------

F details
F order
F suffixes

finder	function
firstofrange	function
found	function
get	function
getcasted	function
getdetail	function
getdirect	function
getfaster	function
getfield	function
getfuzzy	function
getindex	function
inspectors	data table
journals	table

F abbreviated
F add

F save	
lastofrange	function
lists	table
F collectentries	
F combiinlist	
F fetchentries	
F filterall	
F flushcombi	
F flushentry	
F flushtag	
T methods	
F dataset	
F force	
F global	
F local	
F nofregistered	
F prepareentries	
F register	
F sameasprevious	
T sorters	
F cite	
F dataset	
F default	
F index	
F list	
F reference	
F short	
F used	
F uservariable	
listvariants	table
F default	
F index	
F num	
F short	
F tag	
load	function
loadbibdata	function
loaddefinitionfile	function
loaders	table
F bbl	
F bib	
F buffer	

F lua	
F refman	
F registercleaner	
F xml	
loadreplacementfile	function
new	function
okay	function
oneorange	function
parenttag	function
permitted	function
prerollcmdstring	function
refman_to_btx	function
resolvedname	function
save	function
savers	table
F bib	
F lua	
F xml	
search	function
setcategory	function
setspecification	function
singularorplural	function
sortedentries	function
sortmethods	table
T authoryear	
T sequence	
specifications	table
T default	
S author	
S comment	
S copyright	
S name	
S version	
D virtual	
splitauthor	function
splitoneauthor	function
statistics	table
N nofbytes	
N nofdatasets	
N nofdefinitions	
N nofshortcuts	
tables	table

D privates		F showtables	
D sets		F showvariants	
D specials		typesetters	table
D types		F author	
D virtuals		F string	
tags	function	usedataset	function
tracers	table	usedentries	function
F showdatasetauthors		writers	table
F showdatasetcompleteness		F author	
F showdatasetfields		F keyword	
F showentry		F pagenumber	
F showfields		F range	
F showhashedauthors			

regimes (context)

backmapping	data table
cleanup	function
disable	function
enable	function
fromregime	function
list	function

mapping	data table
pop	function
process	function
push	function
toregime	function
translate	function

resolvers (context)

allprefixes	function	findpath	f
appendhash	function	findpk	f
automount	function	findtexfile	f
automounted	table	findwildcardfile	f
booleanvariable	function	findwildcardfiles	f
cacheversion	string	formatofsuffix	f
checkedvariable	function	formatofvariable	f
cleanedpathlist	function	formats	d
cleanpath	function	foundintree	f
cleanpathlist	function	foundintrees	f
concatinators	data table	generators	d
configbanner	string	get_from_content	f
configurationfiles	function	getenv	f
criticalvars	data table	getextrapaths	f
dangerous	data table	getfilehashes	f
datastate	function	gethashes	f
defaultsuffixes	table	getownpath	f
dowithfilesandreport	function	getreadfilename	f
dowithfilesintree	function	hashers	d
dowithpath	function	homedir	s
dowithvariable	function	initialized	f
env	function	inputstack	t
executers	table	installinputfilehandler	f
expandbraces	function	installinputlinehandler	f
expandedpathfromlist	function	jobpath	f
expandedpathlist	function	jobs	t
expandedpathlistfromvariable	function	F currentcomponent	
expandpath	function	F currentenvironment	
expandpathfromvariable	function	F currentproduct	
expansion	function	F currentproject	
extendtexmfvariable	function	F justacomponent	
filtered_from_content	function	D processors	
find_file	function	F productcomponent	
find_files	function	F usefile	
findbinfile	function	joinpath	f
findctxfile	function	knownvariables	f
finders	data table	load	f
findfile	function	loadbinfile	f
findfiles	function	loaders	

loadtime	function	resolve	f
locateformat	function	savers	d
locators	data table	scandata	f
luacnffallback	string	scanfiles	f
luacnfname	string	schemes	t
luacnfspec	string	T cleaners	
luacnfstate	string	F md5	
macros	table	F none	
F convertfile		F strip	
F decodecomment		F cleannname	
F enablecomment		F fetchstring	
F encodecomment		F fetchtable	
F preprocessed		F install	
F processmk		setdynamic	f
F processmkvi		setenv	f
F version		setmemstream	f
maxreadlevel	number	showpath	f
methodhandler	function	simplescanfiles	f
openbinfile	function	splitconfigurationpath	f
openers	data table	splitexpansions	f
openfile	function	splitmethod	f
opentexfile	function	splitpath	f
ownpath	string	stackpath	f
popextrapath	function	starttiming	f
poppath	function	stoptiming	f
prefixes	data table	suffixes	d
prependhash	function	suffixmap	d
pushextrapath	function	suffixofformat	f
pushpath	function	texdatablob	f
registerextrapath	function	toppath	f
registerfile	function	unexpandedpath	f
registerfilehash	function	unexpandedpathlist	f
registerintrees	function	unresolve	f
registermethod	function	updaterelations	f
registerzipfile	function	updatescript	f
relations	data table	uselibrary	f
renew	function	usertypes	d
renewcache	function	usezipfile	f
repath	function	validatedpath	f
reset	function	variable	f
resetextrapaths	function	variableofformat	f
resetmemstream	function	variableofformatorsuffix	

sandbox (context)

disablelibraries	function
disablerunners	function
enable	function
filehandlerone	function
filehandlertwo	function
finalizer	function
getrunner	function
initializer	function
iohandler	function
logcalls	function
logfiles	function
original	function
overload	function

possiblepath	function
redefine	function
register	function
registerbinary	function
registerlibrary	function
registerroot	function
registerrunner	function
report	function
setfilenamelogger	function
setlogger	function
setreporter	function
settrace	function
validfilename	function

scripts (context)

autofontfeature table

 F disable

 F enable

 F handler

categorytonumber data table

colors data table

decomposehangul function

defaults table

 N inter_char_half_shrink_factor

 N inter_char_half_stretch_factor

 N inter_char_hangul_penalty

 N inter_char_quarter_shrink_factor

 N inter_char_quarter_stretch_factor

 N inter_char_shrink_factor

 N inter_char_stretch_factor

 N inter_word_stretch_factor

handlers data table

hash table

injectors data table

inserters table

 F nobreakspace_after

 F nobreakspace_before

 F space_after

 F space_before

 F zerowidthspace_after

 F zerowidthspace_before

installdataset function

installmethod function

numbertocategory data table

numbertodataset data table

numbertohandler data table

reset function

set function

splitters data table

set (context)

contains function

create function

tolist function

tonumber function

totable function

sha2 (context)

HASH256 function

HASH384 function

HASH512 function

digest256 function

digest384 function

digest512 function

hash256 function

hash384 function

hash512 function

sio (context)

read2dot14	function
readbytes	function
readbytetable	function
readcardinal1	function
readcardinal2	function
readcardinal3	function
readcardinal4	function
readcardinaltable	function

readfixed2	function
readfixed4	function
readinteger1	function
readinteger2	function
readinteger3	function
readinteger4	function
readintegertable	function

socket (extra lua)

BLOCKSIZE	number	S cc
_DATAGRAMSIZE	number	S comments
_DEBUG	boolean	S connection
_SETSIZE	number	S content-description
_SOCKETINVALID	number	S content-disposition
bind	overloaded function	S content-encoding
choose	overloaded function	S content-id
connect	function	S content-language
connect4	overloaded function	S content-length
connect6	overloaded function	S content-location
dns	table	S content-md5
F getaddrinfo		S content-range
F gethostname		S content-transfer-encoding
F getnameinfo		S content-type
F tohostname		S cookie
F toip		S date
ftp	table	S diagnostic-code
S PASSWORD		S dsn-gateway
N TIMEOUT		S etag
S USER		S expect
F command		S expires
F genericform		S final-log-id
F get		S final-recipient
F open		S from
F put		S host
gettime	function	S if-match
headers	overloaded table	S if-modified-since
T canonic		S if-none-match
S accept		S if-range
S accept-charset		S if-unmodified-since
S accept-encoding		S in-reply-to
S accept-language		S keywords
S accept-ranges		S last-attempt-date
S action		S last-modified
S age		S location
S allow		S max-forwards
S alternate-recipient		S message-id
S arrival-date		S mime-version
S authorization		S original-envelope-id

S proxy-authenticate	F request	
S proxy-authorization	newtry	function
S range	protect	function
S received	report	function
S received-from-mta	select	function
S references	sink	overloaded function
S referer	sinkt	overloaded table
S remote-mta	F close-when-done	
S reply-to	F default	
S reporting-mta	F http-chunked	
S resent-bcc	F keep-open	
S resent-cc	skip	function
S resent-date	sleep	function
S resent-from	smtp	table
S resent-message-id	S DOMAIN	
S resent-reply-to	N PORT	
S resent-sender	S SERVER	
S resent-to	N TIMEOUT	
S retry-after	S ZONE	
S return-path	F message	
S sender	F open	
S server	F send	
S smtp-remote-recipient	source	overloaded function
S status	sourcet	overloaded table
S subject	F by-length	
S te	F default	
S to	F http-chunked	
S trailer	F until-closed	
S transfer-encoding	tcp	function
S upgrade	tcp4	function
S user-agent	tcp6	function
S vary	tp	overloaded table
S via	N TIMEOUT	
S warning	F connect	
S will-retry-until	try	overloaded function
S www-authenticate	udp	function
S x-mailer	udp4	function
F lower	udp6	function
F normalize	url	overloaded table
http	F absolute	
N TIMEOUT	F build	
S USERAGENT	F build_path	

F parse_path

F unescape

sorters (context)

basicsorter	function		
comparers	table		
F basic			B pm
constants	table		B uc
S defaultdigits			B zc
S defaultlanguage			B zm
S defaultmethod		definitions	data table
N digitsmaximum		firstofspl	function
N digitsoffset		packch	function
N ignoredoffset		packuc	function
N replacementoffset		replacementlist	function
T validmethods		setlanguage	function
B ch		sort	function
B mc		splitters	table
B mm		F utf	
B pc		strip	function
		tracers	data table
		update	function

statistics (context)

callbacks	function
checkfmtstatus	function
currenttime	function
elapsed	function
elapsedindeed	function
elapsedseconds	function
elapsedtime	function
enable	boolean
formatruntime	function
hastiming	function
memused	function

register	function
resettiming	function
runtime	function
savefmtstatus	function
show	function
starttiming	function
stoptiming	function
threshold	number
timed	function
tracefunction	function

status (basic tex)

list function
resetmessages function

setexitcode function

storage (context)

allocate	function
data	table
mark	function
marked	function
max	number
min	number
nofmodules	number

noftables	number
register	function
shared	data table
storedfunctions	data table
strip	boolean
tofmodules	number
toftables	number

streams (context)

collect	function
disable	function
enable	function
flush	function
initialize	function

push	function
start	function
stop	function
synchronize	function

string (basic lua)

autodouble	function	quote	function
autosingle	function	quoted	function
booleanstring	function	rep	function
byte	function	replacenewlines	function
bytepairs	function	reverse	function
bytes	function	split	function
bytetable	function	splitlines	function
char	function	splitup	function
characterpairs	function	strip	function
characters	function	sub	function
checkedsplit	function	tformat	function
collapsespaces	function	toHEX	function
containsws	function	toboollean	function
count	function	tobytes	function
dump	function	tocontext	function
escapedpattern	function	todec	function
explode	function	todimen	function
find	function	tohex	function
format	function	tonodes	function
formatter	function	topattern	function
formatters	function	totable	function
fullstrip	function	toutf	function
gmatch	function	tracedchar	function
gsub	function	tracedchars	table
is_boolean	function	unpack	function
is_empty	function	unquote	function
itself	function	unquoted	function
len	function	upper	function
limit	function	utfcharacter	function
longtostring	function	utfcharacters	function
lower	function	utflength	function
match	function	utfpadd	function
nospaces	function	utfpadding	function
nspaces	table	utfvalue	function
optionalquoted	function	utfvalues	function
pack	function	valid	function
packsize	function		

structures (context)

atlocation

function

F prev

blocks

table

F previous

D collected

F raw

F define

F record

F print

F reset

F save

F restart

F select

F restore

F setstate

F save

D states

F set

D tobesaved

F setlevel

F uservariable

F setoffset

bookmarks

table

F setown

T extras

F setstate

F get

F setvalue

F mergesections

T specials

F register

F userpage

F reset

F subs

F tosections

D tobesaved

F finalize

F value

F flatten

F way

F installhandler

currentsectionnumber function

F merge

descriptions table

S method

documents table

F overload

D data

F place

F initialize

F register

F preset

F setup

F reset

counters

table

floats table

F add

formulas table

F analyze

helpers table

F check

F analyze

D collected

F formulanumber

F compact

F merged

F converted

F page

F currentvalue

F pageofinternal

D data

F prefix

F define

F prefixlastpage

F first

F prefixpage

F get

F simplify

inserts

D data
F define
F getdata
F getlocation
F getname
F getnumber
F setlocation
F setup
D stored

itemgroups

lists

F addto
F analyze
B autoreorder
D cached
D collected
F discard
F enhance
T enhancers
F filter
F formulanumber
F getresult
F groupindex
F hasnumberdata
F haspagedata
F hastitledata
F iscached
D kinds
F label
F location
D names
F number
D ordered
F page
F popnesting
F prefix
F prefixednumber
F prefixedpage
F process
D pushed
F pushnesting

table

table

table

T result
F savedlistnumber
F savedlistprefixednumber
F savedlisttitle
D sectionblocks
F sectionnumber
F size
F title
D tobesaved
F userdata
F uservalue

marks

D data
F define
F exists
F fetch
F fetchallmarks
F fetched
F fetchonemark
F fetchtwomarks
F get
F number
F relate
F reset
F set
F show
F synchronize
F title
T tracers
F showtable

notes

F check_spacing
F checkpagechange
F define
F doifonsamepageasprevious
F get
F getdeltapage
F getinternal
F getn
F getstate
F hascontent
F internal

table

table

T numbers
F ordered
F postpone
F resetpostponed
F restore
F save
F setstate
D states
F store

pages

F allmarked
F analyze
D collected
F in_body
F is_odd
F mark
F marked
N nopages
F number
F on_right
F save
D tobesaved
F toranges

references

F analyze
F checkedfile
F checkedfileorurl
F checkedprogram
F checkedrealpage
F checkedurl
D collected
U componentsplitter
F currentmetadata
F currentorder
D currentset
F define
D defined
D derived
F enhance
D executers
F expandcurrent
F export

table

F define
F found
F get
F filter
F filterdefault
D filters
D flaginternals
F from
D functions
F get
F getcurrentmetadata
F getcurrentprefixspec
F getinnermethod
F getinternalcachedlistreference
F getinternallistreference
F getinternalreference
F getoutermethod
D handlers
F identify
F import
F inject
F injectcurrentset
S innermethod
D internals
F load
F loadpresets
F mark
S outermethod
D pages
U prefixsplitter
D productdata
T programs
T data
F define
F get
F realpageofpage
U referencesplitter
D referred
F referredpage
F registerfinalizer
F registerinitializer
F registerpage

- F set
- F setandgetattribute
- F setcomponent
- F setinternalreference
- F setlinkmethod
- F setnextinternal
- F setnextorder
- F setreferencerealpage
- D specials
- F splitcomponent
- F splitprefix
- F splitreference
- F synchronizepage
- T testrunners
 - F inner
 - F special
 - F special operation
 - F special operation with arguments
- T testspecials
 - F deltapage
 - F i
 - F internal
 - F page
 - F realpage
 - F section
 - F userpage
- D tobereferred
- D tobesaved
- D tracedpages
- T urls
 - T data
 - F define
 - F found
 - F get
 - F untex
- D usedinternals
- D usedviews
- F valid

registers

- F analyze
- D collected
- F compare

table

- F extend
- F filter
- F filtercollected
- F finalize
- F findinternal
- F flush
- F get
- F prepare
- F process
- F setmethod
- F sort
- F store
- D tobesaved
- F unique
- F userdata

sections

- F autodepth
- F cct
- D collected
- F current
- F currentblock
- F currentid
- F currentlevel
- F currentsectionindex
- F depthnumber
- F finddata
- F findnumber
- F fullnumber
- F getcurrentlevel
- F getlevel
- F getnumber
- F internalreference
- D levelmap
- D levels
- F matchingtilldepth
- F numberatdepth
- F numbers
- F popblock
- F prefixedconverted
- F pushblock
- F register
- D registered

table

F settagsubsentencesymbol

F setupexport

F setuserproperties

D specifications

F start

F stop

F strip

D taglist

T usewithcare

T images

table (basic lua)

allkeys	function	prepend	function
append	function	print	function
are_equal	function	remove	function
collapsed	function	reverse	function
collapsedhash	function	reversed	function
compact	function	save	function
concat	function	sequenced	function
contains	function	serialize	function
copy	function	setmetatablecall	function
count	function	setmetatableindex	function
derive	function	setmetatableindices	function
deserialize	function	setmetatablekey	function
drop	function	setmetatablenewindex	function
fastcopy	function	sort	function
fastserialize	function	sorted	function
filtered	function	sortedhash	function
flattened	function	sortedhashkeys	function
fromhash	function	sortedhashonly	function
getmetatablekey	function	sortedindexonly	function
getn	function	sortedkeys	function
has_one_entry	function	sortedpairs	function
hashed	function	sparse	function
identical	function	strip	function
imerge	function	sub	function
imerged	function	swapped	function
insert	function	tocontext	function
is_empty	function	tocsv	function
is_simple_table	function	tofile	function
keys	function	tohandle	function
load	function	tohash	function
loweredkeys	function	toxml	function
makeweak	function	twowaymapper	function
merge	function	unique	function
merged	function	unnest	function
mirrored	function	unpack	function
move	function	values	function
pack	function		

tex (basic tex)

attribute	table	getdimen	function
badness	function	getglue	function
box	table	getlccode	function
boxresources	table	getlist	function
F getbox		getlocallevel	function
F getdimensions		getmath	function
F save		getmathcode	function
F use		getmathcodes	function
catcode	table	getmuglue	function
conditionals	data table	getmuskip	function
constants	data table	getnest	function
count	table	getpagestate	function
cprint	function	getsfcode	function
ctdcatcodes	number	getskip	function
ctxcatcodes	number	gettoks	function
definefont	function	getuccode	function
delcode	table	glue	table
dimen	table	hashtokens	function
directives	data table	ifs	data
enableprimitives	function	inimatcodes	number
error	function	init_rand	function
extraprimitives	function	isattribute	function
finish	function	isbox	function
fontidentifier	function	iscount	overflow
fontname	function	isdefined	function
force_synctex_line	function	isdimen	overflow
force_synctex_tag	function	isglue	function
forcehmode	function	ismuglue	function
fprint	function	ismuskip	overflow
get	function	isskip	overflow
get_synctex_line	function	istoken	function
get_synctex_mode	function	istoks	function
get_synctex_tag	function	lccode	table
getattribute	function	linebreak	function
getbox	function	lists	table
getboxresourcebox	function	lua_math_random	function
getboxresourcedimensions	function	lua_math_randomseed	function
getcatcode	function	luacatcodes	number
getcount	function	magicconstants	table

N trueinch

mathcode	table
modes	data table
muglue	table
muskip	table
nest	table
nilcatcodes	number
normal_rand	function
notcatcodes	number
number	function
primitives	function
print	function
prtcacodes	number
resetparagraph	function
romannumeral	function
round	function
run	function
runtoks	function
saveboxresource	function
scale	function
scantoks	function
set	function
set_synctex_line	function
set_synctex_mode	function
set_synctex_no_files	function
set_synctex_tag	function
setattribute	function
setbox	function
setcatcode	function
setcount	function
setdelcode	function
setdimen	function
setglue	function
setlccode	function
setlist	function

setmath	funct
setmathcode	funct
setmuglue	funct
setmuskip	funct
setnest	funct
setsfcode	funct
setskip	funct
settoks	funct
setuccode	funct
sfcode	table
shipout	funct
show_context	funct
skip	table
sp	funct
splitbox	funct
sprint	funct
systemmodes	data
takebox	funct
texcatcodes	numbe
toks	table
tpacatcodes	numbe
tpbcacodes	numbe
tprint	funct
trackers	data
triggerbuildpage	funct
txtcatcodes	numbe
type	funct
uccode	table
uniform_rand	funct
uniformdeviate	funct
uprint	funct
useboxresource	funct
vrbcacodes	numbe
write	funct

texconfig (basic tex)

error_line	number	max_print_line	number
expand_depth	number	max_strings	number
formatname	string	nest_size	number
half_error_line	number	param_size	number
hash_extra	number	save_size	number
init	overloaded function	shell_escape	string
kpse_init	boolean	stack_size	overloaded num
max_in_open	number		

texio (basic tex)

closeinput function
setescape function

write function
write_nl function

token (basic tex)

biggest_char	function	put_next	function
command_id	function	scan_argument	function
commands	function	scan_code	function
create	function	scan_csname	function
expand	function	scan_dimen	function
get_active	function	scan_float	function
get_cmdname	function	scan_glue	function
get_command	function	scan_int	function
get_csname	function	scan_keyword	function
get_expandable	function	scan_keyword_cs	function
get_id	function	scan_list	function
get_index	function	scan_real	function
get_macro	function	scan_string	function
get_meaning	function	scan_token	function
get_mode	function	scan_toks	function
get_next	function	scan_word	function
get_protected	function	set_char	function
get_tok	function	set_lua	function
is_defined	function	set_macro	function
is_token	function	type	function
new	function		

tokens (context)

astable	function	U loadfoundtypescriptfile
bgroup	userdata	U resetctxscanner
bits	table	U rlap
N active		U scratchcounter
N alignment		U scratchdimen
N begingroup		U scratchmuskip
N character		U scratchskip
N close		U scratchtoken
N comment		U secondoftwoarguments
N endgroup		U setfalsevalue
N endofline		U setsectionblock
N escape		U setupsystem
N ignore		U startcolumns
N invalid		U starttabulate
N letter		U starttitle
N mathshift		U startxtitle
N open		U stopcolumns
N other		U stoptabulate
N parameter		U stoptitle
N space		U stopxtitle
N subscript		U texsetup
N superscript		
N whitespace		
cache	table	collectors table
U NC		T data
U NR		F defaultwords
U bf		F dowithwords
U color		F flush
U colordefalc		F install
U colordefflc		F register
U colordefflt		T registered
U colordefrlt		F show
U dofinishreference		F test
U dostarttext		
U finishjob		commands data table
U firstofoneargument		compile function
U firstoftwoarguments		constant function
U gobbleoneargument		converters table
U goto		S toboolean
		S todimen
		S toglua
		S tonumber

defined function
egroup userdata
getters table

F box
F count
F dimen
F glue
F macro
F meaning
F skip
F token

hbox userdata
isdefined function
istoken function
letter function
letters function
new function
other function
pickup function
presets table

T 1 string
T 2 strings
T 3 strings
T 4 strings
T 5 strings
T 6 strings
T 7 strings
T 8 strings

printlist function
scanners table

F argument
F boolean
F code
F conditional
F count
F csname
F dimen
F dimension
F float
F glue
F integer
F keyword

F lxmld
F number
F real
F scanclose
F scanopen
F skip
F string
F table
F token
F tokens
F toks
F word

setters table

F box
F char
F count
F dimen
F glue
F lua
F macro
F skip

shortcuts table

T bits
N active
N alignment
N begingroup
N character
N close
N comment
N endgroup
N endofline
N escape
N ignore
N invalid
N letter
N mathshift
N open
N other
N parameter
N space
N subscript
N superscript

F inspect	F scantable
N open	F scanword
F report	F toboolean
F scanboolean	F todimen
F scanclose	T tokens
F scancode	F astable
F scanconditional	U bgroup
F scancname	T cache
F scandimen	U NC
F scandimension	U NR
F scaninteger	U bf
F scankeyword	U color
F scankeywordcs	U colordefalc
F scanlist	U colordefflc
T scanners	U colordefflt
F argument	U colordefrlt
F boolean	U dofinishreference
F code	U dostarttext
F conditional	U finishjob
F count	U firstofoneargument
F cname	U firstoftwoarguments
F dimen	U gobbleoneargument
F dimension	U goto
F float	U iftrue
F glue	U input
F integer	U loadfoundtypescriptfile
F keyword	U resetctxscanner
F keywordcs	U rlap
F list	U scratchcounter
F lxmlid	U scratchdimen
F number	U scratchmuskup
F real	U scratchskip
F scanclose	U scratchtoken
F scanopen	U secondoftwoarguments
F skip	U setfalsevalue
F string	U setsectionblock
F table	U setupsystem
F token	U startcolumns
F tokens	U starttabulate
F toks	U starttitle
F word	U startxtitle
F scannumber	U stopcolumns

U stopxtitle
 U texsetup
 T collectors
 F defaultwords
 F dowithwords
 F flush
 F install
 F register
 F show
 F test
 D commands
 F compile
 F constant
 T converters
 S toboolean
 S todimen
 S toglue
 S tonumber
 S tostring
 F create
 F defined
 U egroup
 T getters
 F box
 F count
 F dimen
 F glue
 F macro
 F meaning
 F skip
 F token
 U hbox
 F isdefined
 F istoken
 F letter
 F letters
 F new
 F other
 F pickup
 T presets
 F printlist

T setters
 F box
 F char
 F count
 F dimen
 F glue
 F lua
 F macro
 F skip
 T shortcuts
 N close
 F inspect
 N open
 F report
 F scanboolean
 F scanclose
 F scancode
 F scanconditional
 F scansname
 F scandimen
 F scandimension
 F scaninteger
 F scankeyword
 F scankeywordcs
 F scanlist
 F scannumber
 F scanopen
 F scanstring
 F scantable
 F scanword
 F toboolean
 F todimen
 F tonumber
 F tostring
 U vbox
 U vtop
 F tonumber
 F tostring

vbox userdata
vtop userdata

tracers (context)

count	function
cs	function
dimen	function
knownlist	function
lists	table
T context	
T internals	
T scratch	
name	function

primitive	function
prnterror	function
prntwarning	function
showlines	function
strings	table
S undefined	
toks	function
type	function

trackers (context)

data	data table	name	string
default	function	register	function
disable	function	report	function
done	table	reset	function
dumphashtofile	function	savehash	function
enable	function	show	function
list	function	value	function

typesetters (context)

alignments table

F handler

F set

breakpoints table

F define

F handler

D mapping

T methods

T numbers

F set

F setreplacement

cases table

T actions

F handler

F register

F set

characteralign table

F handler

F resetcharacteralign

F setcharacteralign

characters table

F handler

T methods

F replacensp

F replacenspaces

checkers table

F handler

F reset

F set

cleaners table

F handler

F set

digits table

T actions

F handler

F set

directions table

F getfences

F getglobal

T handlers

F installhandler

F processmath

F set

F setcolor

F setmath

F tomode

firstlines table

T actions

F default

F line

F word

F handler

F set

fontkerns table

F handler

initials table

T actions

F default

F addanchortoline

F addtoline

F calculatedelta

F checkline

F handler

F moveinline

F normalize

F set

injectors table

F check

T list

F mark

F reset

F set

F show

italics table

F enablemath

F enabletext

F forcevariant

F handler

kerns table

D factors
F handler
F keepligature
D mapping
F set

manipulators table

F apply
F applyspecification
T methods
F Word
F Words
F abbreviatedjournal
F expandedjournal
F lowercase
F stripperperiod
F uppercase
T patterns
U list
U pair
F splitspecification

margins table

F finalhandler
F globalhandler
F localhandler
F save

marksuspects function

paragraphs table

F addanchortoline
F addtoline
F calculatedelta
F checkline
F handler
F moveinline
F normalize
F set

periodkerns table

D factors
F handler
D mapping
F set

processors table

F apply
F register
F reset
F split
F startapply
F stopapply
F stripped
F tostring

rubies table

F attach
F check

showsuspects function

spacings table

F define
F handler
D mapping
T numbers
T frenchpunctuation
T characters
S name
N number

F reset

F set

F setup

wrappers table

F handler

xtables table

F cleanup
F construct
F create
F finish_row
F flush
F initialize_construct
F initialize_reflow_height
F initialize_reflow_width
F next_row
F reflow_height
F reflow_width
F set_construct
F set_reflow_height
F set_reflow_width

updaters (context)

apply function

register function

url (context)

addscheme	function
barepath	function
construct	function
decode	function
encode	function
escape	function
filename	function

hashed	function
hasscheme	function
query	function
split	function
toquery	function
unescape	function
unescapeget	function

utf8 (context)

char function
charpattern string
codepoint function

codes function
len function
offset function

utilities (context)

debugger table

- F disable
- F enable
- F savestats
- F showstats
- F showtraceback

files table

- F close
- F getposition
- F getsize
- F look
- F open
- F read2dot14
- F readbyte
- F readbytes
- F readbytetable
- F readcardinal
- F readcardinal1
- F readcardinal2
- F readcardinal2le
- F readcardinal3
- F readcardinal3le
- F readcardinal4
- F readcardinal4le
- F readcardinaltable
- F readchar
- F readfixed2
- F readfixed4
- F readinteger
- F readinteger1
- F readinteger2
- F readinteger2le
- F readinteger3
- F readinteger3le
- F readinteger4
- F readinteger4le
- F readintegertable
- F readsignedbyte
- F readstring

- F size
- F skip
- F skiplong
- F skipposition
- F skipshort
- F writebyte
- F writecardinal2
- F writecardinal4
- F writestring

formatters table

- F formatcolumns
- F list
- F stripzeros

garbagecollector table

- F check
- N criterium
- B enabled

lua table

- B alwaysstripcode
- F checkmemory
- F compile
- F loadedluacode
- F loadstring
- F loadstripped
- N nofstrippedbytes
- N nofstrippedchunks
- F registerfinalizer
- B stripcode
- T strippedchunks
- F strippedloadstring
- T suffixes
- S lua
- S luc
- S lui
- S luj
- S luv
- S tma
- S tmc
- S tua

F hashed	B modern-condensed
F new	B modern-light-condensed
F pack	T modern-light,latin-modern-light
F simplehashed	B latin-modern-light
F strip	B latin-modern-light-designsize
F unpack	B modern-light
N version	T modern-mono,modern-base-mono
parsers	B modern-base-mono
	B modern-mono
F add_settings_to_array	T modern-variable,latin-modern-variable
F arguments_to_table	B latin-modern-variable
F array_to_string	B latin-modern-variable-designsize
F csvsplitter	B modern-variable
F getparameters	T modernvariable,modern-variable
F groupedsplitat	B modern-variable
F hash_to_string	B modernvariable
T hashes	T modernvariablelight,modern-variablelight
T settings_to_set	B modern-variable-light
T min,max,fit,broad,auto	B modernvariablelight
B auto	T serif,sans,mono
B broad	B mono
B fit	B sans
B max	B serif
B min	T text,hidden,paper,page,leftpage,hidden
T modern,latin-modern	B leftpage
B latin-modern	B modern-condensed,latin-modern-condensed
B modern	B paper
T modern,latin-modern,modern-variable,latin-modern-variable,modern-variable	B rightpage
B latin-modern	B text
B latin-modern-condensed	F iterator
B latin-modern-variable	F keq_to_hash
B modern	F listitem
B modern-condensed	F make_settings_to_hash_pattern
B modern-variable	F mergehashes
T modern,latin-modern-designsize,latin-modern	F options_to_array
B latin-modern	F options_to_hash
B latin-modern-designsize	T patterns
B modern	U settings_to_array
T modern,modern-base	U settings_to_hash_a
B modern	U settings_to_hash_c
B modern-base	U settings_to_hash_c
T modern-condensed,latin-modern-condensed-designsize,latin-modern-condensed	
B latin-modern-condensed	

F process_stripped_settings		F replaceaction	
F rfc4180splitter		F setkind	
F runtime		F tostring	
F settings_to_array		setters	table
F settings_to_array_obey_fences		F disable	
F settings_to_array_with_repeat		F enable	
F settings_to_hash		F initialize	
F settings_to_hash_colon_too		F list	
F settings_to_hash_strict		F new	
F settings_to_hash_tolerant		F register	
F settings_to_numbers		F report	
F settings_to_set		F reset	
F simple_hash_to_string		F show	
F splitmethod		stacker	table
F splitthousands		F new	
F stepper		storage	table
F stripped_settings_to_array		F allocate	
F unittotex		F checked	
F unittotxml		F mark	
randomizer	table	F marked	
F get		F setinitializer	
F getnumber		F sparse	
F getseed		streams	table
F popseed		F close	
F pushseed		F getposition	
F reuseseed		F look	
F setseed		F open	
F setseedi		F openstring	
report	function	F read2dot14	
sequencers	table	F read2dot4	
F appendaction		F readbyte	
F appendgroup		F readbytes	
F compile		F readbytetable	
F disableaction		F readcardinal	
F disablegroup		F readcardinal1	
F enableaction		F readcardinal2	
F enablegroup		F readcardinal2LE	
D functions		F readcardinal3	
F localize		F readcardinal3le	
F new		F readcardinal4	
F nodeprocessor		F readcardinaltable	
F prependaction		F readchar	

F readinteger
F readinteger1
F readinteger2
F readinteger2le
F readinteger3
F readinteger3le
F readinteger4
F readinteger4le
F readintegertable
F readsignedbyte
F readstring
F setposition
F size
F skip
F skipbytes
F skiplong
F skipshort

strings table

F collapse
F collapseCrLf
T formatters
 F add
 F new
F newcollector
F newrepeater
F nice
T striplinepatterns

U collapse
U prune
U prune and collapse
U prune and no empty
U prune and to space
U retain
U retain and collapse
U retain and no empty

F striplines
F striplong
F tabtospace
T tracers

tables table

F accesstable
F definedtable
F definetable
F encapsulate
F insertaftervalue
F insertbeforevalue
F migratetable
F removevalue
F replacevalue

templates table

F load
F replace
F replacer
F resolve

vf (context)

char	function
down	function
fontid	function
image	function
node	function
nop	function

pdf	function
pop	function
push	function
right	function
rule	function
special	function

visualizers (context)

escapepatterns	data table
getspecification	function
getvisualizer	function
load	function
makenested	function
makepattern	function
newgrammar	function
newhandler	function
parsedxml	function
pattern	function
register	function
registerescapecommand	function
registerescapepline	function
registerescapepattern	function

signal	string
signalpattern	userdata
specifications	data table
visualize	function
visualizebuffer	function
visualizefile	function
visualizestring	function
write	function
writeargument	function
writedefault	function
writeemptyline	function
writenewline	function
writespace	function

xml (context)

addentitiesdoctype	function
addspecialcode	function
after	function
all	function
applylpath	function
applyselector	function
assign	function
attribute	function
badinclusions	function
before	function
body	function
builtinentities	table
B amp	
B apos	
B gt	
B lt	
B quot	
cdata	function
cdatatotext	function
checkbom	function
checkerror	function
checknamespace	function
checkns	function
cleansed	function
collect	function
collect_elements	function
collect_tags	function
collect_texts	function
collected	function
collecttexts	function
content	function
convert	function
copy	function
count	function
cprint	function
css	table

F applyselector
F colorspecification
F dimension

F padding	
F stylevalue	
F todimension	
defaulthandlers	table
D file	
D parsedxml	
D string	
D tex	
D texline	
D texspace	
D verbose	
defaultprotocol	string
delete	function
delete_element	function
despecialized	function
each	function
each_element	function
elements	function
elementtocdata	function
empty	function
entities	data tab
erase	function
errorhandler	function
escaped	function
expressions	table

F boolean
F child
F contains
F count
F error
F find
F hasclass
F idstring
F lower
F name
F number
F oneof
F print
F quit

F undefined		F chainattribute	
F upper		F count	
fillin	function	F default	
filter	function	F elements	
finalizers	table	F empty	
F paragraphs		F first	
T tex		F function	
F all		F index	
F attribute		F last	
F chainattribute		F lowerall	
F chainpath		F match	
F command		F name	
F concat		F position	
F concatrange		F reverse	
F context		F table	
F count		F tag	
F ctxtext		F tags	
F default		F text	
F first		F texts	
F function		F upperall	
F index		first	function
F last		found	function
F lettered		functions	table
F lower		F classes	
F lowerall		F hasclass	
F match		getbuffer	function
F name		gethandlers	function
F param		gethandlersfunction	function
F parameter		helpers	table
F position		F recursetext	
F reverse		include	function
F stripped		inclusion	function
F tag		inclusions	function
F tags		index	function
F text		inheritedconvert	function
F upper		inject	function
F upperall		inject_element	function
F xml		inject_element_after	function
T xml		inject_element_before	function
F all		injectafter	function
F att		injectbefore	function
F attribute		insert	function

insert_element_before	function
insertafter	function
insertbefore	function
insertcdata	function
insertcomment	function
inspect	function
is_valid	function
kind	function
last	function
lastmatch	function
load	function
lpath	function
lpathcached	function
lpathcalls	function
lshow	function
makestandalone	function
match	function
name	function
newhandlers	function
nodesettostring	function
originalload	function
package	function
parent	function
parsedentitylpeg	userdata
pihandlers	table
F injector	
F tex	
placeholders	table
F unknown_any_entity	
F unknown_dec_entity	
F unknown_hex_entity	
popmatch	function
position	function
privatecodes	table
privatetoken	function
process	function
process_attributes	function
process_elements	function
processattributes	function
profiled	table
pure	function
pushmatch	function

registerns	function
reindex	function
remap_name	function
remap_namespace	function
remap_tag	function
remapname	function
remapnamespace	function
remaptag	function
rename	function
renamespace	function
reparsedentitylpeg	userdata
replace	function
replace_element	function
resetinjectors	function
resolvns	function
root	function
save	function
selection	function
separate	function
serialize	function
serializetotext	function
setcdata	function
setcomment	function
sethandlersfunction	function
setinjectors	function
setproperty	function
settings	function
specialcodes	table
S "	
S #	
S \$	
S %	
S &	
S '	
S <	
S >	
S \	
S {	
S	
S }	
S ~	
specialhandler	table

strip	function
strip_whitespace	function
stripelement	function
stripleadingspaces	function
table	function
text	function
textonly	function
texttocdata	function
tocdata	function
toelement	function
tostring	function
totable	function

toxml	function
tprint	function
traverse	function
unescaped	function
unescapedentitylpeg	userdata
unprivatized	function
unspecialized	function
withelement	function
withelements	function
wrap	function
xmlns	table

zip (extra lua)

archives	table	openarchive	function
close	function	openfile	function
closearchive	function	registeredfiles	table
open	overloaded function	type	function

zlib (extra lua)

adler32	function
compress	function
compressobj	function
crc32	function

decompress	function
decompressobj	function
version	function