

MP UsedCommands attributes backends bit
bit32 blobs boolean buffers builders caches
callback callbacks catcodes characters
chemistry commands containers context
converters coroutine ctxrunner debug dir
directives document documentdata
environment epdf experiments figures file
floats font fontloader fonts functions
global graphics gzip img interactions
interfaces io jit job lang languages
layouts lfs libraries lmx logs lpdf lpeg
ltn12 lua luatex lxml math mathematics mbox
md5 metapost mime moduledata modules mp
mplib newtoken noads node nodes number os
package pagebuilders parametersets pdf
pdfscanner physics profiler publications
regimes resolvers sandbox scripts set
socket sorters statistics status storage
streams string structures table tex
texconfig texio thirddata token tokens
tracers trackers typesetters unicode url
userdata utilities vf visualizers xml zip
zlib

ConTEXt MkIV

global (alias: _G)

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_MAJORVERSION	number	figures	table
_MINORVERSION	number	file	table
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chemistry	table	interfaces	table
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rawequal	function	vf	table
rawget	function	visualizers	table
rawlen	function	xml	table
rawset	function	xpcall	function
regimes	table		

zip
zlib

table
table

attributes (context)

colorintents table

- N attribute
- D data
- F enable
- F handler
- F register
- D registered

colors table

- N attribute
- F cmyk
- F cmyktogray
- F cmyktorgb
- F colorcomponents
- B couple
- D data
- N default
- F defineintermediatecolor
- F definemultitonecolor
- F defineprocesscolor
- F definesimplegray
- F definespotcolor
- F definetransparency
- F enable
- F filter
- F forcedmodel
- F forcesupport
- F formatcolor
- F formatgray
- F gray
- F graytohsv
- F handler
- F hsvtorgay
- F hsvtorgb
- F iccprofile
- F isblack
- N main
- S model
- D models
- F mpcolor
- F mpnamedcolor
- F mpoptions

- U none
- F popset
- F processcolorcomponents
- F pushset
- F register
- D registered
- F registerspotcolor
- F rgb
- F rgbtocmyk
- F rgbtorgay
- F rgbtohsv
- N selector
- F setlist
- F setmodel
- D sets
- F spec
- F spot
- F spotcolorname
- F spotcolorparent
- F spotcolorvalue
- B supported
- F transparencycomponents
- B triggering
- F usecolors
- F value
- D values
- B weightgray

define function effects table

- N attribute
- D data
- F enable
- F handler
- F register
- D registered
- D values

handlers table list data table names data table negatives table

- N attribute

D data		D registered
F enable		F resolve_begin
F handler		F resolve_end
F register		F resolve_reset
D registered		F resolve_step
numbers	data table	D scopes
ofnode	function	F setfeatures
private	function	F start
public	function	F stop
showcurrent	function	B supported
states	table	D values
F disabletriggering		
F enabletriggering		
F finalize		
F initialize		
F process		
F selective		
F stacked		
F stacker		
system	function	
transparencies	table	
N attribute		
D data		
F enable		
F forcesupport		
F handler		
U none		
F register		
D registered		
B supported		
B triggering		
F value		
D values		
unsetvalue	number	
viewerlayers	table	
N attribute		
D data		
F define		
F enable		
F forcesupport		
F handler		
B hasorder		
D listwise		
F register		

backends (context)

codeinjections table

F synchronizecolormodel

current string

defaults table

T codeinjections

F gethpos

F getmatrix

F getpos

F getvpos

F hasmatrix

T nodeinjections

T registrations

D tables

install function

nodeinjections table

F restore

F save

F transform

nothing function

pdf table

T codeinjections

F addbookmarks

F attachmentid

F clonefield

F definefield

F definefieldset

F defineviewerlayer

F embedfile

F enabletags

F exportformdata

F getbookmarks

F getdefaultfieldvalue

F getfieldcategory

F getfieldset

F getformatoption

F gethpos

F getmatrix

F getoutputfilename

F getpos

F getpreviewfigure

F getvpos

F hasmatrix

F insertrenderingwindow

F mergebookmarks

F mergereferences

F mergeviewerlayers

F prerollreference

F presetsymbol

F presetsymbollist

F processrendering

F registerdocumentcloseaction

F registerdocumentopenaction

F registeredsymbol

F registerpagecloseaction

F registerpageopenaction

F registersymbol

F setfieldcalculationset

F setfigurealternative

F setfigurecolorspace

F setfiguremask

F setformat

F setformsmethod

F setpagetransition

F setupcanvas

F setupidentity

F setxmpfile

F startlayer

F stoplayer

F supportedformats

F unicodetoactualtext

F useviewerlayer

F validfield

F validfieldcategory

F validfieldset

S comment

T nodeinjections

F addtags

F annotation

F attachfile

F changestackedlayer

F cmykcolor

F comment

- F destination
- F effect
- F graycolor
- F injectbitmap
- F insertmovie
- F insertsound
- F insertswf
- F insertu3d
- F knockout
- F negative
- F overprint
- F positive
- F reference
- F rgbcolor
- F spotcolor
- F startlayer
- F startstackedlayer
- F stoplayer
- F stopstackedlayer
- F transparency
- F typesetfield
- T registrations
 - F cmykindexcolor
 - F cmykspotcolor
 - F getspotcolorreference
 - F grayindexcolor
 - F grayspotcolor
 - F rgbindexcolor
 - F rgbspotcolor
 - F spotcolorname
 - F transparency
- T tables
 - D vfspecials

registrations table

tables table

bit (context)

arshift	function
band	function
bnot	function
bor	function
bswap	function
bxor	function
lshift	function
rol	function
ror	function
rshift	function
tobit	function
tohex	function

bit32 (basic lua)

arshift	function
band	function
bnot	function
bor	function
btest	function
bxor	function
extract	function
lrotate	function
lshift	function
replace	function
rrotate	function
rshift	function

blobs (context)

append	function
dimensions	function
dispose	function
new	function
pack	function
strdp	function
strhd	function
strht	function
strwd	function
tohpack	function
tohpackfast	function
tonodes	function
tovpack	function
tovpackfast	function
write	function

boolean (context)

tocontext function

tonumber function

buffers (context)

append	function
assign	function
collectcontent	function
erase	function
exists	function
getcontent	function
getlines	function
loadcontent	function
parallel	table
F define	
F hassomecontent	
F next	
F place	
F reset	
F save	
pickup	function
prepend	function
raw	function
undent	function

builders (context)

kernel table

- F hyphenation
- F kerning
- F ligaturing
- F mlist_to_hlist
- T originals
 - F hyphenate
 - F kerning
 - F ligaturing

paragraphs table

- T constructors
 - N attribute
 - F define
 - F disable
 - F enable
 - F handler
 - T methods
 - F basic
 - F default
 - F oneline
 - D names
 - D numbers
 - F set
 - F start
 - F stop
- T expansion
 - F trace
- F kepttogether
- F registertogether
- T solutions
 - T splitters
 - F define
 - F optimize
 - T registered
 - F reset
 - F set
 - F split
 - F start
 - F stop
- F tag

vspacing table

- F analyze
- D categories
- F collapsevbox
- T data
 - D map
 - D skip
 - D snapmethods
- F definesnapmethod
- B fixed
- F pagehandler
- F resetprevdepth
- F setmap
- F setskip
- F snapbox
- F tocategories
- F tocategory
- F vboxhandler

caches (context)

ask	boolean
base	string
collapsecontent	function
configfiles	function
contentstate	function
defaults	table
define	function
direct	boolean
force	boolean
getfirstreadablefile	function
getfirstreadablefile_TEST_ME_FIRST	function
getreadablepaths	function
getwritablepath	function
hashed	function
is_writable	function
loadcontent	function
loaddata	function
more	string
relocate	boolean
savecontent	function
savedata	function
setfirstwritablefile	function
setluanames	function
tree	string
treehash	function
usedpaths	function

callback (basic tex)

find function

list function

register overloaded function

callbacks (context)

freeze	function
known	function
list	data table
pop	function
push	function
register	function
report	function

catcodes (context)

names data table

numbers data table

register function

characters (context)

activeoffset	number	S B
adobename	function	S C
bidirectional	data table	S D
blockrange	function	S E
blocks	data table	S F
casemap	table	S G
categories	data table	S H
category	function	S I
categorytags	data table	S J
collapsed	data table	S K
combined	data table	S L
contextname	function	S M
data	data table	S N
decomposed	data table	S O
define	function	S P
description	function	S Q
descriptions	data table	S R
directions	table	S S
encodes	data table	S T
entities	data table	S U
fallbacks	data table	S V
filters	data table	S W
fromnumber	function	S X
fschars	data table	S Y
fscodes	data table	S Z
getrange	function	S Å
graphemes	data table	S Á
hangul	data table	S Â
initialize	function	S Ã
is_character	data table	S Ä
is_command	data table	S Å
is_letter	data table	S Æ
is_mark	data table	S Ç
is_punctuation	data table	S È
is_spacing	data table	S É
lcchars	data table	S Ê
lccode	function	S Ë
lccodes	data table	S Ì
lettered	function	S Í
lhash	table	S Î
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linebreaks	table	mirrors	table
S ai		otfscripts	data table
S al		ranges	data table
S b2		registerentities	function
S ba		remap_hangul_syllabe	function
S bb		setcodes	function
S bk		shape	function
S cb		shaped	function
S cj		shash	table
S cl		S Å	
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math	table	S ä	
mathpairs	data table	S å	

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S	shchars	data table
S	shcodes	data table
S	showstring	function
S	specialchars	data table
S	specials	data table
S	splits	table
S	T char	
S	T compat	
S	subscripts	table
S	superscripts	table
S	synonyms	data table
S	tex	table
S	D accentmapping	
S	D commandmapping	
S	F defineaccents	
S	F safechar	
S	F toutf	
S	F toutfpattern	
S	textclasses	table
S	tonumber	function
S	ucchars	data table
S	uccode	function
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chemistry (context)

component	function
define	function
definitions	data table
format	string
instance	string
molecule	function
moleculeparser	userdata
start	function
stop	function
structures	number
undefine	function

commands (context)

Alphabetic	function	btxcollectlistentries	function
Character	function	btxdetail	function
Characters	function	btxdoif	function
Romannumerals	function	btxdoifelse	function
abjadnodotnumerals	function	btxdoifelsesameasprevious	function
abjadnumerals	function	btxdoifelseuservariable	function
addbtxentry	function	btxdoifnot	function
addcounter	function	btxexpandedjournal	function
addlinklistelement	function	btxfetchlistentries	function
addreplacements	function	btxfield	function
addtojavascriptpreamble	function	btxfieldname	function
addtolist	function	btxfieldtype	function
allinputpaths	function	btxfirstofrange	function
alphabetic	function	btxflush	function
analysefloatmethod	function	btxflushlistentry	function
analyzeitemgroup	function	btxflushpages	function
analyzelist	function	btxfoundname	function
analyzeregister	function	btxfoundtype	function
applytochars	function	btxhandlecite	function
applytofirstcharacter	function	btxhandlenocite	function
applytowords	function	btxlistvariant	function
assignbuffer	function	btxloadjournalist	function
attachproperty	function	btxoneorrange	function
autofinishstructurelevels	function	btxpreparelistentries	function
autonextspace	function	btxsavedataset	function
autonextstructurelevel	function	btxsavejournalist	function
autosetups	function	btxsingularorplural	function
autostarttext	function	btxtoregister	function
autostoptext	function	btxuservariable	function
averagecharwidth	function	buildtextaccent	function
boolcase	function	character	function
boxtostring	function	characters	function
btx_a_f	function	chardescription	function
btx_a_i	function	checkcharactersinfont	function
btx_a_j	function	checkcounterssetup	function
btx_a_s	function	checkedconversion	function
btx_a_v	function	checkedpagefloat	function
btxabbreviatedjournal	function	checkinjector	function
btxaddjournal	function	checktwopassdata	function
btxauthor	function	chemicalcomponent	function
btxauthorfield	function	chineseallnumerals	function

chinesecapnumerals	function	definefilesynonym	function
chinesenumerals	function	definefont_one	function
cleanfontname	function	definefont_two	function
cleanupbox	function	definefontfamily	function
cleanuplayers	function	definefontfeature	function
clonefield	function	definefontsolution	function
collectfloat	function	definehyphenationfeatures	function
collecthelp	function	defineinsertion	function
collecttokens	function	defineintermediatecolor	function
colorcomponents	function	definelabels	function
concatcommalist	function	definelanguage	function
consultfloat	function	definelinkedlist	function
convertbtxdatasettoxml	function	definemarking	function
convertedddimen	function	definemetafont	function
cos	function	definemultitonecolor	function
cosd	function	definenote	function
countvalue	function	defineparallel	function
counttwopassdata	function	defineparbuilder	function
ctxfunction	function	defineprocesscolor	function
currentcomponent	function	defineprogram	function
currentdate	function	definereference	function
currentenvironment	function	defineregister	function
currentproduct	function	definesectionlevels	function
currentproject	function	defineselectfont	function
currentreferencedefault	function	definesnapmethod	function
currentreferenceorder	function	definespotcolor	function
currentregime	function	definestructureblock	function
currentsectiontolist	function	definestructureset	function
datasetvariable	function	definetransparency	function
dayname	function	definetwopasslist	function
deferredproperty	function	defineviewerlayer	function
defineattribute	function	defrostrandomseed	function
definebreakpoint	function	depthnumber	function
definebreakpoints	function	digits	function
definecatcodetable	function	disableautofontscript	function
definecharacterspacing	function	disableparbuilder	function
definechemical	function	disableregime	function
defineconversion	function	disablespellchecking	function
definecounter	function	discardfromlist	function
definedviewerlayer	function	doanalyzeframedbox	function
definefallbackfamily	function	doif	function
definefield	function	doifblackelse	function
definefieldset	function	doifcommonelse	function
definefilefallback	function	doifcounter	function

doifdimenstringelse	function	doreshapeframedbox	function
doifdrawingblackelse	function	dostarttextfile	function
doifelse	function	dostoptextfile	function
doifelsebuffer	function	elapsedtime	function
doifelsecontinewithfile	function	enableautofontscript	function
doifelseconverter	function	enablecolor	function
doifelsecounter	function	enablecolorintents	function
doifelsecurrentfonthasfeature	function	enablecrlf	function
doifelseintwopassdata	function	enablefontcolorschemes	function
doifelsemarking	function	enableparbuilder	function
doifelsemessage	function	enableregime	function
doifelseparallel	function	enablespellchecking	function
doifelsereference	function	enabletransparency	function
doifelsesavedfloat	function	enhancelinkedlist	function
doifelsespaces	function	enhancelist	function
doifelseutfmathabove	function	enhancereference	function
doifelseutfmathaccent	function	enhanceregister	function
doifelseutfmathbelow	function	erasebuffer	function
doifelseutfmathfiller	function	execute	function
doifelsevisualizer	function	expandcurrentreference	function
doiffielddcategoryelse	function	exportformdata	function
doiffielddelse	function	exportreferences	function
doiffielddsetelse	function	extendregister	function
doiffiledefinedelse	function	extensiblecode	function
doiffileexistelse	function	feature	function
doiffirstcharelse	function	featureattribute	function
doifinputfileelse	function	featurelist	function
doifinsetelse	function	feedback	function
doifleapyearelse	function	fetchallmarks	function
doiflisthasentry	function	fetchonemark	function
doiflisthasnumberelse	function	fetchtwomarks	function
doiflisthaspageelse	function	figurefilename	function
doiflisthastitleelse	function	figurefilepath	function
doiflocfileelse	function	figurefiletype	function
doifnot	function	figurerequest	function
doifnotcounter	function	figurestatus	function
doifnotecontent	function	figureused	function
doifnoteonsamepageasprevious	function	figurevariable	function
doifobjectreferencefoundelse	function	filterdefaultreference	function
doifolderversionelse	function	filterreference	function
doifparentfileelse	function	finalizebox	function
doifpathexistelse	function	findtwopassdata	function
doifurldefinedelse	function	firstcountervalue	function
doprocstypescriptfile	function	firstinset	function

flushfloat	function	getlasttwopassdata	function
flushmarked	function	getmarking	function
flushnotes	function	getmessage	function
flushpostponedblocks	function	getmpextensions	function
flushpostponednotes	function	getnotestate	function
flushtokens	function	getplaceholderchar	function
fontchar	function	getprivatechar	function
fontcharbyindex	function	getprogram	function
fontcollectionclone	function	getrandomcounta	function
fontcollectiondefine	function	getrandomcountb	function
fontcollectionprepare	function	getrandomseed	function
fontcollectionregister	function	getreadfilename	function
fontcollectionreport	function	getsectionnumber	function
fontcollectionreset	function	getstructuredata	function
fontlookupgetkey	function	getsubstring	function
fontlookupgetkeyofindex	function	gettexbuffer	function
fontlookupinitialize	function	gettwopassdata	function
fontlookupnofound	function	gettwopassdatalist	function
forceendjob	function	geturl	function
forcequitjob	function	grabbuffer	function
format	function	hboxtovbox	function
formatcolor	function	helpaction	function
formatgray	function	helpreference	function
freezerandomseed	function	hexstringtonumber	function
from	function	horizontalcode	function
getbidimode	function	hour	function
getbodyfontsizes	function	hyphenatedlist	function
getbuffer	function	hyphenatedurl	function
getbufferctxlua	function	D characters	
getbuffermkvi	function	N lefthyphenmin	
getcommandline	function	D mapping	
getctxfile	function	N righthyphenmin	
getcurrentprefixspec	function	F setcharacters	
getcurrentreferencemetadata	function	immediateproperty	function
getcurrentsectionlevel	function	incrementedcounter	function
getdefaultfieldvalue	function	initializetexdirectives	function
getelementtag	function	initializetextrackers	function
getfieldcategory	function	injectcurrentreference	function
getfirstcharacter	function	injectreference	function
getfirsttwopassdata	function	inlinechemical	function
getfloatvariable	function	insertattachment	function
getfullsectionnumber	function	insertcomment	function
getinternallistreference	function	insertfield	function
getinternalreference	function	insertionnumber	function

insertrenderingwindow	function	mixflushrest	function
insertsoundclip	function	mixgetsplit	function
installedlanguages	function	mixsetsplit	function
installtexdirective	function	mixstate	function
installtextracker	function	molecule	function
languagenumber	function	month	function
lastcountervalue	function	monthmnm	function
lastofrange	function	monthname	function
lchexnumber	function	mpcolor	function
lchexnumbers	function	mpoptions	function
leapyear	function	mprunvar	function
linenumbersstageone	function	namedstructureuservariable	function
linenumbersstagetwo	function	namedstructurevariable	function
listgroupindex	function	nbfs	function
listlabel	function	nextcountervalue	function
listlocation	function	nextparallel	function
listprefixednumber	function	nofdays	function
listprefixedpage	function	nofstackedfloats	function
listrealpage	function	notedeltapage	function
listsize	function	notelistindex	function
listtitle	function	notenumberpage	function
listuserdata	function	noteprefixednumber	function
loadbtxdefinitionfile	function	notesymbolpage	function
loadbtxreplacementfile	function	notetitle	function
loadexamodes	function	ntimes	function
loadfontgoodies	function	number	function
loadspellchecklist	function	F C	
loadtypescriptfile	function	F EQ	
loadvisualizer	function	F FL	
locatefilepath	function	F HL	
locfilename	function	F L	
lower	function	F LL	
makeactive	function	F LuaSnippet	
manipulated	function	F LuaSnippetBoundary	
markfonts	function	F LuaSnippetComment	
markingnumber	function	F LuaSnippetName	
markingtitle	function	F LuaSnippetNameBase	
markinjector	function	F LuaSnippetNameCore	
math_frac	function	F LuaSnippetNameLibraries	
mathrenderset	function	F LuaSnippetQuote	
minute	function	F LuaSnippetSpecial	
mixcleanup	function	F LuaSnippetString	
mixfinalize	function	F ML	
mixflushlist	function	F MPLIBsetCtext	

F MPLIBsetNtext	F b
F MPcolor	F beginhbox
F MetapostSnippet	F beginvbox
F MetapostSnippetBoundary	F bf
F MetapostSnippetComment	F bgroup
F MetapostSnippetConstructor	F blank
F MetapostSnippetName	F btxcheckboxlistcombi
F MetapostSnippetNameMetafun	F btxcheckboxlistentry
F MetapostSnippetNamePlain	F btxciteauthorsetup
F MetapostSnippetNamePrimitive	F btxcitesetup
F MetapostSnippetQuote	F btxdirectlink
F MetapostSnippetSpecial	F btxflushauthor
F MetapostSnippetString	F btxhandlelistentry
F NC	F btxhandlelisttextentry
F NR	F btxlistauthorsetup
F ParsedXmlSnippetCdata	F btxlistsetup
F ParsedXmlSnippetComment	F btxpagesetup
F ParsedXmlSnippetDoctype	F btxsetafter
F ParsedXmlSnippetElement	F btxsetauthorindex
F ParsedXmlSnippetInstruction	F btxsetauthorvariant
F ParsedXmlSnippetKey	F btxsetbacklink
F ParsedXmlSnippetValue	F btxsetbacktrace
F TexSnippet	F btxsetbefore
F TexSnippetBoundary	F btxsetcategory
F TexSnippetComment	F btxsetcombis
F TexSnippetGroup	F btxsetconcat
F TexSnippetName	F btxsetcount
F TexSnippetSpecial	F btxsetcurrentlistentry
F XmlSnippet	F btxsetcurrentlistindex
F XmlSnippetBoundary	F btxsetdataset
F XmlSnippetCdata	F btxsetfirst
F XmlSnippetComment	F btxsetfirstinternal
F XmlSnippetEntity	F btxsetfirstnames
F XmlSnippetEqual	F btxsetfirstpage
F XmlSnippetKey	F btxsetinitials
F XmlSnippetName	F btxsetinternal
F XmlSnippetString	F btxsetjuniors
F __flush	F btxsetlanguage
F __flushdirect	F btxsetlastinternal
F __flushlines	F btxsetlastpage
F a	F btxsetlefttext
F addaskedblankskip	F btxsetnoflistentries
F addpredefinedblankskip	F btxsetnumber
F applyprocessor	F btxsetoverflow

F btxsetrighttext	F digitshighspace
F btxsetsecond	F digitsintermediatecomma
F btxsetsurnames	F digitsintermediateperiod
F btxsettag	F digitsminus
F btxsetthird	F digitsnegative
F btxsetvons	F digitsplus
F btxstartauthor	F digitspositive
F btxstartcite	F digitspower
F btxstartciteauthor	F digitspowerminus
F btxstartlistentry	F digitspowerplus
F btxstartsubcite	F digitsseparatorspace
F btxstopauthor	F digitssignspace
F btxstopcite	F digitsspace
F btxstopciteauthor	F digitsszeropadding
F btxstoplistentry	F direct
F btxstopsubcite	F doactivateinjector
F c	F dodisplayverbatimbeginline
F callfunctiononce	F dodisplayverbatimemptyline
F char	F dodisplayverbatiminitialize
F chardef	F dodisplayverbatimnewline
F color	F dodisplayverbatimstart
F colordefagc	F dodisplayverbatimstop
F colordefagt	F dofastdefinetypeface
F colordefalc	F dofinishsomereference
F colordefalt	F doflushparallel
F colordeffgc	F dofromfiledescription
F colordeffgt	F dofromfileliteral
F colordefflc	F dofromurldescription
F colordefflt	F dofromurlliteral
F colordefrgc	F doinlineverbatimbeginline
F colordefrgt	F doinlineverbatimemptyline
F colordefrlc	F doinlineverbatimnewline
F colordefrlt	F doinlineverbatimstart
F concat	F doinlineverbatimstop
F constructcs	F domarkinjector
F constructcsonly	F donestedtypingstart
F convertnumber	F donestedtypingstop
F ctxreport	F dosetfastregisterentry
F d	F dostarttext
F definefontsynonym	F doverbatimspace
T delayed	F dummyxcell
F digitsdigit	F egroup
F digitsfinalcomma	F emptyreference
F digitsfinalperiod	F enablemode

F endhbox	T metafun
F endvbox	F color
F environment	T delayed
F expandreferencearguments	F start
F expandreferenceoperation	F stop
F finalizeautostructurelevel	T nested
F finishjob	F markingcommand
F firstofoneargument	F markingseparator
F firstoftwoarguments	F newbox
F fixedblankskip	F newcount
F flexibleblankskip	F newdimen
F flushblankhandling	F newindexer
F flushboxregister	F newmuskip
F flushnode	F newskip
F fntsetdefname	F newtexthandler
F fntsetnopsiz	F newtoks
F fntsetsomename	F newverbosehandler
F fntsetsomesize	F nointerlineskip
T formatted	F normalatop
F monobold	F normalover
F verbatim	F overstrike
F fprint	F page
T generics	F par
S starttabulate	F pdfliteral
S stoptabulate	F popcatcodes
F getlogger	F poplogger
F getreferencestructureprefix	F printlines
F getvalue	F processfilemany
F glyph	F processfilenone
F gobbleoneargument	F processfileonce
F gobbletwoarguments	F protect
F goto	T puretext
F hrule	F pushcatcodes
F input	F pushlogger
T knownfunctions	F registerentry
F l	F registerfunction
F lateluafunction	F registeronepage
F letvaluerelax	F registerpagerange
F llap	F registerseeword
F loadfile	F reservefunction
F loadfoundtypescriptfile	F rlap
F luasetup	F rotate
F m	F runfile
F makelinenumber	F secondoftwoarguments

F setblankcategory	F stopParsedXmlSnippet
F setblankorder	F stopTexSnippet
F setblankpenalty	F stopXmlSnippet
F setconditional	F stopblankhandling
F setfalsevalue	F stopcolumns
F sethboxregister	F stopcomponentindeed
F setsomevalue	F stopenvironmentindeed
F settabulateentry	F stopfontclass
F settabulatelastentry	F stophboxregister
F settracing	F stopproductindeed
F setupsystem	F stopprojectindeed
F setupwithargument	F stopreadingfile
F setvalue	F stopregisterentries
F setvboxregister	F stopregisterentry
F setxvalue	F stopregisteroutput
F space	F stopregisterpages
F sprint	F stopregistersection
F startLuaSnippet	F stopregisterseewords
F startMetapostSnippet	F stoptabulate
F startParsedXmlSnippet	F stoptext
F startTexSnippet	F stoptitle
F startXmlSnippet	F stopvboxregister
F startblankhandling	F stopxtitle
F startcolumns	F storenode
F startcomponentindeed	F synonymentry
F startenvironmentindeed	F tabulaterow
F startfontclass	F tabulaterowbold
F starthboxregister	F tabulaterowtyp
F startproductindeed	F tabulaterowtype
F startprojectindeed	F template
F startreadingfile	T templates
F startregisterentries	F texsetup
F startregisterentry	F tobuffer
F startregisteroutput	F tocontext
F startregisterpages	F tolines
F startregistersection	F trialtypesetting
F startregisterseewords	F unitsC
F starttabulate	F unitsN
F starttext	F unitsNspace
F starttitle	F unitsNstart
F startvboxregister	F unitsNstop
F startxtitle	F unitsO
F stopLuaSnippet	F unitsP
F stopMetapostSnippet	F unitsPS

F unitsPU
 F unitsPUS
 F unitsQ
 F unitsS
 F unitsU
 F unitsUS
 F unprotect
 F unregisterfunction
 F usemodule
 F utfchar
 T verbatim
 F LuaSnippetBoundary
 F LuaSnippetComment
 F LuaSnippetName
 F LuaSnippetNameBase
 F LuaSnippetNameCore
 F LuaSnippetNameLibraries
 F LuaSnippetQuote
 F LuaSnippetSpecial
 F LuaSnippetString
 F MetapostSnippetBoundary
 F MetapostSnippetComment
 F MetapostSnippetConstructor
 F MetapostSnippetName
 F MetapostSnippetNameMetafun
 F MetapostSnippetNamePlain
 F MetapostSnippetNamePrimitive
 F MetapostSnippetQuote
 F MetapostSnippetSpecial
 F MetapostSnippetString
 F ParsedXmlSnippetCdata
 F ParsedXmlSnippetComment
 F ParsedXmlSnippetDoctype
 F ParsedXmlSnippetElement
 F ParsedXmlSnippetInstruction
 F TexSnippetBoundary
 F TexSnippetComment
 F TexSnippetGroup
 F TexSnippetName
 F TexSnippetSpecial
 F XmlSnippetBoundary
 F XmlSnippetCdata
 F XmlSnippetComment
 F XmlSnippetEntity

F XmlSnippetEqual
 F XmlSnippetKey
 F XmlSnippetName
 F XmlSnippetString
 F ctxreport
 F viafile
 F vrule
 F xmldataaafter
 F xmldataabefore
 F xmldataabeyedline
 F xmldataabeyedspace
 F xmlprocessbuffer
 F xmlsetup

numbers

F C
 F EQ
 F FL
 F HL
 F L
 F LL
 F LuaSnippet
 F LuaSnippetBoundary
 F LuaSnippetComment
 F LuaSnippetName
 F LuaSnippetNameBase
 F LuaSnippetNameCore
 F LuaSnippetNameLibraries
 F LuaSnippetQuote
 F LuaSnippetSpecial
 F LuaSnippetString
 F ML
 F MPLIBsetCtext
 F MPLIBsetNtext
 F MPcolor
 F MetapostSnippet
 F MetapostSnippetBoundary
 F MetapostSnippetComment
 F MetapostSnippetConstructor
 F MetapostSnippetName
 F MetapostSnippetNameMetafun
 F MetapostSnippetNamePlain
 F MetapostSnippetNamePrimitive
 F MetapostSnippetQuote
 F MetapostSnippetSpecial

function

F MetapostSnippetString	F btchandlelistentry
F NC	F btchandlelisttextentry
F NR	F btxlistauthorsetup
F ParsedXmlSnippetCdata	F btxlistsetup
F ParsedXmlSnippetComment	F btxpagesetup
F ParsedXmlSnippetDoctype	F btxsetafter
F ParsedXmlSnippetElement	F btxsetauthorindex
F ParsedXmlSnippetInstruction	F btxsetauthorvariant
F ParsedXmlSnippetKey	F btxsetbacklink
F ParsedXmlSnippetValue	F btxsetbacktrace
F TexSnippet	F btxsetbefore
F TexSnippetBoundary	F btxsetcategory
F TexSnippetComment	F btxsetcombis
F TexSnippetGroup	F btxsetconcat
F TexSnippetName	F btxsetcount
F TexSnippetSpecial	F btxsetcurrentlistentry
F XmlSnippet	F btxsetcurrentlistindex
F XmlSnippetBoundary	F btxsetdataset
F XmlSnippetCdata	F btxsetfirst
F XmlSnippetComment	F btxsetfirstinternal
F XmlSnippetEntity	F btxsetfirstnames
F XmlSnippetEqual	F btxsetfirstpage
F XmlSnippetKey	F btxsetinitials
F XmlSnippetName	F btxsetinternal
F XmlSnippetString	F btxsetjuniors
F __flush	F btxsetlanguage
F __flushdirect	F btxsetlastinternal
F __flushlines	F btxsetlastpage
F a	F btxsetlefttext
F addaskedblankskip	F btxsetnoflistentries
F addpredefinedblankskip	F btxsetnumber
F applyprocessor	F btxsetoverflow
F b	F btxsetrighttext
F beginhbox	F btxsetsecond
F beginvbox	F btxsetsurnames
F bf	F btxsettag
F bgroup	F btxsetthird
F blank	F btxsetvons
F btxcheckboxlistcombi	F btxstartauthor
F btxcheckboxlistentry	F btxstartcite
F btxciteauthorsetup	F btxstartciteauthor
F btxcitesetup	F btxstartlistentry
F btxdirectlink	F btxstartsubcite
F btxflushauthor	F btxstopauthor

F btxstopcite	F digitsspace
F btxstopciteauthor	F digitszeropadding
F btxstoplistentry	F direct
F btxstopsubcite	F doactivateinjector
F c	F dodisplayverbatimimbeginline
F callfunctiononce	F dodisplayverbatimimemptyline
F char	F dodisplayverbatimiminitialize
F chardef	F dodisplayverbatimimnewline
F color	F dodisplayverbatimimstart
F colordefagc	F dodisplayverbatimimstop
F colordefagt	F dofastdefinetypeface
F colordefalc	F dofinishsomereference
F colordefalt	F doflushparallel
F colordeffgc	F dofromfiledescription
F colordeffgt	F dofromfileliteral
F colordefflc	F dofromurldescription
F colordefflt	F dofromurlliteral
F colordefrgc	F doinlineverbatimimbeginline
F colordefrgt	F doinlineverbatimimemptyline
F colordefrlc	F doinlineverbatimimnewline
F colordefrlt	F doinlineverbatimimstart
F concat	F doinlineverbatimimstop
F constructcs	F domarkinjector
F constructcsonly	F donestedtypingstart
F convertnumber	F donestedtypingstop
F ctxreport	F dosetfastregisterentry
F d	F dostarttext
F definefontsynonym	F doverbatimimspace
T delayed	F dummyxcell
F digitsdigit	F egroup
F digitsfinalcomma	F emptyreference
F digitsfinalperiod	F enablemode
F digitshighspace	F endhbox
F digitsintermediatecomma	F endvbox
F digitsintermediateperiod	F environment
F digitsminus	F expandreferencearguments
F digitsnegative	F expandreferenceoperation
F digitsplus	F finalizeautostructurelevel
F digitspositive	F finishjob
F digitspower	F firstofoneargument
F digitspowerminus	F firstoftwoarguments
F digitspowerplus	F fixedblankskip
F digitsseparatorspace	F flexibleblankskip
F digitssignspace	F flushblankhandling

F flushboxregister	F newmuskip
F flushnode	F newskip
F fntsetdefname	F newtexthandler
F fntsetnopsiz	F newtoks
F fntsetsomename	F newverbosehandler
F fntsetsomesize	F nointerlineskip
T formatted	F normalatop
F monobold	F normalover
F verbatim	F overstrike
F fprint	F page
T generics	F par
S starttabulate	F pdfliteral
S stoptabulate	F popcatcodes
F getlogger	F poplogger
F getreferencestructureprefix	F printlines
F getvalue	F processfilemany
F glyph	F processfilenone
F gobbleoneargument	F processfileonce
F gobbletwoarguments	F protect
F goto	T puretext
F hrule	F pushcatcodes
F input	F pushlogger
T knownfunctions	F registerentry
F l	F registerfunction
F lateluafunction	F registeronepage
F letvaluerelax	F registerpagerange
F llap	F registerseeword
F loadfile	F reservefunction
F loadfoundtypescriptfile	F rlap
F luasetup	F rotate
F m	F runfile
F makelinenumber	F secondoftwoarguments
T metafun	F setblankcategory
F color	F setblankorder
T delayed	F setblankpenalty
F start	F setconditional
F stop	F setfalsevalue
T nested	F sethboxregister
F markingcommand	F setsomevalue
F markingseparator	F settabulateentry
F newbox	F settabulatelastentry
F newcount	F settracing
F newdimen	F setupsystem
F newindexer	F setupwithargument

F setvalue	F stopregisterentries
F setvboxregister	F stopregisterentry
F setxvalue	F stopregisteroutput
F space	F stopregisterpages
F sprint	F stopregistersection
F startLuaSnippet	F stopregisterseewords
F startMetapostSnippet	F stoptabulate
F startParsedXmlSnippet	F stoptext
F startTexSnippet	F stoptitle
F startXmlSnippet	F stopvboxregister
F startblankhandling	F stopxtitle
F startcolumns	F storenode
F startcomponentindeed	F synonymentry
F startenvironmentindeed	F tabulaterow
F startfontclass	F tabulaterowbold
F starthboxregister	F tabulaterowtyp
F startproductindeed	F tabulaterowtype
F startprojectindeed	F template
F startreadingfile	T templates
F startregisterentries	F texsetup
F startregisterentry	F tobuffer
F startregisteroutput	F tocontext
F startregisterpages	F tolines
F startregistersection	F trialtypesetting
F startregisterseewords	F unitsC
F starttabulate	F unitsN
F starttext	F unitsNspace
F starttitle	F unitsNstart
F startvboxregister	F unitsNstop
F startxtitle	F unitsO
F stopLuaSnippet	F unitsP
F stopMetapostSnippet	F unitsPS
F stopParsedXmlSnippet	F unitsPU
F stopTexSnippet	F unitsPUS
F stopXmlSnippet	F unitsQ
F stopblankhandling	F unitsS
F stopcolumns	F unitsU
F stopcomponentindeed	F unitsUS
F stopenvironmentindeed	F unprotect
F stopfontclass	F unregisterfunction
F stophboxregister	F usemodule
F stopproductindeed	F utfchar
F stopprojectindeed	T verbatim
F stopreadingfile	F LuaSnippetBoundary

F LuaSnippetComment	F xmlsetup	
F LuaSnippetName	objectnumber	function
F LuaSnippetNameBase	objectpage	function
F LuaSnippetNameCore	octnumber	function
F LuaSnippetNameLibraries	octstringtonumber	function
F LuaSnippetQuote	ordinal	function
F LuaSnippetSpecial	overloadbookmark	function
F LuaSnippetString	page_injections_flush_after	function
F MetapostSnippetBoundary	page_injections_flush_before	function
F MetapostSnippetComment	page_injections_save	function
F MetapostSnippetConstructor	pagestaterealpage	function
F MetapostSnippetName	percentageof	function
F MetapostSnippetNameMetafun	pgfxcolorspec	function
F MetapostSnippetNamePlain	pickupbuffer	function
F MetapostSnippetNamePrimitive	placeparallel	function
F MetapostSnippetQuote	popfloat	function
F MetapostSnippetSpecial	pophyphenation	function
F MetapostSnippetString	popitaliccorrection	function
F ParsedXmlSnippetCdata	poplist	function
F ParsedXmlSnippetComment	popreferenceprefix	function
F ParsedXmlSnippetDoctype	popregime	function
F ParsedXmlSnippetElement	popsectionblock	function
F ParsedXmlSnippetInstruction	postthyphenchar	function
F TexSnippetBoundary	postponenotes	function
F TexSnippetComment	prefixedconverted	function
F TexSnippetGroup	prehyphenchar	function
F TexSnippetName	prepareMPvariable	function
F TexSnippetSpecial	preparedfile	function
F XmlSnippetBoundary	presetsymbollist	function
F XmlSnippetCdata	presettabulate	function
F XmlSnippetComment	prevcountervalue	function
F XmlSnippetEntity	processbodyfontsizes	function
F XmlSnippetEqual	processbuffer	function
F XmlSnippetKey	processcolorcomponents	function
F XmlSnippetName	processedfile	function
F XmlSnippetString	processedfiles	function
F ctxreport	processfile	function
F viafile	processfilemany	function
F vrule	processfilenone	function
F xmldataafter	processfileonce	function
F xmldatabefore	processjob	function
F xmldataobeyedline	processlist	function
F xmldataobeyedspace	processregister	function
F xmlprocessbuffer	processsplit	function

processsynonyms	function	renderingvar	function
purefontname	function	replacemissingcharacters	function
pushfloat	function	reportstructure	function
pushhyphenation	function	resavefloat	function
pushitaliccorrection	function	resetcharacteralign	function
pushlist	function	resetcounter	function
pushreferenceprefix	function	resetfontfeature	function
pushregime	function	resetfontsolution	function
pushsectionblock	function	resetinjector	function
rawcharacter	function	resetmarking	function
rawcountervalue	function	resetmathattributes	function
rawdate	function	resetmathitalics	function
referencepagestate	function	resetnullfont	function
referencerealpage	function	resetparallel	function
registerattachment	function	resetprevdepth	function
registerbodyfontsize	function	resetreference	function
registerbookmark	function	resetstructureprocessor	function
registerbuttons	function	resettimer	function
registercatcodetable	function	restartcounter	function
registercolor	function	restorecounter	function
registercolorintent	function	restorecurrentattributes	function
registeredviewerlayer	function	restorenote	function
registerhelp	function	romannumerals	function
registerhyphenationexception	function	runbuffer	function
registerhyphenationpattern	function	safechar	function
registeritemgroup	function	savebuffer	function
registerlanguagefeatures	function	savecounter	function
registerlinenumbering	function	savecurrentattributes	function
registermaintextcolor	function	savedlistnumber	function
registernamespace	function	savedlistprefixednumber	function
registerpostponedblock	function	savedlisttitle	function
registerrendering	function	savefloat	function
registersection	function	savemargindata	function
registersoundclip	function	savenote	function
registerstructureprocessor	function	saveobject	function
registersynonym	function	savepagedata	function
registertoken	function	saveparallel	function
registertransparency	function	savestructureblock	function
registerunit	function	savetaggedtwopassdata	function
registeruserdata	function	savetwopassdata	function
relatemarking	function	savevariable	function
remapentity	function	second	function
removemissingcharacters	function	selectstructureblock	function
removepunctuation	function	setbreakpoints	function

setbtxdataset	function	setmarking	function
setbtxentry	function	setmathalternate	function
setbtxregister	function	setmathdirection	function
setbtxspefication	function	setmathitalics	function
setcharacteralign	function	setnextinternalreference	function
setcharactercasing	function	setnextreferenceorder	function
setcharactercleaning	function	setnotestate	function
setcharactercodes	function	setnotesymbolpage	function
setcharacterkerning	function	setobject	function
setcharacterspacing	function	setopendocumentaction	function
setcharacterstripping	function	setopenpageaction	function
setclosedocumentaction	function	setowncounter	function
setclosepageaction	function	setpagestate	function
setcolormodel	function	setpagestaterealpageno	function
setcounter	function	setpagetransition	function
setdataset	function	setparbuilder	function
setdigitsmanipulation	function	setrandomseed	function
setdirection	function	setrealign	function
setdocumentenvironments	function	setrealspaces	function
setdocumentfilenames	function	setreferencearguments	function
setdocumentmodes	function	setreferenceattribute	function
setdocumentmodules	function	setreferenceoperation	function
setelementuserproperties	function	setregistermethod	function
setfigurelookuporder	function	setreplacements	function
setfirstline	function	setsectionblock	function
setfontfeature	function	setsectionentry	function
setfontofid	function	setsectionlevel	function
setfontsolution	function	setsectionnumber	function
setformat	function	setstructureblockstate	function
setformsmethod	function	settagaspect	function
sethyphenationfeatures	function	settagcombination	function
setinitial	function	settagdescription	function
setinjector	function	settagdescriptionsymbol	function
setinsertionlocation	function	settagfigure	function
setinterfaceconstant	function	settaghighlight	function
setinterfaceelement	function	settagitemgroup	function
setinterfacemessage	function	settaglist	function
setinterfacemessages	function	settagproperty	function
setinterfacevariable	function	settagregister	function
setinternalreference	function	settagsorting	function
setjobcomment	function	settagsynonym	function
setlanguageexceptions	function	settagtablecell	function
setlanguagesynonym	function	settagtabulatecell	function
setlayer	function	setupbookmarks	function

setupcanvas	function	startparbuilder	function
setupcharacterspacing	function	startproduct	function
setupexport	function	startproject	function
setupfontexpansion	function	startregime	function
setupfontprotrusion	function	startsectionlevel	function
setuphyphenation	function	starttag	function
setupidentity	function	starttext	function
setupinsertion	function	startviewerlayer	function
setupitaliccorrection	function	stopactualtext	function
setuplinenumbers	function	stopchemical	function
setvisual	function	stopcolorset	function
setxmpfile	function	stopcomponent	function
showassignerror	function	stopenvironment	function
showattributes	function	stopfontsolution	function
showbtxdatasetauthors	function	stopparbuilder	function
showbtxdatasetcompleteness	function	stopproduct	function
showbtxdatasetfields	function	stopproject	function
showbtxentry	function	stopregime	function
showbtxfields	function	stopsectionlevel	function
showbtxtables	function	stoptag	function
showbtxvariants	function	stoptext	function
showcallbacks	function	stopviewerlayer	function
showchardata	function	storejavascriptcode	function
showcounter	function	storejavascriptpreamble	function
showdiscretionaries	function	storenote	function
showfontparameters	function	storeregister	function
showhyphenatedinlist	function	strdp	function
showhyphenationtrace	function	strhd	function
showinjector	function	strht	function
showjustification	function	strip	function
showmessage	function	structureautocatcodedget	function
showtokens	function	structurecatcodedget	function
sin	function	structuregivencatcodedget	function
sind	function	structurenumber	function
splitfilename	function	structuretitle	function
spotcolorname	function	structureuservariable	function
spotcolorparent	function	structurevariable	function
spotcolorvalue	function	strwd	function
startactualtext	function	subcountervalues	function
startchemical	function	synchronizecolormodel	function
startcolorset	function	synchronizemarking	function
startcomponent	function	systemlog	function
startenvironment	function	taggedmathfunction	function
startfontsolution	function	tan	function

tand	function	usezipfile	function
testcase	function	utfchar	function
testtokens	function	utfmathclass	function
textime	function	utfmathcommand	function
thefirstcharacter	function	utfmathcommandabove	function
theremainingcharacters	function	utfmathcommandbelow	function
thetexdefinition	function	utfmathcommandfiller	function
tochar	function	utfmathfiller	function
transparencycomponents	function	utfmathstretch	function
triggereffect	function	vboxlisttohbox	function
triggernegative	function	verbose	function
truefilename	function	visual	function
typebuffer	function	vspacing	function
typefile	function	vspacingcollapse	function
typestring	function	vspacingdefine	function
uchexnumber	function	vspacingsetamount	function
uchexnumbers	function	vspacingsnap	function
undefinechemical	function	way	function
unicodechar	function	weekday	function
unit	function	weekdayname	function
unloadlanguage	function	writestatus	function
upper	function	x_table_c	function
useMPLibrary	function	x_table_cleanup	function
useanyfile	function	x_table_construct	function
usebtxdataset	function	x_table_create	function
usecldfilename	function	x_table_finish_row	function
usecolors	function	x_table_flush	function
usecomponent	function	x_table_init_construct	function
useenvironment	function	x_table_init_reflow_height	function
usefile	function	x_table_init_reflow_width	function
usejavascriptpreamble	function	x_table_next_row	function
usejavascriptscripts	function	x_table_r	function
uselibrary	function	x_table_reflow_height	function
useluafile	function	x_table_reflow_width	function
uselua module	function	x_table_set_construct	function
usemodules	function	x_table_set_reflow_height	function
usepath	function	x_table_set_reflow_width	function
useproduct	function	year	function
useproject	function		
usesubpath	function		
usesymbols	function		
usetexfile	function		
useurl	function		
usexmlfile	function		

containers (context)

cleannname	function
content	function
define	function
is_usable	function
is_valid	function
read	function
usecache	boolean
write	function

converters (context)

A	function	month	function
AK	function	nofdays	function
Alphabetic	function	number	function
Character	function	numbers	function
Characters	function	octstringtonumber	function
Characters:es	function	ordinal	function
I	function	r	function
KA	function	rawcharacter	function
KR	function	romannumerals	function
R	function	second	function
RK	function	sequences	data table
Romannumerals	function	sloviannumerals	function
Sloviannumerals	function	spanishnumerals	function
Spanishnumerals	function	textime	function
Word	function	toabjad	function
Words	function	tochinese	function
a	function	toroman	function
abjadnodotnumerals	function	upper	function
abjadnumerals	function	verbose	table
alphabetic	function	D data	
character	function	F translate	
characters	function	weekday	function
characters:es	function	word	function
chineseallnumerals	function	words	function
chinesecapnumerals	function	year	function
chinesenumerals	function		
chr	function		
chrs	function		
cn	function		
cn-a	function		
cn-c	function		
convert	function		
define	function		
hexstringtonumber	function		
hour	function		
i	function		
isleapyear	function		
leapyear	function		
lower	function		
maxchrs	function		
minute	function		

coroutine (basic lua)

create	function
resume	function
running	function
status	function
wrap	function
yield	function

ctxrunner (context)

load	function
prepfiles	data table
resolve	function

debug (basic lua)

debug	function
getfenv	function
gethook	function
getinfo	function
getlocal	function
getmetatable	function
getregistry	function
getupvalue	function
getuservalue	function
setfenv	function
sethook	function
setlocal	function
setmetatable	function
setupvalue	function
setuservalue	function
traceback	function
upvalueid	function
upvaluejoin	function

dir (context)

collectpattern	function
current	function
expandname	function
found	function
glob	function
globfiles	function
globpattern	function
ls	function
makedirs	function
mkdirs	function
pop	function
push	function

directives (context)

data	data table
default	function
disable	function
enable	function
list	function
name	string
register	function
report	function
show	function
value	function

document (context)

arguments	data table
files	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
setdefaultargument	function
setfilename	function
variables	data table

environment (context)

argument	function	texroot	string
arguments	data table	truefilename	function
basicengines	data table	validengines	data table
currentrun	number		
default_texmfcnf	string		
engineflags	data table		
filename	string		
files	table		
filesynonyms	data table		
forcedruns	number		
getargument	function		
homedir	string		
initex	boolean		
initializearguments	function		
initializefilenames	function		
inputfilebarename	string		
inputfilename	string		
inputfilesuffix	string		
jobfilename	string		
jobfilesuffix	string		
kindofrun	number		
loadluafile	function		
luafile	function		
luafilechunk	function		
maxnofruns	number		
originalarguments	data table		
outputfilename	string		
ownbin	string		
ownmain	string		
ownname	string		
ownpath	string		
prerollrun	boolean		
rawarguments	data table		
reconstructcommandline	function		
relativepath	function		
setargument	function		
splitarguments	function		
suffix	string		
texfile	function		
texmfos	string		
texos	string		

epdf (extra tex)

Array	function
Attribute	function
AttributeOwner_Type	function
Attribute_Type	function
Dict	function
Object	function
PDFRectangle	function
StructElement_Type	function
open	overloaded function
type	function

experiments (context)

data	data table
default	function
disable	function
enable	function
list	function
name	string
register	function
report	function
show	function
value	function

figures (context)

applyratio	function	F totable	
badname	function	F types	
bases	data table	F write	
bitmapimage	function	include	function
boxnumber	number	includes	data table
cachepaths	data table	initialize	function
check	function	loaded	data table
checkers	data table	localpaths	data table
converters	data table	magics	data table
current	function	mergegoodies	function
defaultdepth	number	nofprocessed	number
defaultheight	number	order	data table
defaultsearch	boolean	paths	data table
defaultwidth	number	patterns	data table
done	function	pop	function
dummy	function	preferquality	boolean
exists	data table	programs	data table
exists	function	push	function
formats	data table	registerpattern	function
found	data table	registerresource	function
get	function	registersuffix	function
getrealpage	function	resources	data table
guess	function	scale	function
hash	function	setlookups	function
identifiers	data table	setorder	function
identify	function	setpaths	function
images	table	suffixes	data table
F boxes		used	data table
F check			
F checksize			
F clone			
F copy			
F immediatewrite			
F keys			
F new			
F node			
F ofindex			
F package			
F print			
F scan			
F serialize			

file (basic lua)

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

floats (context)

analysemethod	function
checkedpagefloat	function
collect	function
consult	function
flush	function
getvariable	function
nofstacked	function
pop	function
push	function
resave	function
save	function
stacked	function

font (basic tex)

current	function
define	function
each	function
fonts	table
frozen	function
getfont	overloaded function
id	function
max	function
nextid	function
read_tfm	function
read_vf	function
setfont	function

fontloader (extra tex)

apply_afmfile	function
apply_featurefile	function
close	function
fields	function
fullinfo	function
info	overloaded function
open	overloaded function
to_table	function
totable	function

fonts (context)

analyzers	table		F report
T features			F reset
N blwf			T vectors
N fina		constructors	table
N half		F addcoreunicodes	
N init		F aftercopyingcharacters	
N isol		F applymanipulators	
N medi		F assignmathparameters	
N pref		B autocleanup	
N pstf		F beforecopyingcharacters	
N rphf		D cache	
D initializers		B cacheintex	
D methods		F calculatescale	
F setstate		F checkedfeatures	
T states		F checkedfilename	
N blwf		F checkvirtualids	
N fina		F cleanupable	
N half		F collectprocessors	
N init		D designsizes	
N isol		D dontembed	
N mark		F enhanceparameters	
N medi		N factor	
N pref		F finalize	
N pstf		F getfeatureaction	
N rest		F hashfeatures	
N rphf		F hashinstance	
B useunicodemarks		T hashmethods	
checkers	table	F normal	
F getmissing		F virtual	
F missing		F initializefeatures	
cid	table	T keys	
F getmap		T character	
F loadfile		S depth	
collections	table	S height	
F checkenabled		S italic	
F clonevector		S width	
F define		T description	
T definitions		T boundingbox	
F prepare		S depth	
F process		S height	
F registermain		S width	

T parameters	T cidinfo	
S ascender	S embedding	
S descender	S encodingbytes	
S designsize	S filename	
T expansion	S finalized	
S auto	S fontname	
S shrink	S format	
S step	S fullname	
S stretch	S hasitalics	
S extendfactor	S hasmath	
S factor	S mathitalics	
S hfactor	S mode	
S mathsize	S name	
T protrusion	S noglyphnames	
S auto	S nostackmath	
S quad	S psname	
S scaledpoints	S textitalics	
S scriptpercentage	S virtualized	
S scriptscriptpercentage	D loadedfonts	
S size	S namemode	
S slantfactor	F newfeatures	
S slantperpoint	F newhandler	
T spacing	N noffontsloaded	
S extra	N nofsharedfonts	
S shrink	N nofsharedhashes	
S stretch	N nofsharedvectors	
S width	N privateoffset	
T synonyms	F readanddefine	
S em	F registerfeature	
S ex	B resolvevirtualtoo	
S extra_space	F scale	
S extraspace	F scaled	
S slant	F setfactor	
S space	F setname	
S space_shrink	B sharefonts	
S space_stretch	F trytosharefont	
S spaceshrink	N version	
S spacestretch	current	function
S x_height	currentid	function
S units	definers	table
S vfactor	F addlookup	
S xheight	F analyze	
T properties	F applypostprocessors	
S autoitalicamount	F checkedmode	

F checkedscript	N Fitacyrillic
F current	N Gcedilla
S defaultlookup	N Gdot
F define	N Gecyrillic
F getspecification	N Gheupturncyrillic
F internal	N Gjecyrillic
F loadfont	N Hardsigncyrillic
F makespecification	N IAcyrillic
T methods	N IUcyrillic
F install	N Icyrillic
D variants	N Idot
F read	N Iecyrillic
F register	N Iicyrillic
F registered	N Iishortcyrillic
F registersplit	N Iocyrillic
F resetnullfont	N Izhitsacyrillic
F resolve	N Jecyrillic
T resolvers	N Kacyrillic
F file	N Kcedilla
F name	N Khacyrillic
F spec	N Kjecyrillic
definetypeface function	N Lcedilla
encodings table	N Ljecyrillic
T agl	N Ncedilla
D extras	N Njecyrillic
D names	N Ocyrillic
T synonyms	N Odblacute
N Acyrillic	N Ohm
N Becyrillic	N Pecyrillic
N Cdot	N Rcedilla
N Checyrillic	N Shacyrillic
N Decyrillic	N Shchacyrillic
N Djecyrillic	N Softsigncyrillic
N Dzecyrillic	N Tcedilla
N Dzhecyrillic	N Tecyrillic
N Ecyrillic	N Tsecyrillic
N Edot	N Tshacyrillic
N Efcyrillic	N Ucyrillic
N Elcyrillic	N Udblacute
N Emcyrillic	N Ushortcyrillic
N Encyrillic	N Vecyrillic
N Ercyrillic	N Yatcyrillic
N Eversedcyrillic	N Yericyrillic
N Escyrillic	N Yicyrillic

N Zdot	N daletqamats
N Zecyrillic	N daletqamatshebrew
N Zhecyrillic	N daletqubuts
N acutecmb	N daletqubutshebrew
N acyrillic	N daletsegol
N afii00208	N daletsegolhebrew
N afii08941	N daletsheva
N afii57694	N daletshevahebrew
N afii57695	N dalettsere
N afii57700	N dammaarabic
N afii57705	N dammatanaltonearabic
N afii57723	N dargahebrew
N alef	N dbllowline
N alefmaksurainitialarabic	N decimalseparatorarabic
N alefmaksuramedialarabic	N dialytikatonos
N approximatelyequal	N dotbelowcmb
N asteriskaltonearabic	N doubleyodpatah
N ayin	N doubleyodpatahhebrew
N bet	N edot
N betdagesh	N eightarabic
N blackdownpointingtriangle	N eighthnotebeamed
N blackleftpointingpointer	N etnahtafoukhhebrew
N blackrectangle	N etnahtafoukhlefthebrew
N blackrightpointingpointer	N etnahtahebrew
N blacksmilingface	N fathaarabic
N blacksquare	N finalkaf
N blackuppointingtriangle	N finalkafdagesh
N bulletinverse	N finalkafhebrew
N cdot	N finalkafqamats
N compass	N finalkafqamatshebrew
N dagesh	N finalkafsheva
N dalet	N finalmem
N daletdagesh	N finalnun
N dalethatafpatah	N finalpe
N dalethatafpatahhebrew	N finaltsadi
N dalethatafsegol	N fivearabic
N dalethatafsegolhebrew	N forall
N dalethebrew	N fourarabic
N dalethiriq	N gcedilla
N dalethiriqhebrew	N gdot
N daletholam	N gimel
N daletholamhebrew	N gimeldagesh
N daletpatah	N gravecmb
N daletpatahhebrew	N haaltonearabic

N hamzaarabic	N holamhebrew
N hamzadammaarabic	N holamnarrowhebrew
N hamzadammatanarabic	N holamquarterhebrew
N hamzafathaarabic	N ilde
N hamzafathatanarabic	N integralbottom
N hamzalowarabic	N integraltop
N hamzalowkasraarabic	N kaf
N hamzalowkasratanarabic	N kafdagesh
N hatafpatah	N kashidaautoarabic
N hatafpatah16	N kashidaautonosidebearingarabic
N hatafpatah23	N kcedilla
N hatafpatah2f	N lamed
N hatafpatahhebrew	N lameddagesh
N hatafpatahnarrowhebrew	N lamedhebrew
N hatafpatahquarterhebrew	N lamedholam
N hatafqamats	N lamedholamdagesh
N hatafqamats1b	N lamedholamdageshhebrew
N hatafqamats28	N laminitialarabic
N hatafqamats34	N lammeemjeeminitialarabic
N hatafqamatshebrew	N lcedilla
N hatafqamatsnarrowhebrew	N logicalnotreversed
N hatafqamatsquarterhebrew	N mahapakhhebrew
N hatafsegol	N mem
N hatafsegol17	N memdagesh
N hatafsegol24	N merkhahebrew
N hatafsegol30	N merkhakefulahebrew
N hatafsegolhebrew	N middot
N hatafsegolnarrowhebrew	N munahhebrew
N hatafsegolquarterhebrew	N nbspace
N he	N ncedilla
N hedagesh	N newsheqelsign
N hefinalalttwoarabic	N ninearabic
N het	N noonhehinitialarabic
N hiriq	N nun
N hiriq14	N nundagesh
N hiriq21	N odblacute
N hiriq2d	N onearabic
N hiriqhebrew	N overscore
N hiriqnarrowhebrew	N patah
N hiriqqarterhebrew	N patah11
N holam	N patah1d
N holam19	N patah2a
N holam26	N patahhebrew
N holam32	N patahnarrowhebrew

N patahquarterhebrew

N pe

N pedagesh

N qamats

N qamats10

N qamats1a

N qamats1c

N qamats27

N qamats29

N qamats33

N qamatsde

N qamatshebrew

N qamatsnarrowhebrew

N qamatsqatanhebrew

N qamatsqatannarrowhebrew

N qamatsqatanquarterhebrew

N qamatsqatanwidehebrew

N qamatsquarterhebrew

N qof

N qofdagesh

N qofhatafpatah

N qofhatafpatahhebrew

N qofhatafsegol

N qofhatafsegolhebrew

N qofhebrew

N qofhiriq

N qofhiriqhebrew

N qofholam

N qofholamhebrew

N qofpatah

N qofpatahhebrew

N qofqamats

N qofqamatshebrew

N qofqubuts

N qofqubutshebrew

N qofsegol

N qofsegolhebrew

N qofsheva

N qofshevahebrew

N qoftsere

N qubuts

N qubuts18

N qubuts25

N qubuts31

N qubutshebrew

N qubutsnarrowhebrew

N qubutsquarterhebrew

N quotelleftreversed

N rafe

N rcedilla

N reharabic

N resh

N reshhatafpatah

N reshhatafpatahhebrew

N reshhatafsegol

N reshhatafsegolhebrew

N reshhebrew

N reshhiriq

N reshhiriqhebrew

N reshholam

N reshholamhebrew

N reshpatah

N reshpatahhebrew

N reshqamats

N reshqamatshebrew

N reshqubuts

N reshqubutshebrew

N reshsegol

N reshsegolhebrew

N reshsheva

N reshshevahebrew

N reshtsere

N reviahebrew

N samekh

N samekhdagesh

N segol

N segol13

N segol1f

N segol2c

N segolhebrew

N segolnarrowhebrew

N segolquarterhebrew

N sevenarabic

N sfthyphen

N shaddaarabic

N sheqel

N sheva

N sheva115

N sheva15	N zayin	
N sheva22	N zayindagesh	
N sheva2e	N zdot	
N shevahebrew	N zeroarabic	
N shevanarrowhebrew	D unicodes	
N shevaquarterhebrew	D cache	
N shin	F is_known	
N shindagesh	D known	
N shindageshshindot	F load	
N shindageshsindot	F make_unicode_vector	
N shinshindot	D math	
N shinsindot	N version	
N siluqhebrew	expansions	data table
N sixarabic	formats	data table
N tav	goodies	table
N tavadages	D colorschemes	
N tavadagesh	D data	
N tcedilla	D designsizes	
N tchehinitialarabic	D filenames	
N tet	F getcompositions	
N tetdagesh	T list	
N tevirhebrew	F compositions	
N thousandsseparatorarabic	F designsizes	
N threearabic	F expansions	
N tildecmb	F featureset	
N tipehahebrew	F filenames	
N tsadi	F files	
N tsadidagesh	F mathematics	
N tsere	F protrusions	
N tsere12	F solutions	
N tsere1e	F treatments	
N tsere2b	F typefaces	
N tserehebrew	F load	
N tserenarrowhebrew	F prepare_features	
N tserequarterhebrew	F register	
N twoarabic	F registerpostprocessor	
N udblacute	F report	
N vav	handlers	table
N vavdagesh	T afm	
N vavdagesh65	B addkerns	
N vavholam	B addligatures	
N yerahbenyomohebrew	B addtexligatures	
N yod	B autoprefixed	
N yoddagesh	D cache	

D features	F gsub_multiple
T helpdata	F gsub_reversecontextchain
D bothkerned	F gsub_single
D leftkerned	F load
D ligatures	F scriptandlanguage
D rightkerned	F setcontextchain
D texligatures	F setdynamics
F load	F setfeatures
F setfeatures	T statistics
B syncspace	D usedfeatures
N version	T tables
T otf	D baselines
F addfeature	D features
D cache	D languages
T chainhandlers	D scripts
F normal	N version
F verbose	T pfb
F collectlookups	T tfm
F dataset	D features
S defaultbasealternate	F setfeatures
S defaultnodealternate	T vf
D enhancers	T combinations
D features	F combine
F fileformat	T combiner
F getalternate	D commands
T glists	F find
T handlers	D helpers
F contextchain	D math
F devanagari_remove_joiners	D predefined
F devanagari_reorder_matras	D whatever
F devanagari_reorder_pre_base_reordering_consonants	hashes
F devanagari_reorder_reph	table
F gpos_context	D characters
F gpos_contextchain	D csnames
F gpos_cursive	D descriptions
F gpos_mark2base	D dynamics
F gpos_mark2ligature	D emwidths
F gpos_mark2mark	D exheights
F gpos_pair	D extensibles
F gpos_single	D features
F gsub_alterate	D identifiers
F gsub_context	D italics
F gsub_contextchain	D lastmathids
F gsub_ligature	D marks
	D modes

D originals		S pc	
D parameters		S pd	
T processes		S pe	
D properties		S pf	
D quads		S pi	
D resources		S po	
T setdynamics		S ps	
D spaces		S sc	
D spacings		S sk	
D unicodes		S sm	
D xheights		S so	
helpers	table	F format	
F addprivate		F onetimemessage	
F dimenfactor		F register	
F expandglyph		F reportdefinedfonts	
F fontpatternhassize		F reportusedfeatures	
F getdigitwidth		mappings	table
F getparameters		F addtounicode	
F getprivatenode		F fromunicode16	
F hasprivate		F loadfile	
F indextoslot		F loadline	
F name		F loadlumtable	
F nametoslot		F makenameparser	
F setdigitwidth		T overloads	
F splitfontpattern		T IJ	
F tochar		N mess	
iterators	table	S name	
F characters		T unicode	
F descriptions		T I_J	
F glyphs		N mess	
loggers	table	S name	
F add_placeholders		T unicode	
T category_to_placeholder		T f_f	
S ll		N mess	
S lm		S name	
S lo		T unicode	
S lt		T f_f_i	
S lu		N mess	
S mc		S name	
S me		T unicode	
S mn		T f_f_l	
S nd		N mess	
S nl		S name	
S no		T unicode	

T f_i
 N mess
 S name
 T unicode
 T f_j
 S name
 T unicode
 T f_k
 S name
 T unicode
 T f_l
 N mess
 S name
 T unicode
 T ff
 N mess
 S name
 T unicode
 T ffi
 N mess
 S name
 T unicode
 T ffl
 N mess
 S name
 T unicode
 T fi
 N mess
 S name
 T unicode
 T fj
 S name
 T unicode
 T fk
 S name
 T unicode
 T fl
 N mess
 S name
 T unicode
 T i_j
 N mess
 S name
 T unicode

T ij
 N mess
 S name
 T unicode
 F reset
 F tounicode
 F tounicode16
 F tounicode16sequence
mp **table**
 D cache
 B inline
 N version
names **data table**
nulldata **data table**
protrusions **data table**
readers **table**
 F afm
 F check_lua
 F check_tfm
 F dfont
 F lua
 F opentype
 F otf
 F pfb
 D sequence
 F tfm
 F ttc
 F ttf
select **table**
 T data
 F definetypeface
 T fallbacks
 F filterinput
 T methods
 F default
 F features
 F file
 F goodies
 F name
 F selectfont
 F simplefonts
 F spec
 F style
 F registerfallback

- F searchfiles

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

- F uselibrary

tables table

tracers table

treatments table

- F applyfixes
- D data
- S filename
- F ignoredfile
- F report
- F trace

typefaces data table

functions (context)

dummy function

graphics (context)

backgrounds table

F calculatemultipar

F fetchmultipar

F pair

F path

F point

gzip (extra lua)

close	function
lines	function
load	function
open	function
save	function
suffix	function

img (basic tex)

boxes	function
check	function
checksize	function
clone	function
copy	function
immediatewrite	function
keys	function
new	function
node	function
ofindex	function
package	function
print	function
scan	function
serialize	function
totable	function
types	function
write	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

linkedlists 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)

addvalidkeys	function	F MPx
cachedsetups	data table	F MPxy
cachesetup	function	F MPxywhd
checkedspecification	function	F MPy
complete	data table	F bposcolumn
constants	data table	F bposcolumnregistered
corenamespaces	data table	F btxauthorfield
definecommand	function	F btxdetail
doifelsemessage	function	F btxdoif
elements	data table	F btxdoifelse
formats	data table	F btxdoifelsesameasprevious
getcheckedparameters	function	F btxdoifnot
getmessage	function	F btxfield
hashedsetups	data table	F btxfieldname
interfacedcommand	function	F btxfieldtype
interfaces	table	F btxfirstofrange
invalidkey	function	F btxflush
is_command	function	F btxfoundname
namespaces	table	F btxfoundtype
F define		F btxoneorrange
F list		F btxsingularplural
registernamespace	function	F copyposition
scanners	table	F currentbtxfirstnames
F MPc		F currentbtxinitials
F MPd		F currentbtxjuniors
F MPH		F currentbtxsurnames
F MPLl		F currentbtxvons
F MPLr		F definefont_one
F MPLs		F definefont_two
F MPn		F doifelsepositionsused
F MPp		F doifelserangeonpage
F MPpardata		F doifoverlappingelse
F MPplus		F doifposition
F MPpos		F doifpositionelse
F MPposset		F doifpositiononpageelse
F MPr		F doifpositionsonsamepageelse
F MPrest		F doifpositionsonthispageelse
F MPrs		F dopickupbuffer
F MPul		F dosaveposition
F MPur		F dosavepositionplus
F MPw		F dosavepositionwhd

F dosetposition	F xmldoifelse	
F dosetpositionbox	F xmldoifelseempty	
F dosetpositionplus	F xmldoifelseselfempty	
F dosetpositionstrut	F xmldoifelsetext	
F dosetpositionwhd	F xmldoifempty	
F eposcolumn	F xmldoifnot	
F eposcolumnregistered	F xmldoifnotempty	
F fetchmultipar	F xmldoifnotselfempty	
F fetchmultishape	F xmldoifnottext	
F fetchposboxes	F xmldoifselfempty	
F lastcountervalue	F xmldoiftext	
F lastcountervaluesub	F xmlfilter	
F markregionbox	F xmlfirst	
F markregionboxcorrected	F xmlflush	
F markregionboxtagged	F xmltext	
F mpcolor	setconstant	function
F parpos	setelement	function
F pdfrotation	setformat	function
F pdfstartmatrix	setmessage	function
F pdfstartmirroring	setmessages	function
F pdfstartrotation	settranslation	function
F pdfstartscaling	setuserinterface	function
F pdfstopmatrix	setvalidkeys	function
F pdfstopmirroring	setvariable	function
F pdfstoprotation	showmessage	function
F pdfstopscaling	storedscanners	data table
F registerusedsynonym	syntax	data table
F replacepospxywhd	tolist	function
F setcharactercasing	translations	data table
F setmathalphabet	variables	data table
F setmathattribute		
F setmathstyle		
F synonymmeaning		
F synonymname		
F typenested		
F typenormal		
F vspacing		
F way		
F xmlall		
F xmlatt		
F xmlattdef		
F xmlattribute		
F xmlattributedef		
F xmldoif		

io (basic lua)

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

jit (context)

arch	string
attach	function
flush	function
off	function
on	function
opt	table
F start	
os	string
status	function
util	table

F funcbc
F funcinfo
F funcck
F funcuvname
F ircalladdr
F traceexitstub
F traceinfo
F traceir
F tracek
F tracemc
F tracesnap

version	string
version_num	number

job (context)

comment function
datasets table

D collected
F extend
F getdata
F setdata
D tobesaved

disablesave function
files table

D collected
F context
B forcerun
F run
D tobesaved

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 extend
F realpage
F setstate
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_col
F b_region
F c
D collected
F column
F copy
F depth
F e_col
F e_region
F enhance
F extra
F get
F getreserved
F hangafter
F hangindent
F height
F hsize
F leftskip
F lowerleft
F lowerright
F markregionbox
F n
F onsamepage
F overlapping
F p
F page
F paragraph
F parindent
F position
F r

- F region
- F replace
- F rightskip
- F set
- F setall
- F setdim
- D tobesaved
- F upperleft
- F upperright
- S used
- 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
hyphenate	function
hyphenation	function
id	function
new	function
patterns	function
postexhyphenchar	function
posthyphenchar	function
preexhyphenchar	function
prehyphenchar	function

languages (context)

associate	function	numbers	data table
associated	data table	postexhyphenchar	function
association	function	posthyphenchar	function
counters	data table	preexhyphenchar	function
current	function	prehyphenchar	function
data	data table	registered	data table
define	function	replacements	table
expand	function	F add	
expanders	table	F handler	
frequencies	table	F set	
F averagecharwidth		righthyphenmin	function
F getdata		serializediscretionary	function
getdata	function	setexceptions	function
getnumber	function	setsynonym	function
hyphenate	function	unload	function
hyphenators	table	version	number
T dictionaries		visualizediscretionaries	function
D featuresets		words	table
F handler		F check	
F popmethod		T data	
F pushmethod		F disable	
F setmethod		F enable	
T traditional		T enablers	
F definefeatures		B enables	
F gettrace		F found	
F hyphenate		F load	
F injecthyphens		T methods	
F installmethod		N threshold	
F lasttrace			
F loadpatterns			
F registerexception			
F registerpattern			
installed	function		
labels	table		
F define			
F split			
lefthyphenmin	function		
loadable	function		
loadwords	function		
logger	table		
F report			

layouts (context)

status table

F isleftpage

F leftorrightpagection

lfs (extra lua)

attributes	overloaded function
chdir	overloaded function
currentdir	function
dir	overloaded function
isdir	overloaded function
isfile	overloaded function
lock	function
lock_dir	overloaded function
mkdir	overloaded function
mkdirs	function
readlink	overloaded function
rmdir	overloaded function
setmode	overloaded function
shortname	overloaded function
symlinkattributes	overloaded function
touch	overloaded function
unlock	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
categories	function
direct	function
disable	function
enable	function
exporters	table
extendbanner	function
flush	function
help	function
messenger	function
new	function
newline	function
poptarget	function
pushtarget	function
report	function
reportbanner	function
reporter	function
reporters	table

F banner

F export

F help

F info

F lines

F version

reportline	function
reportlines	function
setformats	function
setformatters	function
setlogfile	function
setmessenger	function
setprocessor	function
setprogram	function
settarget	function
settimedlog	function
settranslations	function
show	function
show_close	function
show_load	function
show_open	function
simple	function
simpleline	function

simplelines	function
start_page_number	function
status	function
stop_page_number	function
subdirect	function
subreport	function
system	function
texerrormessage	function
writer	function

lpdf (context)

action	function	finalizepage	function
adddocumentcolorspace	function	finishtransparencycode	function
adddocumenttextgstate	function	flushobject	function
adddocumentpattern	function	flushstreamfileobject	function
adddocumentshade	function	flushstreamobject	function
addtocatalog	function	formats	data table
addtoinfo	function	frompdfdoc	function
addtonames	function	fromsixteen	function
addtopageattributes	function	gethpos	function
addtopageresources	function	getmatrix	function
addtopagesattributes	function	getpos	function
addxmpinfo	function	getvpos	function
annotationspecification	function	graycode	function
array	function	hasmatrix	function
boolean	function	id	function
border	function	injectxmpinfo	function
checkedkey	function	insertxmpinfo	function
checkedvalue	function	layerreference	function
circularshade	function	limited	function
cmykcode	function	linearshade	function
collectedresources	function	nametree	function
color	function	null	function
colorspace	function	number	function
colorspaceconstants	data table	pagedestinations	data table
colorspec	function	pagereference	function
colorvalue	function	pagereferences	data table
colorvalues	function	pdfcolor	function
constant	function	pdftimestamp	function
delayedobject	function	protectresources	boolean
destinationspecification	function	rectangle	function
dictionary	function	reference	function
docstring	function	registerannotation	function
epdf	table	registerdestination	function
F contenttotext		registerdocumentfinalizer	function
F expand		registerpagefinalizer	function
F expanded		reserveobject	function
F getpagecontent		rgbcode	function
F getstructure		rotationcm	function
F load		shareobject	function
F unload		shareobjectreference	function
finalizeddocument	function	spotcode	function

stream	function
string	function
timestamp	function
toeight	function
topdfdoc	function
tosixteen	function
transform	function
transparency	function
transparencycode	function
transparencygroups	table
B none	
transparencyvalue	function
unicode	function
verbose	function

lpeg (basic lua)

B	function	setmaxstack	function
C	function	split	function
Carg	function	splitat	function
Cb	function	splitter	function
Cc	function	stripper	function
Cf	function	times	function
Cg	function	tsplitat	function
Cmt	function	tsplitter	function
Cp	function	type	function
Cs	function	utfchartabletopattern	function
Ct	function	version	function
P	function		
R	function		
S	function		
UP	function		
UR	function		
US	function		
V	function		
afterprefix	function		
anywhere	function		
append	function		
balancer	function		
beforesuffix	function		
checkedsplit	function		
counter	function		
endstripper	function		
finder	function		
firstofsplit	function		
frontstripper	function		
instringchecker	function		
is_lpeg	function		
keeper	function		
locale	function		
match	function		
oneof	function		
patterns	data table		
pcode	function		
print	function		
ptree	function		
replacer	function		
secondofsplit	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
bytdone	table
B toks-new	
B toks-sc	
collectgarbage	function
delay	function
finalize	function
firstbytecode	number
flush	function
flushdelayed	function
get_functions_table	function
getbytecode	function
getluaname	function
lastbytecode	number
mask	string
messages	data table
name	table
numbers	data table
registercode	function
registeredcodes	function
registerfinalizer	function
registername	function
setbytecode	function
setluaname	function
startupfile	string
version	string

luatex (context)

cleanuptempfiles	function
registerstartactions	function
registerstopactions	function
registertempfile	function
starttime	number

lxml (context)

addindex	function	flushsetups	function
all	function	flushspacewise	function
applyfunction	function	get_id	function
att	function	getid	function
attribute	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	info	function
context	function	inlineverbatim	function
convert	function	installsetup	function
count	function	last	function
delete	function	load	function
direct	function	loadbuffer	function
directives	table	loaddata	function
F after		loaded	table
F before		loadregistered	function
F handle		main	function
F load		match	function
F setup		name	function
displayverbatim	function	namespace	function
doif	function	nonspace	function
doifelse	function	pos	function
doifelseempty	function	position	function
doifelsetext	function	raw	function
doifempty	function	rawroot	function
doifnot	function	register	function
doifnotempty	function	registerentity	function
doifnottext	function	removesetup	function
doiftext	function	resetcdata	function
element	function	resetsetups	function
elements	function	resolvedentity	function
entities	data table	root	function
filter	function	save	function
filterlist	function	serialize	function
first	function	setaction	function
flush	function	setcdata	function
flushlinewise	function	setcommandtonone	function

setcommandtotext	function
setsetup	function
snippet	function
sorters	table
F add	
F compare	
F flush	
F reset	
F show	
F sort	
splitid	function
startraw	function
stopraw	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
acos	function
asin	function
atan	function
atan2	function
ceil	function
cos	function
cosd	function
cosh	function
deg	function
div	function
even	function
exp	function
floor	function
fmod	function
frexp	function
huge	number
initialseed	number
ldexp	function
log	function
log10	function
max	function
min	function
mod	function
modf	function
odd	function
pi	number
pow	function
rad	function
random	function
randomseed	function
round	function
setrandomseedi	function
sin	function
sind	function
sinh	function
sqrt	function
tan	function
tand	function
tanh	function

mathematics (context)

addfallbacks	function	resetitalics	function
alphabets	data table	scaleparameters	function
alternatives	data table	setalternate	function
big	function	setitalics	function
boldmap	data table	sets	data table
categories	table	styles	data table
D functions		syncboth	function
charactersets	data table	syncname	function
checkaccentbaseheight	function	syncstyle	function
checkprivateparameters	function	toname	function
classes	data table	tostyle	function
codes	data table	tweakaftercopyingfont	function
define	function	tweakbeforecopyingfont	function
dimensions	function	tweaks	table
extensiblecode	function	utfmathaccent	function
extensibles	data table	utfmathclass	function
extrabase	number	utfmathcommand	function
extras	table	utfmathfiller	function
F add		utfmathstretch	function
F copy			
fallbacks	table		
F apply			
F install			
fallbackstyleattr	function		
families	data table		
gaps	data table		
getboth	function		
getstyle	function		
initializeparameters	function		
injectfallbacks	function		
makefont	function		
mapremap	data table		
overloaddimensions	function		
overloadparameters	function		
privatebase	number		
remapalphabets	function		
renderings	table		
D mappings			
D numbers			
D sets			
renderset	function		

mbox (context)

parse	function
parse_from	function
parse_header	function
parse_headers	function
parse_message	function
split_headers	function
split_mbox	function
split_message	function

md5 (extra lua)

HEX	function
crypt	function
dec	function
decrypt	function
exor	function
hex	function
sum	function
sumhexa	function

metapost (context)

analyzeplugins	function	gettext	function
checkformat	function	graphic	function
checktexts	function	graphic_base_pass	function
collapse	boolean	initializescriptrunner	function
colorinitializer	function	instance	function
convert	function	intermediate	table
defaultformat	string	T actions	
defaultinstance	string	F makemyp	
defaultmethod	string	lastlog	string
directrun	function	load	function
edefsxsy	function	makemyp	table
escaped	function	N nofconverted	
exectime	table	F processgraphics	
extensiondata	data table	F registerfile	
filterclippath	function	metafun	table
flush	function	F interpolate	
flushers	table	F topath	
T pdf		method	number
F comment		mptopdf	table
F flushfigure		F convertmptstopdf	
F startfigure		N nofconverted	
F stopfigure		n	number
F textfigure		nvformat	function
flushliteral	function	optimize	boolean
flushnormalpath	function	parse	function
flushreset	function	pdfliterals	function
fonts	table	pluginactions	function
F define		process	function
T flusher		processplugins	function
F flushfigure		processspecial	function
F startfigure		properties	table
F stopfigure		quickanddirty	function
N instances		reducetogray	boolean
F process		reporterror	function
format	function	reset	function
format_number	function	resetlastlog	function
format_string	function	resetplugins	function
formatnumber	function	runscript	function
getclippath	function	scripterror	function
getextensions	function	setextensions	function
getstatistics	function	setoutercolor	function

settext	function
showlog	boolean
svformat	function
tex	table
F get	
F reset	
F set	
texerrors	boolean
textextsdata	function
theclippath	function
totable	function
unload	function
untagvariable	function
variables	table

mime (extra lua)

b64 function

decode function

decodet table

F base64

F quoted-printable

dot function

encode function

encodet table

F base64

F quoted-printable

eol function

normalize function

qp function

qpwrp function

stuff function

unb64 function

unqp function

wrap function

wrapt table

F base64

F default

F quoted-printable

F text

wrp function

mp (context)

f	function
dataset	function
datasets	table
F load	
format	function
get	table
F boolean	
F number	
F numeric	
F string	
n	function
numeric	function
pair	function
path	function
print	function
quadruple	function
quoted	function
size	function
triplet	function

mplib (extra tex)

fields	function
finder	function
finders	table
F file	
get_boolean	function
get_number	function
get_numeric	function
get_string	function
new	overloaded function
pen_info	function
preprocessed	function
version	function

newtoken (context)

create	function
get_code	function
get_future	function
get_next	function
is_token	function
scan_code	function
scan_dimen	function
scan_glue	function
scan_int	function
scan_keyword	function
scan_string	function
scan_token	function
scan_toks	function
set_macro	function
type	function

noads (context)

handlers table

- F check
- F classes
- F collapse
- F families
- F italics
- F relocate
- F render
- F resize
- F showtree
- F tags
- F unscript
- F variants

process function

processors table

- T collapse
- F mlist_to_hlist
- T relocate
- T render
- T resize
- T unscript

node (basic tex)

copy	function	F protect_glyphs	
copy_list	function	F protrusion_skippable	
count	function	F remove	
current_attr	function	F set_attribute	
dimensions	function	F set_properties_mode	
direct	table	F setbox	
F copy		F setfield	
F copy_list		F setproperty	
F count		F slide	
F current_attr		F tail	
F dimensions		F todirect	
F do_ligature_n		F tonode	
F end_of_math		F toString	
F first_glyph		F traverse	
F flush_list		F traverse_id	
F flush_node		F unprotect_glyphs	
F flush_properties_table		F unset_attribute	
F free		F usedlist	
F get_properties_table		F vpack	
F getbox		F write	
F getchar		do_ligature_n	function
F getfield		end_of_math	function
F getfont		family_font	function
F getid		fields	function
F getleader		first_character	function
F getlist		first_glyph	function
F getnext		flush_list	function
F getprev		flush_node	function
F getproperty		flush_properties_table	function
F getsubtype		free	function
F has_attribute		get_properties_table	function
F has_field		getchar	function
F has_glyph		getfield	function
F hpack		getfont	function
F insert_after		getid	function
F insert_before		getleader	function
F is_direct		getlist	function
F is_node		getnext	function
F last_node		getprev	function
F length		getproperty	function
F new		getsubtype	function

has_attribute	function
has_field	function
has_glyph	function
hpack	function
id	function
insert_after	function
insert_before	function
is_node	function
kerning	function
last_node	function
length	function
ligaturing	function
mlist_to_hlist	function
new	function
next	function
prev	function
protect_glyphs	function
protrusion_skippable	function
remove	function
set_attribute	function
set_properties_mode	function
setfield	function
setProperty	function
slide	function
subtype	function
tail	function
tostring	function
traverse	function
traverse_id	function
type	function
types	function
unprotect_glyphs	function
unset_attribute	function
usedlist	function
vpack	function
whatsits	function
write	function

nodes (context)

accentcodes	data table	free_spec	function
aligned	function	getattr	function
append	function	getattribute	function
astable	function	getbox	function
basepoints	function	getchar	function
builders	table	getfield	function
F buildpage_filter		getfont	function
F vpack_filter		getid	function
codes	data table	getleader	function
concat	function	getlist	function
copy	function	getnext	function
copy_list	function	getprev	function
copy_spec	function	getskip	function
count	function	getsubtype	function
current_attr	function	gluecodes	data table
delete	function	glyphcodes	data table
destinations	table	glyphdir_is_equal	data table
N attribute		glyphdir_is_opposite	data table
T done		glyphdir_is_orthogonal	data table
F handler		gonuts	boolean
T stack		handlers	table
dimensionfields	data table	F accessibility	
dimensions	function	F alignbackgrounds	
dir_is_pop	data table	F backgrounds	
dir_negation	data table	F characters	
disccodes	data table	F checkforleaks	
discretionarycodes	data table	F checkglyphs	
do_ligature_n	function	F cleanupbox	
end_of_math	function	F cleanuppage	
fasthpack	function	F export	
fencecodes	data table	F finalize	
fields	function	F migrate	
fillcodes	data table	F protectglyphs	
first_character	function	F stripping	
first_glyph	function	F unprotectglyphs	
firstcharacter	function	has_attribute	function
firstcharinbox	function	has_field	function
firstglyph	function	has_glyph	function
flush_list	function	hpack	function
flush_node	function	idstostring	function
free	function	ignorablefields	data table

injections	table	listtablefields	data table
F copy		listcodes	data table
F getligaindex		listtoutf	function
F handler		load	function
F installnewkern		locate	function
F keepcounts		margincodes	data table
F reset		markers	table
F resetcounts		F get	
F setcursive		mathcodes	data table
F setkern		maxboxwidth	function
F setligaindex		mlist_to_hlist	function
F setmark		new	function
F setpair		noadcodes	data table
insert_after	function	nodecodes	data table
insert_before	function	nopts	function
insert_list_after	function	nuts	table
installattributehandler	function	F append	
is_direct	function	F concat	
is_display_math	function	F copy	
is_mirrored	data table	F copy_list	
is_node	function	F copy_properties	
is_nut	function	F count	
is_rotated	data table	F current_attr	
kerncodes	data table	F delete	
kerning	function	F dimensions	
keys	table	F do_ligature_n	
T whatsit		F end_of_math	
last_node	function	F fasthpack	
leftmarginwidth	function	F first_glyph	
ligaturing	function	F firstcharacter	
lines	table	F firstcharinbox	
T boxed		F firstglyph	
F register		F flush_list	
F setup		F flush_node	
F stage_one		F free	
F stage_two		F getattr	
F stage_zero		F getattribute	
D data		F getbox	
F finalize		F getchar	
F number		F getfield	
N scratchbox		F getfont	
link	function	F getid	
linked	function	F getleader	
list	function	F getlist	

F getnext	F pdfdestination
F getprev	F pdfdirect
F getprop	F pdfliteral
F getskip	F pdfrestore
F getsubtype	F pdfsave
F has_attribute	F pdfsetmatrix
F has_field	F penalty
F has_glyph	F register
F hpack	F rightmarginkern
F insert_after	F rightskip
F insert_before	F rule
F insert_list_after	F shrink
F is_direct	F special
F is_display_math	F stretch
F is_node	F temp
F is_nut	F textdir
F kerning	F usage
F last_node	T userids
F leftmarginwidth	N margins.inline
F ligaturing	N property
F link	N splitters.one
F linked	N splitters.two
F locate	F userlist
F mlist_to_hlist	F usernumber
F nestedtracedslide	F userstring
F new	F usertokens
T pool	F vlist
F baselineskip	F zeroglue
F cleanup	F prepend
F disc	F protect_glyphs
F fontkern	F protrusion_skippable
F glue	F reference
F gluespec	F remove
F glyph	F repackhlist
F hlist	F replace
F kern	F rightmarginwidth
F latelua	F set_attribute
F lateluafunction	F setattr
F leftmarginkern	F setattrtribute
F leftskip	F setattrtributes
F lineskip	F setbox
F negatedglue	F setfield
F noad	F setprop
F pdfannotation	F setunsetattributes

F slide		N attribute	
F somepenalty		D data	
F somespace		F enable	
F tail		F handler	
F takebox		F register	
F tonode		D registered	
F tonodes		D values	
F tonut		F processor	
F tosequence		points	function
F tostring		pool	table
F tracedslide		F baselineskip	
F traverse		F cleanup	
F traverse_id		F glyph	
T typesetters		F kern	
F fast_hpack		F latelua	
F hpack		F lateluafunction	
F tohpack		F lineskip	
F tohpackfast		F pdfdirect	
F tonodes		F pdfliteral	
F tovpack		F pdfrestore	
F tovpackfast		F pdfsave	
F vpack		F pdfsetmatrix	
F unprotect_glyphs		F register	
F unset_attribute		F rule	
F unsetattribute		F special	
F unsetattributes		F usage	
F untracedslide		T userids	
F usedlist		N margins.inline	
F vianodes		N property	
F vianuts		N splitters.one	
F vpack		N splitters.two	
F writable_spec		F usernumber	
F write		prepend	function
packlist	function	print	function
pardir_is_equal	data table	processors	table
pardir_is_opposite	data table	B enabled	
pardir_is_parallel	data table	F hpack_filter	
partextdir_is_equal	data table	F post_linebreak_filter	
penaltycodes	data table	F pre_linebreak_filter	
plugindata	table	F tracer	
F finalizer		processwords	function
F initializer		properties	table
S name		T actions	
T namespace		F delayed	

F delayed		skipcodes	data table
F immediate		slide	function
F attach		snapshots	table
T data		F getparameters	
F delayed		F getsamples	
protect_glyphs	function	F resetsamples	
protrusion_skippable	function	F takesample	
pts	function	somepenalty	function
reference	function	somespace	function
references	table	stripping	table
N attribute		T glyphs	
T done		F set	
F handler		striprange	function
T stack		tail	function
remove	function	takebox	function
repackhlist	function	tasks	table
replace	function	F actions	
report	function	F appendaction	
rightmarginwidth	function	F disableaction	
rules	table	F disablegroup	
D data		F enableaction	
F define		F enablegroup	
F enable		F freeze	
F handler		F freezegroup	
save	function	F new	
serialize	function	F prependaction	
serializebox	function	F removeaction	
set_attribute	function	F replaceaction	
setattr	function	F restart	
setattribute	function	F setaction	
setattributes	function	F showactions	
setbox	function	F table	
setfield	function	texmdir_is_equal	data table
setunsetattributes	function	texmdir_is_is	data table
shifts	table	texmdir_is_opposite	data table
D data		texmdir_is_parallel	data table
F define		tobasepoints	function
F enable		tocentimeters	function
F handler		tociceros	function
show	function	todidots	function
showboxes	function	todimen	function
showcodes	function	toinches	function
showlist	function	tomillimeters	function
showsimplelist	function	tonewciceros	function

tonewdidots	function	F nofsteps	
tonode	function	F register	
tonodes	function	F reset	
tonut	function	F start	
topicas	function	F stop	
topoints	function	F stop	
toscaledpoints	function	T transparencies	
tosequence	function	F reset	
tostring	function	F set	
totable	function	F setlist	
totree	function	traverse	function
toutf	function	traverse_id	function
tracers	table	typesetters	table
T characters		F hpack	
F collect		F tohpack	
F equal		F tohpackfast	
F start		F tonodes	
F string		F tovpack	
F unicodes		F tovpackfast	
T colors		F vpack	
F reset		unprotect_glyphs	function
F set		unset_attribute	function
F setlist		unsetattribute	function
F fontchar		unsetattributes	function
T frequencies		usedlist	function
F register		vianodes	function
T pool		vianuts	function
T nodes		visualizebox	function
F rule		visualizers	table
T nuts		F box	
F rule		F handler	
F resetproperties		F markfonts	
F rule		F setfont	
F setlist		F setlayer	
F setproperties		F setvisual	
F start		vpack	function
T steppers		whatcodes	data table
F check		whatsitcodes	data table
F codes		writable_spec	function
F features		write	function
F font			
F glyphs			
F message			
F messages			

number (context)

	function
basepoints	function
bit	function
bits	function
clearbit	function
dimenfactors	data table
formatted	function
hasbit	function
maxdimen	number
nopts	function
percent	function
points	function
pts	function
setbit	function
signed	function
sparseexponent	function
splitdimen	function
tobasepoints	function
tobitstring	function
tocentimeters	function
toxiceros	function
to didots	function
todimen	function
toevenhex	function
toinches	function
tomillimeters	function
tonewciceros	function
tonewdidots	function
tonumberf	function
tonumberg	function
topics	function
topoints	function
toscaled	function
toscaledpoints	function
toset	function
valid	function

os (basic lua)

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

package (basic lua)

config	string
cpath	string
extralibpath	function
extralibpaths	function
extralupath	function
extralupaths	function
helpers	table
libpaths	function
loaded	table
loaders	table
loadlib	function
luapaths	function
path	string
preload	table
searchpath	function
seeall	function

pagebuilders (context)

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)

getcatalog	function
gethpos	function
getinfo	function
getmatrix	function
getnames	function
getpageattributes	function
getpageresources	function
getpagesattributes	function
getpos	function
gettrailer	function
getvpos	function
hasmatrix	function
immediateobj	function
mapfile	function
mapline	function
maxobjnum	function
obj	function
objtype	function
pageref	function
print	function
refobj	function
registerannot	overloaded function
reserveobj	function
setcatalog	overloaded function
setinfo	overloaded function
setnames	overloaded function
setpageattributes	overloaded function
setpageresources	overloaded function
setpagesattributes	overloaded function
settrailer	overloaded function

pdfscanner (context)

scan function

physics (context)

units table

D tables

profiler (extra lua)

pause function
resume function
start function
stop function

publications (context)

addtexentry	function	S editor
analyze	function	S journal
anywhere	function	S keywords
authorcache	table	S number
authorcollapsers	data table	S pages
casters	table	S title
F author		S volume
F keyword		S year
F pagenumber		T optional
F range		T required
citevariants	table	T sets
F author		T author
F authornum		T virtual
F authoryear		T book
F authoryears		S category
F category		T extra
F default		T fields
F entry		S address
F index		S author
F key		S edition
F keywords		S editor
F num		S keywords
F page		S number
F serial		S publisher
F short		S subtitle
F tag		S title
F type		S volume
F year		S year
collected	data table	T optional
components	table	T required
F author		T sets
concatstate	function	T author
converttoxml	function	T editionset
currentspecification	table	T virtual
S author		T demo-a
T categories		S category
T article		T extra
S category		T fields
T extra		S author
T fields		S institution
S author		S organization

S subtitle		T gskip	
S title		T kind	
S year		T list	
T optional		T system	
T required		T order	
T sets		enhancers	table
T author		F details	
T virtual		F order	
T demo-b		F suffixes	
S category		finder	function
T extra		found	function
T fields		get	function
S author		getcasted	function
S institution		getdetail	function
S organization		getdirect	function
S subtitle		getfaster	function
S title		getfield	function
S year		getfuzzy	function
T optional		getindex	function
T required		inspectors	data table
T sets		journals	table
T authors		F abbreviated	
T virtual		F add	
S comment		F expanded	
S copyright		F load	
T fields		F save	
S name		lists	table
T types		F collectentries	
S author		F fetchentries	
S editor		F filterall	
S keywords		F flushentry	
S number		T methods	
S page		F dataset	
S pages		F force	
S volume		F global	
S version		F local	
T virtual		F nofregistered	
datasets	table	F prepareentries	
detailed	table	F register	
endnotes_to_btx	function	F sameasprevious	
enhancer	table	T sorters	
S arguments		F dataset	
T askip		F default	
B dirty		F reference	

F short		S editor
F uservariable		S journal
listvariants	table	S keywords
F bib		S number
F default		S pages
F num		S title
F page		S volume
F short		S year
F yes		T optional
load	function	T required
loadbibdata	function	T sets
loaders	table	T author
F bbl		T virtual
F bib		T book
F buffer		S category
F endnote		T extra
F lua		T fields
F refman		S address
F registercleaner		S author
F xml		S edition
new	function	S editor
okay	function	S keywords
parenttag	function	S number
permitted	function	S publisher
refman_to_btx	function	S subtitle
resolvedname	function	S title
save	function	S volume
search	function	S year
setcategory	function	T optional
setspecification	function	T required
singularorplural	function	T sets
sortedentries	function	T author
sortmethods	table	T editionset
T authorityyear		T virtual
T sequence		T demo-a
specifications	table	S category
T default		T extra
S author		T fields
T categories		S author
T article		S institution
S category		S organization
T extra		S subtitle
T fields		S title
S author		S year

T optional		D specials	
T required		D types	
T sets		D virtuals	
T author		tags	function
T virtual		tracers	table
T demo-b		F showdatasetauthors	
S category		F showdatasetcompleteness	
T extra		F showdatasetfields	
T fields		F showentry	
S author		F showfields	
S institution		F showtables	
S organization		F showvariants	
S subtitle		typesetters	table
S title		F author	
S year		F string	
T optional		usedentries	function
T required		writers	table
T sets		F author	
T authors		F keyword	
T virtual		F pagenumber	
S comment		F range	
S copyright			
T fields			
S name			
T types			
S author			
S editor			
S keywords			
S number			
S page			
S pages			
S volume			
S version			
T virtual			
statistics	table		
N nofbytes			
N nofdatasets			
N nofdefinitions			
N nofshortcuts			
tables	table		
D implicits			
D origins			
D privates			
D sets			

regimes (context)

cleanup	function
disable	function
enable	function
fromregime	function
pop	function
process	function
push	function
toregime	function
translate	function

resolvers (context)

allprefixes	function	findtextfile	function
appendhash	function	findwildcardfile	function
automount	function	findwildcardfiles	function
automounted	table	formatofsuffix	function
booleanvariable	function	formatofvariable	function
cacheversion	string	formats	data table
checkedvariable	function	generators	data table
cleanedpathlist	function	get_from_content	function
cleanpath	function	getenv	function
cleanpathlist	function	getownpath	function
concatinators	data table	getreadfilename	function
configbanner	string	hashers	data table
criticalvars	data table	homedir	string
dangerous	data table	inputstack	table
datastate	function	installinputfilehandler	function
defaultsuffixes	table	installinputlinehandler	function
dowithfilesandreport	function	instance	table
dowithfilesintree	function	D data	
dowithpath	function	B diskcache	
dowithvariable	function	D environment	
env	function	D expansions	
executers	table	D fakepaths	
expandbraces	function	D files	
expandedpathfromlist	function	B force_suffixes	
expandedpathlist	function	D found	
expandedpathlistfromvariable	function	D foundintrees	
expandpath	function	D hashed	
expandpathfromvariable	function	D hashes	
expansion	function	D lists	
extendtexmfvariable	function	B loadererror	
filtered_from_content	function	D order	
find_file	function	D pathlists	
find_files	function	T pathstack	
findbinfile	function	B remember	
findctxfile	function	B renewcache	
finders	data table	B renewtree	
findfile	function	B savelists	
findfiles	function	D setups	
findgivenfile	function	D specification	
findgivenfiles	function	D variables	
findpath	function	jobpath	function

jobs	table	registerfilehash	function
F currentcomponent		registerintrees	function
F currentenvironment		registermethod	function
F currentproduct		registerzipfile	function
F currentproject		relations	data table
F justacomponent		renew	function
D processors		repath	function
F productcomponent		reset	function
F usefile		resetextrapath	function
joinpath	function	resetresolve	function
load	function	resolve	function
loadbinfile	function	savers	data table
loaders	data table	scandata	function
loadlualib	function	scanfiles	function
loadtexfile	function	schemes	table
loadtime	function	T cleaners	
locateformat	function	F md5	
locators	data table	F none	
luacnfname	string	F strip	
luacnfspec	string	F cleanname	
luacnfstate	string	F fetchstring	
macros	table	F fetchtable	
F convertfile		F install	
F decodecomment		setdynamic	function
F enablecomment		setenv	function
F encodecomment		setinstance	function
F preprocessed		showpath	function
F processmk		simplescanfiles	function
F processmkvi		splitconfigurationpath	function
F version		splitexpansions	function
maxreadlevel	number	splitmethod	function
methodhandler	function	splitpath	function
newinstance	function	stackpath	function
openbinfile	function	suffixes	data table
openers	data table	suffixmap	data table
openfile	function	suffixofformat	function
opentexfile	function	texdatablob	function
ownpath	string	toppath	function
poppath	function	unexpandedpath	function
prefixes	data table	unexpandedpathlist	function
prependhash	function	unresolve	function
pushpath	function	updaterelations	function
registerextrapath	function	updatescript	function
registerfile	function	usertypes	data table

usezipfile	function
validatedpath	function
variable	function
variableofformat	function
variableofformatorsuffix	function
wildcardpattern	function

sandbox (context)

binaryhandler	function
disablerunners	function
enable	function
filehandlerone	function
filehandlertwo	function
finalizer	function
initializer	function
iohandler	function
logcalls	function
logfiles	function
original	function
overload	function
possiblepath	function
redefine	function
register	function
registerbinary	function
registerroot	function
registerrunner	function
report	function
run	function
runhandler	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

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

socket (extra lua)

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

S received
 S received-from-mta
 S references
 S referer
 S remote-mta
 S reply-to
 S reporting-mta
 S resent-bcc
 S resent-cc
 S resent-date
 S resent-from
 S resent-message-id
 S resent-reply-to
 S resent-sender
 S resent-to
 S retry-after
 S return-path
 S sender
 S server
 S smtp-remote-recipient
 S status
 S subject
 S te
 S to
 S trailer
 S transfer-encoding
 S upgrade
 S user-agent
 S vary
 S via
 S warning
 S will-retry-until
 S www-authenticate
 S x-mailer

http table

N PORT
 N TIMEOUT
 S USERAGENT
 F open
 F request

newtry function
protect function
select function
sink function

sinkt table

F close-when-done
 F default
 F http-chunked
 F keep-open

skip function

sleep function

smtp table

S DOMAIN
 N PORT
 S SERVER
 N TIMEOUT
 S ZONE
 F message
 F open
 F send

source function

sourcet table

F by-length
 F default
 F http-chunked
 F until-closed

tcp function

tcp6 function

tp table

N TIMEOUT
 F connect

try function

udp function

udp6 function

url table

F absolute
 F build
 F build_path
 F escape
 F parse
 F parse_path
 F unescape

sorters (context)

basicsorter function

comparers table

 F basic

constants table

 S defaultdigits

 S defaultlanguage

 S defaultmethod

 N digitmaximum

 N digitsoffset

 N ignoredoffset

 N replacementoffset

 T validmethods

 B ch

 B mc

 B mm

 B pc

 B pm

 B uc

 B zc

 B zm

definitions data table

firstofsplit function

setlanguage function

sort function

splitters table

 F utf

strip function

tracers data table

update function

statistics (context)

checkfmtstatus	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

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

structures (context)

allocation	function	F previous
blocks	table	F raw
D collected		F record
F define		F reset
F print		F restart
F save		F restore
F select		F save
F setstate		F set
D states		F setlevel
D tobesaved		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		currentsectionnumber function
F installhandler		descriptions table
F merge		documents table
S method		D data
F overload		F initialize
F place		F preset
F register		F reset
F setup		floats table
counters	table	formulas table
F add		F current
F analyze		F simplify
F check		F store
D collected		helpers table
F compact		F analyze
F converted		F formulanumber
F currentvalue		F merged
D data		F page
F define		F prefix
F first		F prefixlastpage
F get		F prefixpage
F last		F simplify
F next		F title
F prev		F touserdata

inserts

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

table

itemgroups

table

lists

table

F addto
F analyze
B autoreorder
D cached
D collected
F discard
F enhance
T enhancers
F filter
F formulainumber
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
F realpage
F reordered

T result
D sectionblocks
F sectionnumber
F size
F title
D tobesaved
F userdata
F uservalue

marks

table

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

table

F checkpagechange
F define
F doifonsamepageasprevious
F get
F getdeltapage
F getn
F getnumberpage
F getstate
F getsymbolpage
F hascontent
F internal
F internalid
F listindex
F ordered
F postpone
F resetpostponed

F restore		F get
F save		F getcurrentmetadata
F setstate		F getcurrentprefixspec
F setsymbolpage		F getinnermethod
D states		F getinternalreference
F store		F getinternalreference
pages	table	D handlers
F analyze		F identify
D collected		F import
F is_odd		F inject
N nopages		F injectcurrentset
F number		S innermethod
F save		D internals
D tobesaved		F load
references	table	F loadpresets
F analyze		F mark
F checkedfile		D pages
F checkedfileorurl		U prefixsplitter
F checkedprogram		D productdata
F checkedrealpage		T programs
F checkedurl		T data
D collected		F define
U componentsplitter		F get
F currentmetadata		F realpageofpage
F currentorder		U referencesplitter
D currentset		D referred
F define		F referredpage
D defined		F registerfinalizer
D derived		F registerinitializer
F enableinteraction		F registerpage
F enhance		F reportproblems
D executers		F reset
F expandcurrent		D runners
F export		F set
T files		F setandgetattribute
T data		F setcomponent
F define		F setinnermethod
F get		F setinternalreference
F filter		F setnextinternal
F filterdefault		F setnextorder
D filters		F setreferencerealpage
D flaginternals		D specials
F from		F splitcomponent
D functions		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
- T urls
 - T data
 - F define
 - F get
- D usedinternals
- D usedviews
- F valid
- F whatfrom

registers

table

- F analyze
- D collected
- F compare
- F define
- F enhance
- F extend
- F filter
- F filtercollected
- F finalize
- F flush
- F get
- F prepare
- F process
- F setmethod
- F sort
- F store
- D tobesaved
- F unique

- F userdata
- sections**
- table
 - 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 load
 - F matchingtilldepth
 - F numberatdepth
 - F numbers
 - F popblock
 - F prefixedconverted
 - F pushblock
 - F register
 - D registered
 - F reportstructure
 - F save
 - T sectionblockdata
 - T bodypart
 - S bookmark
 - F set
 - F setblock
 - F setchecker
 - F setentry
 - F setlevel
 - F setnumber
 - F structuredata
 - F title
 - D tobesaved
 - F typesetnumber

F userdata		F setdescriptionsymbol
B verbose		F setfigure
sets	table	F sethighlight
F define		F setitemgroup
F get		F setlist
F getall		F setproperty
D setlist		F setregister
specials	table	F setsorting
D collected		F setsynonym
F retrieve		F settablecell
F store		F settabulatecell
D tobesaved		F setuserproperties
synonyms	table	D specifications
F analyzed		F start
D collected		F stop
F compare		D taglist
F define		
F filter		
F finalize		
F flush		
F meaning		
F prepare		
F process		
F register		
F registerused		
F sort		
F synonym		
D tobesaved		
tags	table	
F getid		
F handler		
D labels		
F last		
F lastinchain		
F locatedtag		
T patterns		
U splitter		
D properties		
F registermetadata		
F restart		
F setaspect		
F setattributehash		
F setcombination		
F setdescription		

table (basic lua)

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

tex (basic tex)

attribute	table	isdefined	function
badness	function	isdimen	function
box	table	isskip	function
catcode	table	istoken	function
conditionals	data table	lccode	table
constants	data table	linebreak	function
count	table	lists	table
ctdcatcodes	number	lua_math_random	function
ctxcatcodes	number	lua_math_randomseed	function
definefont	function	luacatcodes	number
delcode	table	mathcode	table
dimen	table	modes	data table
directives	data table	nest	table
enableprimitives	function	nilcatcodes	number
error	function	normal_rand	function
extraprimitives	function	notcatcodes	number
finish	function	number	function
fontidentifier	function	pdffontname	function
fontname	function	pdffontobjnum	function
fprint	function	pdffontsize	function
get	function	pdfpageref	function
getattribute	function	pdfxformname	function
getbox	function	primitives	function
getcatcode	function	print	function
getcount	function	prtcacodes	number
getdelcode	function	romannumeral	function
getdimen	function	round	function
getlccode	function	run	function
getlist	function	scale	function
getmath	function	set	function
getmathcode	function	set_experimental_code	function
getnest	function	setattribute	function
getsfcode	function	setbox	function
getskip	function	setcatcode	function
gettoks	function	setcount	function
getuccode	function	setdelcode	function
hashtokens	function	setdimen	function
ifs	data table	setlccode	function
inicalcodes	number	setlist	function
init_rand	function	setmath	function
iscount	function	setmathcode	function

setnest	function
setsfcode	function
setskip	function
settoks	function
setuccode	function
sfcode	table
shipout	function
show_context	function
skip	table
sp	function
sprint	function
systemmodes	data table
takebox	function
texcatcodes	number
toks	table
tpacatcodes	number
tpbcacodes	number
tprint	function
trackers	data table
txtcatcodes	number
type	function
uccode	table
uniform_rand	function
uniformdeviate	function
uprint	function
vrbcacodes	number
write	function

texconfig (basic tex)

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

texio (basic tex)

`write` function

`write_nl` function

token (basic tex)

command_id	function
command_name	function
create	function
csname_id	function
csname_name	function
expand	function
get_next	function
is_activechar	function
is_expandable	function
is_protected	function
lookup	function

tokens (context)

astable function
bgroup userdata
bits table

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
N whitespace

collectors table

T data
F defaultwords
F dowithwords
F flush
F install
F register
T registered
F show
F test

compile function
converters table

S todimen
S toglue
S tonumber
S toString

egroup userdata
getters table

F token

hbox userdata
istoken function
letter function
letters function
other function
pickup function
printlist function
scanners table

F boolean
F code
F count
F dimen
F dimension
F glue
F integer
F keyword
F number
F skip
F string
F token
F tokens
F toks
F word

scantable function
setters table

F macro

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
showlines	function
strings	table

S undefined

toks	function
type	function

trackers (context)

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

typesetters (context)

alignments	table	F installhandler	
F handler		F processmath	
F set		F set	
breakpoints	table	F setcolor	
F define		F setmath	
F handler		F tomode	
D mapping		firstlines	table
T methods		T actions	
T numbers		F default	
F set		F line	
F setreplacement		F word	
cases	table	F handler	
T actions		F set	
F handler		initials	table
F register		T actions	
F set		F default	
characteralign	table	F handler	
F handler		F set	
F resetcharacteralign		injectors	table
F setcharacteralign		F check	
characters	table	T list	
F handler		F mark	
F replacensp		F reset	
F replacenspaces		F set	
checkers	table	F show	
F handler		italics	table
F reset		F forcevariant	
F set		F handler	
cleaners	table	F reset	
F handler		F set	
F set		kerns	table
digits	table	D factors	
T actions		F handler	
F handler		F keepligature	
F set		B keeptogether	
directions	table	D mapping	
F getfences		F set	
F getglobal		manipulators	table
F getmethod		F apply	
F handler		F applyspecification	
T handlers		T methods	

F Word		F construct
F Words		F create
F abbreviatedjournal		F finish_row
F expandedjournal		F flush
F lowercase		F initialize_construct
F stripperperiod		F initialize_reflow_height
F uppercase		F initialize_reflow_width
T patterns		F next_row
U list		F reflow_height
U pair		F reflow_width
F splitspecification		F set_construct
margins	table	F set_reflow_height
F finalhandler		F set_reflow_width
F globalhandler		
F ha		
F localhandler		
F save		
marksuspects	function	
processors	table	
F apply		
F register		
F reset		
F split		
F startapply		
F stopapply		
F stripped		
F tostring		
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		

unicode (extra lua)

ascii table

F byte
F char
F dump
F find
F format
F gfind
F gmatch
F gsub
F len
F lower
F match
F rep
F reverse
F sub
F upper

grapheme table

F byte
F char
F dump
F find
F format
F gfind
F gmatch
F gsub
F len
F lower
F match
F rep
F reverse
F sub
F upper

latin1 table

F byte
F char
F dump
F find
F format
F gfind
F gmatch
F gsub

F len
F lower
F match
F rep
F reverse
F sub
F upper

utf8 table

F byte
F char
F characters
F chrln
F count
F dump
F filetype
F find
F format
F gfind
F gmatch
F gsub
F is_valid
F len
F length
F lower
F magic
F match
F remapper
F rep
F replacer
F reverse
F split
F splitlines
F sub
F subtituter
F tocodes
F toeight
F toentities
F toString
F totable
F upper
F ustring

F utf16_to_utf8_be
F utf16_to_utf8_be_t
F utf16_to_utf8_le
F utf16_to_utf8_le_t
F utf16_to_utf8_t
F utf32_to_utf8_be
F utf32_to_utf8_be_t
F utf32_to_utf8_le
F utf32_to_utf8_le_t
F utf32_to_utf8_t
F utf8_to_utf16
F utf8_to_utf16_be
F utf8_to_utf16_le
F utf8_to_utf8_t
F values
F xstring

url (context)

addscheme	function
barepath	function
construct	function
escape	function
filename	function
hashed	function
hasscheme	function
query	function
split	function
toquery	function
unescapeget	function

utilities (context)

debugger table

F disable
F enable
F savestats
F showstats
F showtraceback

formatters table

F formatcolumns
F list
F stripzeros

garbagecollector table

F check
N criterium
B enabled

lua table

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

packers table

F hashed
F new
F pack
F simplehashed
F strip
F unpack

N version

parsers table

F add_settings_to_array
F arguments_to_table
F array_to_string
F csvsplitter
F getparameters
F groupedsplitat
F hash_to_string
F iterator
F keq_to_hash
F listitem
F make_settings_to_hash_pattern
F mergehashes
F options_to_hash
T patterns
U settings_to_array
U settings_to_hash_a
U settings_to_hash_b
U settings_to_hash_c
U unittotex
F process_stripped_settings
F rfc4180splitter
F runtime
F settings_to_array
F settings_to_array_with_repeat
F settings_to_hash
F settings_to_hash_strict
F settings_to_hash_tolerant
F settings_to_set
F simple_hash_to_string
F splitmethod
F splitthousands
F stepper
F stripped_settings_to_array
F unittotex
F unittotxml

report function **sequencers** table

F appendaction
F appendgroup

F compile	U prune and collapse
F disableaction	U prune and no empty
F disablegroup	U retain
F enableaction	U retain and collapse
F enablegroup	U retain and no empty
D functions	F striplines
F localize	F striplong
F new	F tabtospace
F nodeprocessor	T tracers
F prependaction	tables table
F prependgroup	F accesstable
F removeaction	F definedtable
F replaceaction	F definetable
F setkind	F encapsulate
F tostring	F insertaftervalue
setters table	F insertbeforevalue
F disable	F migratetable
F enable	F removevalue
F initialize	F replacevalue
F list	templates table
F new	F load
F register	F replace
F report	F replacer
F reset	F resolve
F show	
stacker table	
F new	
storage table	
F allocate	
F checked	
F mark	
F marked	
F setinitializer	
F sparse	
strings table	
F collapsecrLf	
T formatters	
F add	
F new	
F newrepeater	
F nice	
T striplinepatterns	
U collapse	
U prune	

vf (context)

char	function
down	function
fontid	function
image	function
node	function
nop	function
pop	function
push	function
right	function
rule	function
special	function

visualizers (context)

escapepatterns	data table
getvisualizer	function
load	function
makenested	function
makepattern	function
newgrammar	function
newhandler	function
parsedxml	function
pattern	function
register	function
registerescapecommand	function
registerescapeline	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	D tex	
after	function	D texline	
all	function	D texspace	
applylpath	function	D verbose	
assign	function	defaultprotocol	string
attribute	function	delete	function
before	function	delete_element	function
body	function	each	function
builtinentities	table	each_element	function
B amp		elements	function
B apos		elementtocdata	function
B gt		empty	function
B lt		entities	data table
B quot		erase	function
cdata	function	errorhandler	function
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