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)

CheckCommand	function	**endpage**	function
MP	table	**environment**	table
ShowCommands	function	**epdf**	table
UsedCommands	table	**error**	function
_LUAVERSION	number	**experiments**	table
_MAJORVERSION	number	**figures**	table
_MINORVERSION	number	**file**	table
cldo	function	**floats**	table
arg	table	**font**	table
assert	function	**fontloader**	table
attributes	table	**fonts**	table
backends	table	**frozen**	boolean
beginpage	function	**functions**	table
bit	table	**gcinfo**	function
bit32	table	**getfenv**	function
blobs	table	**getmetatable**	function
boolean	table	**getpos**	function
border_set	boolean	**getreadfilename**	function
buffers	table	**getvpos**	function
builders	table	**global**	table
caches	table	**graphics**	table
callback	table	**gzip**	table
callbacks	table	**img**	table
catcodes	table	**inspect**	function
characters	table	**interactions**	table
chemistry	table	**interfaces**	table
collectgarbage	function	**io**	table
commands	table	**ipairs**	function
containers	table	**jit**	table
context	function	**job**	table
converters	table	**lang**	table
coroutine	table	**languages**	table
ctx_doifelse	function	**layouts**	table
ctxrunner	table	**lfs**	table
debug	table	**libraries**	table
dimen	function	**lmx**	table
dir	table	**load**	function
directives	table	**loadfile**	function
document	table	**loadstring**	function
documentdata	table	**logs**	table
dofile	function	**lpdf**	table

lpeg	table	**require**	function
ltn12	table	**resolvers**	table
lua	table	**resolvestoredfunction**	function
luatex	table	**sandbox**	table
lxml	table	**scripts**	table
m	string	**select**	function
math	table	**set**	table
mathematics	table	**setfenv**	function
mbox	table	**setinspector**	function
md5	table	**setmetatable**	function
metapost	table	**socket**	table
mime	table	**sorters**	table
module	function	**statistics**	table
moduledata	table	**status**	table
modules	table	**storage**	table
mp	table	**streams**	table
mplib	table	**string**	table
newproxy	function	**structures**	table
newtoken	table	**swiglib**	function
next	function	**table**	table
noads	table	**tex**	table
node	table	**texconfig**	table
nodes	table	**texio**	table
number	table	**thirddata**	table
optionalrequire	function	**toboolean**	function
os	table	**token**	table
outputpagestree	function	**tokens**	table
package	table	**tonumber**	function
pagebuilders	table	**tostring**	function
pairs	function	**tracers**	table
parametersets	table	**trackers**	table
pcall	function	**type**	function
pdf	table	**typesetters**	table
pdfscanner	table	**unicode**	table
physics	table	**unpack**	function
print	function	**url**	table
profiler	table	**userdata**	table
protect	function	**utf**	table
publications	table	**utilities**	table
rawequal	function	**vf**	table
rawget	function	**visualizers**	table
rawlen	function	**xml**	table
rawset	function	**xpcall**	function
regimes	table		

zip	table
zlib	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 hsvtogray
- 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 rgbtogray
- 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 keeptogether
- 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
bidi	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
enccodes	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	À
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 À	
S cm			S Á	
S cp			S Â	
S cr			S Ã	
S ex			S Ä	
S gl			S Å	
S h2			S Æ	
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S sp			S Ý	
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S xx			S á	
S zw			S â	
lower	function		S ã	
math	table		S ä	
mathpairs	data table		S å	

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S ọ̣	S ọ̇
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S ˀọ̣	S ũ̄
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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			
S		T char	
S		T compat	
S		**subscripts**	table
S		**superscripts**	table
S		**synonyms**	data table
S		**tex**	table
S			
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
S		**uccodes**	data table
S		**uhash**	table
S			
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unicodechar	function
upper	function

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	**btxloadjournallist**	function
attachproperty	function	**btxoneorrange**	function
autofinishstructurelevels	function	**btxpreparelistentries**	function
autonextspace	function	**btxsavedataset**	function
autonextstructurelevel	function	**btxsavejournallist**	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	**checkcountersetup**	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
converteddimen	function	**definemetafont**	function
cos	function	**definemultitonecolor**	function
cosd	function	**definenote**	function
countervalue	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
doifelsecontinuewithfile	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
doiffieldcategoryelse	function	**exportformdata**	function
doiffieldelse	function	**exportreferences**	function
doiffieldsetelse	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
doiffolderversionelse	function	**filterreference**	function
doifparentfileelse	function	**finalizebox**	function
doifpathexistelse	function	**findtwopassdata**	function
doifurldefinedelse	function	**firstcountervalue**	function
doprocesstypescriptfile	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
fontlookupnoffound	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	**monthmnem**	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 MPcolor
F MetapostSnippet
F MetapostSnippetBoundary
F MetapostSnippetComment
F MetapostSnippetConstructor
F MetapostSnippetName
F MetapostSnippetNameMetafun
F MetapostSnippetNamePlain
F MetapostSnippetNamePrimitive
F MetapostSnippetQuote
F MetapostSnippetSpecial
F MetapostSnippetString
F NC
F NR
F ParsedXmlSnippetCdata
F ParsedXmlSnippetComment
F ParsedXmlSnippetDoctype
F ParsedXmlSnippetElement
F ParsedXmlSnippetInstruction
F ParsedXmlSnippetKey
F ParsedXmlSnippetValue
F TexSnippet
F TexSnippetBoundary
F TexSnippetComment
F TexSnippetGroup
F TexSnippetName
F TexSnippetSpecial
F XmlSnippet
F XmlSnippetBoundary
F XmlSnippetCdata
F XmlSnippetComment
F XmlSnippetEntity
F XmlSnippetEqual
F XmlSnippetKey
F XmlSnippetName
F XmlSnippetString
F __flush
F __flushdirect
F __flushlines
F a
F addaskedblankskip
F addpredefinedblankskip
F applyprocessor

F b
F beginhbox
F beginvbox
F bf
F bgroup
F blank
F btxchecklistcombi
F btxchecklistentry
F btxciteauthorsetup
F btxcitesetup
F btxdirectlink
F btxflushauthor
F btxhandlelistentry
F btxhandlelisttextentry
F btxlistauthorsetup
F btxlistsetup
F btxpagesetup
F btxsetafter
F btxsetauthorindex
F btxsetauthorvariant
F btxsetbacklink
F btxsetbacktrace
F btxsetbefore
F btxsetcategory
F btxsetcombis
F btxsetconcat
F btxsetcount
F btxsetcurrentlistentry
F btxsetcurrentlistindex
F btxsetdataset
F btxsetfirst
F btxsetfirstinternal
F btxsetfirstnames
F btxsetfirstpage
F btxsetinitials
F btxsetinternal
F btxsetjuniors
F btxsetlanguage
F btxsetlastinternal
F btxsetlastpage
F btxsetlefttext
F btxsetnoflistentries
F btxsetnumber
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 digitszeropadding
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 fntsetnopsize	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 MetapostSnippetString
F NC
F NR
F ParsedXmlSnippetCdata
F ParsedXmlSnippetComment
F ParsedXmlSnippetDoctype
F ParsedXmlSnippetElement
F ParsedXmlSnippetInstruction
F ParsedXmlSnippetKey
F ParsedXmlSnippetValue
F TexSnippet
F TexSnippetBoundary
F TexSnippetComment
F TexSnippetGroup
F TexSnippetName
F TexSnippetSpecial
F XmlSnippet
F XmlSnippetBoundary
F XmlSnippetCdata
F XmlSnippetComment
F XmlSnippetEntity
F XmlSnippetEqual
F XmlSnippetKey
F XmlSnippetName
F XmlSnippetString
F __flush
F __flushdirect
F __flushlines
F a
F addaskedblankskip
F addpredefinedblankskip
F applyprocessor
F b
F beginhbox
F beginvbox
F bf
F bgroup
F blank
F btxchecklistcombi
F btxchecklistentry
F btxciteauthorsetup
F btxcitesetup
F btxdirectlink
F btxflushauthor

F btxhandlelistentry
F btxhandlelisttextentry
F btxlistauthorsetup
F btxlistsetup
F btxpagesetup
F btxsetafter
F btxsetauthorindex
F btxsetauthorvariant
F btxsetbacklink
F btxsetbacktrace
F btxsetbefore
F btxsetcategory
F btxsetcombis
F btxsetconcat
F btxsetcount
F btxsetcurrentlistentry
F btxsetcurrentlistindex
F btxsetdataset
F btxsetfirst
F btxsetfirstinternal
F btxsetfirstnames
F btxsetfirstpage
F btxsetinitials
F btxsetinternal
F btxsetjuniors
F btxsetlanguage
F btxsetlastinternal
F btxsetlastpage
F btxsetlefttext
F btxsetnoflistentries
F btxsetnumber
F btxsetoverflow
F btxsetrighttext
F btxsetsecond
F btxsetsurnames
F btxsettag
F btxsetthird
F btxsetvons
F btxstartauthor
F btxstartcite
F btxstartciteauthor
F btxstartlistentry
F btxstartsubcite
F btxstopauthor

F btxstopcite	F digitsspace
F btxstopciteauthor	F digitszeropadding
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 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 firstofonargument
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 fntsetnopsize	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	**posthyphenchar**	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 xmlcdataafter		**processfileonce**	function
F xmlcdatabefore		**processjob**	function
F xmlcdataobeyedline		**processlist**	function
F xmlcdataobeyedspace		**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
setbtxspecification	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
setuplinenumbering	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
usecldfile	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
useluamodule	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)

cleanname 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	**includers**	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
existers	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
- T features
  - N blwf
  - N fina
  - N half
  - N init
  - N isol
  - N medi
  - N pref
  - N pstf
  - N rphf
- D initializers
- D methods
- F setstate
- T states
  - N blwf
  - N fina
  - N half
  - N init
  - N isol
  - N mark
  - N medi
  - N pref
  - N pstf
  - N rest
  - N rphf
- B useunicodemarks

checkers   table
- F getmissing
- F missing

cid   table
- F getmap
- F loadfile

collections   table
- F checkenabled
- F clonevector
- F define
- T definitions
- F prepare
- F process
- F registermain

- F report
- F reset
- T vectors

constructors   table
- F addcoreunicodes
- F aftercopyingcharacters
- F applymanipulators
- F assignmathparameters
- B autocleanup
- F beforecopyingcharacters
- D cache
- B cacheintex
- F calculatescale
- F checkedfeatures
- F checkedfilename
- F checkvirtualids
- F cleanuptable
- F collectprocessors
- D designsizes
- D dontembed
- F enhanceparameters
- N factor
- F finalize
- F getfeatureaction
- F hashfeatures
- F hashinstance
- T hashmethods
  - F normal
  - F virtual
- F initializefeatures
- T keys
  - T character
    - S depth
    - S height
    - S italic
    - S width
  - T description
    - T boundingbox
    - S depth
    - S height
    - 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 Tshecyrillic
N Efcyrillic	N Ucyrillic
N Elcyrillic	N Udblacute
N Emcyrillic	N Ushortcyrillic
N Encyrillic	N Vecyrillic
N Ercyrillic	N Yatcyrillic
N Ereversedcyrillic	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 hamzadammaarabic
N hamzadammatanarabic
N hamzafathaarabic
N hamzafathatanarabic
N hamzalowarabic
N hamzalowkasraarabic
N hamzalowkasratanarabic
N hatafpatah
N hatafpatah16
N hatafpatah23
N hatafpatah2f
N hatafpatahhebrew
N hatafpatahnarrowhebrew
N hatafpatahquarterhebrew
N hatafqamats
N hatafqamats1b
N hatafqamats28
N hatafqamats34
N hatafqamatshebrew
N hatafqamatsnarrowhebrew
N hatafqamatsquarterhebrew
N hatafsegol
N hatafsegol17
N hatafsegol24
N hatafsegol30
N hatafsegolhebrew
N hatafsegolnarrowhebrew
N hatafsegolquarterhebrew
N he
N hedagesh
N hehfinalalttwoarabic
N het
N hiriq
N hiriq14
N hiriq21
N hiriq2d
N hiriqhebrew
N hiriqnarrowhebrew
N hiriqquarterhebrew
N holam
N holam19
N holam26
N holam32

N holamhebrew
N holamnarrowhebrew
N holamquarterhebrew
N ilde
N integralbottom
N integraltop
N kaf
N kafdagesh
N kashidaautoarabic
N kashidaautonosidebearingarabic
N kcedilla
N lamed
N lameddagesh
N lamedhebrew
N lamedholam
N lamedholamdagesh
N lamedholamdageshhebrew
N laminitialarabic
N lammeemjeeminitialarabic
N lcedilla
N logicalnotreversed
N mahapakhhebrew
N mem
N memdagesh
N merkhahebrew
N merkhakefulahebrew
N middot
N munahhebrew
N nbspace
N ncedilla
N newsheqelsign
N ninearabic
N noonhehinitialarabic
N nun
N nundagesh
N odblacute
N onearabic
N overscore
N patah
N patah11
N patah1d
N patah2a
N patahhebrew
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 quoteleftreversed

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	
N sixarabic	

expansions   data table
formats   data table
goodies   table

N tav	D colorschemes
N tavdages	D data
N tavdagesh	D designsizes
N tcedilla	D filenames
N tchehinitialarabic	F getcompositions
N tet	T list
N tetdagesh	F compositions
N tevirhebrew	F designsizes
N thousandsseparatorarabic	F expansions
N threearabic	F featureset
N tildecmb	F filenames
N tipehahebrew	F files
N tsadi	F mathematics
N tsadidagesh	F protrusions
N tsere	F solutions
N tsere12	F treatments
N tsere1e	F typefaces
N tsere2b	F load
N tserehebrew	F prepare_features
N tserenarrowhebrew	F register
N tserequarterhebrew	F registerpostprocessor
N twoarabic	F report

handlers   table

N udblacute	T afm
N vav	B addkerns
N vavdagesh	B addligatures
N vavdagesh65	B addtexligatures
N vavholam	B autoprefixed
N yerahbenyomohebrew	D cache
N yod	
N yoddagesh	

```
  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**        table
    F devanagari_reorder_reph           D characters
    F gpos_context                      D csnames
    F gpos_contextchain                 D descriptions
    F gpos_cursive                      D dynamics
    F gpos_mark2base                    D emwidths
    F gpos_mark2ligature                D exheights
    F gpos_mark2mark                    D extensibles
    F gpos_pair                         D features
    F gpos_single                       D identifiers
    F gsub_alternate                    D italics
    F gsub_context                      D lastmathids
    F gsub_contextchain                 D marks
    F gsub_ligature                     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		T ij		
N mess		N mess		
S name		S name		
T unicode		T unicode		
T f_j		F reset		
S name		F tounicode		
T unicode		F tounicode16		
T f_k		F tounicode16sequence		
S name		**mp**	table	
T unicode		D cache		
T f_l		B inline		
N mess		N version		
S name		**names**	data table	
T unicode		**nulldata**	data table	
T ff		**protrusions**	data table	
N mess		**readers**	table	
S name		F afm		
T unicode		F check_lua		
T ffi		F check_tfm		
N mess		F dfont		
S name		F lua		
T unicode		F opentype		
T ffl		F otf		
N mess		F pfb		
S name		D sequence		
T unicode		F tfm		
T fi		F ttc		
N mess		F ttf		
S name		**select**	table	
T unicode		T data		
T fj		F definetypeface		
S name		T fallbacks		
T unicode		F filterinput		
T fk		T methods		
S name		F default		
T unicode		F features		
T fl		F file		
N mess		F goodies		
S name		F name		
T unicode		F selectfont		
T i_j		F simplefonts		
N mess		F spec		
S name		F style		
T unicode		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	
F parpos	
F pdfrotation	**setconstant** function
F pdfstartmatrix	**setelement** function
F pdfstartmirroring	**setformat** function
F pdfstartrotation	**setmessage** function
F pdfstartscaling	**setmessages** function
F pdfstopmatrix	**settranslation** function
F pdfstopmirroring	**setuserinterface** function
F pdfstoprotation	**setvalidkeys** function
F pdfstopscaling	**setvariable** function
F registerusedsynonym	**showmessage** function
F replacepospxywhd	**storedscanners** data table
F setcharactercasing	**syntax** data table
F setmathalphabet	**tolist** function
F setmathattribute	**translations** data table
F setmathstyle	**variables** data table
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 funck
   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		**stripcss**	function
convert	function		**tv**	function
convertfile	function		**type**	function
convertstring	function		**urlescape**	function
einject	function		**variable**	function
eprint	function		**variables**	table
escape	function			S color-background-blue
finalized	function			S color-background-body
finject	function			S color-background-green
fprint	function			S color-background-main
get	function			S color-background-purple
getvariables	function			S color-background-yellow
htmlfile	function			S title-default
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

logs (context)

application	function	**simplelines**	function
categories	function	**start_page_number**	function
direct	function	**status**	function
disable	function	**stop_page_number**	function
enable	function	**subdirect**	function
exporters	table	**subreport**	function
extendbanner	function	**system**	function
flush	function	**texerrormessage**	function
help	function	**writer**	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

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
finalizedocument	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
bytedone	table
B toks-new	
B toks-scn	
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 makempy	
defaultmethod	string		**lastlog**	string
directrun	function		**load**	function
edefsxsy	function		**makempy**	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 convertmpstopdf	
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	**listablefields**	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 getprev
F getprop
F getskip
F getsubtype
F has_attribute
F has_field
F has_glyph
F hpack
F insert_after
F insert_before
F insert_list_after
F is_direct
F is_display_math
F is_node
F is_nut
F kerning
F last_node
F leftmarginwidth
F ligaturing
F link
F linked
F locate
F mlist_to_hlist
F nestedtracedslide
F new
T pool
  F baselineskip
  F cleanup
  F disc
  F fontkern
  F glue
  F gluespec
  F glyph
  F hlist
  F kern
  F latelua
  F lateluafunction
  F leftmarginkern
  F leftskip
  F lineskip
  F negatedglue
  F noad
  F pdfannotation

F pdfdestination
F pdfdirect
F pdfliteral
F pdfrestore
F pdfsave
F pdfsetmatrix
F penalty
F register
F rightmarginkern
F rightskip
F rule
F shrink
F special
F stretch
F temp
F textdir
F usage
T userids
  N margins.inline
  N property
  N splitters.one
  N splitters.two
F userlist
F usernumber
F userstring
F usertokens
F vlist
F zeroglue
F prepend
F protect_glyphs
F protrusion_skippable
F reference
F remove
F repackhlist
F replace
F rightmarginwidth
F set_attribute
F setattr
F setattribute
F setattributes
F setbox
F setfield
F setprop
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 fdelayed	**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		
	T stack	**striprange**	function
remove	function	**tail**	function
repackhlist	function	**takebox**	function
replace	function	**tasks**	table
report	function		F actions
rightmarginwidth	function		F appendaction
rules	table		F disableaction
	D data		F disablegroup
	F define		F enableaction
	F enable		F enablegroup
	F handler		F freeze
save	function		F freezegroup
serialize	function		F new
serializebox	function		F prependaction
set_attribute	function		F removeaction
setattr	function		F replaceaction
setattribute	function		F restart
setattributes	function		F setaction
setbox	function		F showactions
setfield	function		F table
setunsetattributes	function	**textdir_is_equal**	data table
shifts	table	**textdir_is_is**	data table
	D data	**textdir_is_opposite**	data table
	F define	**textdir_is_parallel**	data table
	F enable	**tobasepoints**	function
	F handler	**tocentimeters**	function
show	function	**tociceros**	function
showboxes	function	**todidots**	function
showcodes	function	**todimen**	function
showlist	function	**toinches**	function
showsimplelist	function	**tomillimeters**	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
tociceros	function
todidots	function
todimen	function
toevenhex	function
toinches	function
tomillimeters	function
tonewciceros	function
tonewdidots	function
tonumberf	function
tonumberg	function
topicas	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
extraluapath	function
extraluapaths	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		
S title		
S year		
T optional		
T required		
T sets		
T author		
T virtual		
T demo-b		
S category		
T extra		
T fields		
S author		
S institution		
S organization		
S subtitle		
S title		
S year		
T optional		
T required		
T sets		
T authors		
T virtual		
S comment		
S copyright		
T fields		
S name		
T types		
S author		
S editor		
S keywords		
S number		
S page		
S pages		
S volume		
S version		
T virtual		

datasets	table	
detailed	table	
endnotes_to_btx	function	
enhancer	table	
S arguments		
T askip		
B dirty		

T gskip		
T kind		
T list		
T system		
T order		
enhancers	table	
F details		
F order		
F suffixes		

finder	function	
found	function	
get	function	
getcasted	function	
getdetail	function	
getdirect	function	
getfaster	function	
getfield	function	
getfuzzy	function	
getindex	function	
inspectors	data table	
journals	table	
F abbreviated		
F add		
F expanded		
F load		
F save		
lists	table	
F collectentries		
F fetchentries		
F filterall		
F flushentry		
T methods		
F dataset		
F force		
F global		
F local		
F nofregistered		
F prepareentries		
F register		
F sameasprevious		
T sorters		
F dataset		
F default		
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 authoryear		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	**findtexfile**	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 loaderror	
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 digitsmaximum
   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		**toboolean**	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)

atlocation function
blocks table
    D collected
    F define
    F print
    F save
    F select
    F setstate
    D states
    D tobesaved
bookmarks table
    T extras
      F get
      F mergesections
      F register
      F reset
      F tosections
    F finalize
    F flatten
    F installhandler
    F merge
    S method
    F overload
    F place
    F register
    F setup
counters table
    F add
    F analyze
    F check
    D collected
    F compact
    F converted
    F currentvalue
    D data
    F define
    F first
    F get
    F last
    F next
    F prev

F previous
F raw
F record
F reset
F restart
F restore
F save
F set
F setlevel
F setoffset
F setown
F setstate
F setvalue
T specials
  F userpage
F subs
D tobesaved
F value
currentsectionnumber function
descriptions table
documents table
    D data
    F initialize
    F preset
    F reset
floats table
formulas table
    F current
    F simplify
    F store
helpers table
    F analyze
    F formulanumber
    F merged
    F page
    F prefix
    F prefixlastpage
    F prefixpage
    F simplify
    F title
    F touserdata

inserts table

D data

F define

F getdata

F getlocation

F getname

F getnumber

F setlocation

F setup

D stored

itemgroups table

lists table

F addto

F analyze

B autoreorder

D cached

D collected

F discard

F enhance

T enhancers

F filter

F formulanumber

F getresult

F groupindex

F hasnumberdata

F haspagedata

F hastitledata

F iscached

D kinds

F label

F location

D names

F number

D ordered

F page

F popnesting

F prefix

F prefixednumber

F prefixedpage

F process

D pushed

F pushnesting

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	splitreference	F	userdata
F	synchronizepage	**sections**	**table**
T	testrunners	F	autodepth
F	inner	F	cct
F	special	D	collected
F	special operation	F	current
F	special operation with arguments	F	currentblock
T	testspecials	F	currentid
F	deltapage	F	currentlevel
F	i	F	currentsectionindex
F	internal	F	depthnumber
F	page	F	finddata
F	realpage	F	findnumber
F	section	F	fullnumber
F	userpage	F	getcurrentlevel
D	tobereferred	F	getlevel
D	tobesaved	F	getnumber
T	urls	F	internalreference
T	data	D	levelmap
F	define	D	levels
F	get	F	load
D	usedinternals	F	matchingtilldepth
D	usedviews	F	numberatdepth
F	valid	F	numbers
F	whatfrom	F	popblock
registers	**table**	F	prefixedconverted
F	analyze	F	pushblock
D	collected	F	register
F	compare	D	registered
F	define	F	reportstructure
F	enhance	F	save
F	extend	T	sectionblockdata
F	filter	T	bodypart
F	filtercollected	S	bookmark
F	finalize	F	set
F	flush	F	setblock
F	get	F	setchecker
F	prepare	F	setentry
F	process	F	setlevel
F	setmethod	F	setnumber
F	sort	F	structuredata
F	store	F	title
D	tobesaved	D	tobesaved
F	unique	F	typesetnumber

F	userdata
B	verbose

sets `table`

F	define
F	get
F	getall
D	setlist

specials `table`

D	collected
F	retrieve
F	store
D	tobesaved

synonyms `table`

F	analyzed
D	collected
F	compare
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

F	setdescriptionsymbol
F	setfigure
F	sethighlight
F	setitemgroup
F	setlist
F	setproperty
F	setregister
F	setsorting
F	setsynonym
F	settablecell
F	settabulatecell
F	setuserproperties
D	specifications
F	start
F	stop
D	taglist

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	**prtcatcodes**	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
inicatcodes	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
tpbcatcodes	number
tprint	function
trackers	data table
txtcatcodes	number
type	function
uccode	table
uniform_rand	function
uniformdeviate	function
uprint	function
vrbcatcodes	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
printerror	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 handler

   F set

breakpoints   table

   F define

   F handler

   D mapping

   T methods

   T numbers

   F set

   F setreplacement

cases   table

   T actions

   F handler

   F register

   F set

characteralign   table

   F handler

   F resetcharacteralign

   F setcharacteralign

characters   table

   F handler

   F replacenbsp

   F replacenbspaces

checkers   table

   F handler

   F reset

   F set

cleaners   table

   F handler

   F set

digits   table

   T actions

   F handler

   F set

directions   table

   F getfences

   F getglobal

   F getmethod

   F handler

   T handlers

   F installhandler

   F processmath

   F set

   F setcolor

   F setmath

   F tomode

firstlines   table

   T actions

     F default

     F line

     F word

   F handler

   F set

initials   table

   T actions

     F default

   F handler

   F set

injectors   table

   F check

   T list

   F mark

   F reset

   F set

   F show

italics   table

   F forcevariant

   F handler

   F reset

   F set

kerns   table

   D factors

   F handler

   F keepligature

   B keeptogether

   D mapping

   F set

manipulators   table

   F apply

   F applyspecification

   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 stripperiod		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 chrlen
- 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 unittoxml

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

tables table

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

F prependaction

F prependgroup

F removeaction

F replaceaction

F setkind

F tostring

setters table

F disable

F enable

F initialize

F list

F new

F register

F report

F reset

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

templates table

F load

F replace

F replacer

F resolve

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
cdatatotext	function	**escaped**	function
checkbom	function	**expressions**	table
checkerror	function	F boolean	
checknamespace	function	F child	
checkns	function	F contains	
cleansed	function	F count	
collect	function	F error	
~~collect_elements~~	~~function~~	F find	
collect_tags	function	F idstring	
~~collect_texts~~	~~function~~	F lower	
collected	function	F name	
collecttexts	function	F number	
content	function	F oneof	
convert	function	F print	
copy	function	F quit	
count	function	F tag	
cprint	function	F text	
css	table	F undefined	
F colorspecification		F upper	
F dimension		**fillin**	function
F fontspecification		**filter**	function
F padding		**finalizers**	table
defaulthandlers	table	F paragraphs	
D file		T tex	
D parsedxml		F all	
D string		F attribute	

match	function	**specialhandler**	table
name	function	**sprint**	function
newhandlers	function	**string**	function
nodesettostring	function	**strip**	function
originalload	function	~~**strip_whitespace**~~	~~function~~
package	function	**stripelement**	function
parent	function	**stripleadingspaces**	function
parsedentitylpeg	userdata	**table**	function
pihandlers	table	**text**	function
placeholders	table	**textonly**	function

F unknown_any_entity

F unknown_dec_entity

F unknown_hex_entity

position	function	**texttocdata**	function
privatecodes	table	**tocdata**	function
privatetoken	function	**toelement**	function
process	function	**tostring**	function
~~**process_attributes**~~	~~function~~	**totable**	function
~~**process_elements**~~	~~function~~	**toxml**	function
processattributes	function	**tprint**	function
profiled	table	**traverse**	function
raw	function	**unescaped**	function
registerentity	function	**unprivatized**	function
registerns	function	**withelement**	function
~~**remap_name**~~	~~function~~	**withelements**	function
~~**remap_namespace**~~	~~function~~	**wrap**	function
~~**remap_tag**~~	~~function~~	**xmlns**	table
remapname	function		
remapnamespace	function		
remaptag	function		
renamespace	function		
replace	function		
replace_element	function		
resolvens	function		
root	function		
save	function		
selection	function		
separate	function		
serialize	function		
setcdata	function		
setcomment	function		
sethandlersfunction	function		
setproperty	function		
settings	function		

zip (extra lua)

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

zlib (extra lua)

adler32	function
compress	function
compressobj	function
crc32	function
decompress	function
decompressobj	function
version	function