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 mplib noads node nodes
number os package pagebuilders
parametersets pdf pdfscanner physics
profiler publications regimes resolvers
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)

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

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

visualizers	table
xml	table
xmlconvert	function
xpcall	function
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 definemixcolor
- 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	F	resolve_begin
D	data	F	resolve_end
F	enable	F	resolve_step
F	handler	D	scopes
F	register	F	setfeatures
D	registered	F	start
numbers	data table	F	stop
ofnode	function	B	supported
private	function	D	values
showcurrent	function		
states	table		

F disabletriggering

F enabletriggering

F finalize

F initialize

F process

F selective

F stacked

F stacker

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

D registered

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 getdefaultfieldvalue
     F getfieldcategory
     F getfieldset
     F getformatoption
     F gethpos
     F getmatrix
     F getoutputfilename
     F getpos
     F getpreviewfigure
     F getvpos
     F hasmatrix

     F insertrenderingwindow
     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 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	
prepend	function
raw	function

builders (context)

kernel   table
- F hyphenation
- F kerning
- F ligaturing
- F mlist_to_hlist

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	**otfscripts**	data table
adobename	function	**ranges**	data table
bidi	data table	**registerentities**	function
blockrange	function	**remap_hangul_syllabe**	function
blocks	data table	**safechar**	function
casemap	table	**setcodes**	function
categories	data table	**shape**	function
category	function	**shaped**	function
categorytags	data table	**shchars**	data table
combined	data table	**shcodes**	data table
contextname	function	**showstring**	function
data	data table	**specialchars**	data table
decomposed	data table	**specials**	data table
define	function	**subscripts**	table
description	function	**superscripts**	table
descriptions	data table	**synonyms**	data table
directions	table	**tex**	table
enccodes	data table	D accentmapping	
entities	data table	F defineaccents	
fallbacks	data table	F toutf	
filters	data table	**textclasses**	table
fromnumber	function	**tonumber**	function
fschars	data table	**ucchars**	data table
fscodes	data table	**uccode**	function
getrange	function	**uccodes**	data table
graphemes	data table	**unicodechar**	function
hangul	data table	**upper**	function
initialize	function		
is_character	data table		
is_command	data table		
is_letter	data table		
is_mark	data table		
is_spacing	data table		
lcchars	data table		
lccode	function		
lccodes	data table		
lettered	function		
lower	function		
math	table		
mathpairs	data table		
mirrors	table		

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	**assignbuffer**	function
Character	function	**attachproperty**	function
Characters	function	**autofinishstructurelevels**	function
MPc	function	**autonextspace**	function
MPd	function	**autonextstructurelevel**	function
MPh	function	**autosetups**	function
MPll	function	**autostarttext**	function
MPlr	function	**autostoptext**	function
MPls	function	**averagecharwidth**	function
MPn	function	**bcolumn**	function
MPp	function	**boolcase**	function
MPpardata	function	**boxtostring**	function
MPplus	function	**btxauthor**	function
MPpos	function	**btxcitevariant**	function
MPposset	function	**btxcollectlistentries**	function
MPr	function	**btxdestination**	function
MPrest	function	**btxdetail**	function
MPrs	function	**btxdoif**	function
MPul	function	**btxdoifelse**	function
MPur	function	**btxdoifelselistentryplaced**	function
MPw	function	**btxdoifnot**	function
MPx	function	**btxfetchlistentries**	function
MPxy	function	**btxfield**	function
MPxywhd	function	**btxflush**	function
MPy	function	**btxflushlistentries**	function
Romannumerals	function	**btxhandlecite**	function
abjadnodotnumerals	function	**btxhandlenocite**	function
abjadnumerals	function	**btxlistvariant**	function
addbtxentry	function	**btxreference**	function
addcounter	function	**btxregisterlistentry**	function
addlinklistelement	function	**btxresolvelistreference**	function
addreplacements	function	**btxsetlistmethod**	function
addtojavascriptpreamble	function	**btxsingularorplural**	function
addtolist	function	**buildtextaccent**	function
allinputpaths	function	**character**	function
alphabetic	function	**characters**	function
analysefloatmethod	function	**chardescription**	function
analyzelist	function	**checkcharactersinfont**	function
applytochars	function	**checkcountersetup**	function
applytofirstcharacter	function	**checkedconversion**	function
applytowords	function	**checkedpagefloat**	function

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

doifcounter	function	**doifposition**	function
doifdimenstringelse	function	**doifpositionelse**	function
doifdrawingblackelse	function	**doifpositiononpage**	function
doifelse	function	**doifpositionsonsamepageelse**	function
doifelsebuffer	function	**doifpositionsonthispageelse**	function
doifelsecontinuewithfile	function	**doifurldefinedelse**	function
doifelsecounter	function	**doprocesstypescriptfile**	function
doifelsecurrentfonthasfeature	function	**doreshapeframedbox**	function
doifelseintwopassdata	function	**dostarttextfile**	function
doifelsemarking	function	**dostoptextfile**	function
doifelsemessage	function	**ecolumn**	function
doifelsemultipar	function	**elapsedtime**	function
doifelseparallel	function	**enableautofontscript**	function
doifelsepositionsused	function	**enablecolor**	function
doifelserangeonpage	function	**enablecolorintents**	function
doifelsereference	function	**enablefontcolorschemes**	function
doifelsesavedfloat	function	**enableparbuilder**	function
doifelsespaces	function	**enableregime**	function
doifelseutfmathabove	function	**enablespellchecking**	function
doifelseutfmathaccent	function	**enabletransparency**	function
doifelseutfmathbelow	function	**enhancelinkedlist**	function
doifelsevisualizer	function	**enhancelist**	function
doiffieldcategoryelse	function	**enhancereference**	function
doiffieldelse	function	**enhanceregister**	function
doiffieldsetelse	function	**erasebuffer**	function
doiffiledefinedelse	function	**expandcurrentreference**	function
doiffileexistelse	function	**exportformdata**	function
doiffirstcharelse	function	**exportreferences**	function
doifinputfileelse	function	**extendregister**	function
doifinsetelse	function	**extensiblecode**	function
doifleapyearelse	function	**feature**	function
doiflisthasentry	function	**featureattribute**	function
doiflisthasnumberelse	function	**featurelist**	function
doiflisthaspageelse	function	**feedback**	function
doiflisthastitleelse	function	**fetchallmarks**	function
doiflocfileelse	function	**fetchmultipar**	function
doifnot	function	**fetchmultishape**	function
doifnotcounter	function	**fetchonemark**	function
doifnotecontent	function	**fetchposboxes**	function
doifnoteonsamepageasprevious	function	**fetchtwomarks**	function
doifobjectreferencefoundelse	function	**figurefilename**	function
doiffolderversionelse	function	**figurefilepath**	function
doifoverlappingelse	function	**figurefiletype**	function
doifparentfileelse	function	**figurerequest**	function

figurestatus	function	**getfloatvariable**	function
figureused	function	**getfullsectionnumber**	function
figurevariable	function	**getinternallistreference**	function
filterdefaultreference	function	**getinternalreference**	function
filterreference	function	**getlasttwopassdata**	function
finalizebox	function	**getmarking**	function
findtwopassdata	function	**getmessage**	function
firstcountervalue	function	**getmpextensions**	function
firstinset	function	**getnotestate**	function
flushfloat	function	**getplaceholderchar**	function
flushnotes	function	**getprivateattribute**	function
flushpostponedblocks	function	**getprivatechar**	function
flushpostponednotes	function	**getprogram**	function
fontchar	function	**getrandomcounta**	function
fontcollectionclone	function	**getrandomcountb**	function
fontcollectiondefine	function	**getrandomseed**	function
fontcollectionprepare	function	**getreadfilename**	function
fontcollectionregister	function	**getsectionnumber**	function
fontcollectionreport	function	**getstructuredata**	function
fontcollectionreset	function	**getsubstring**	function
fontlookupgetkey	function	**gettexbuffer**	function
fontlookupgetkeyofindex	function	**gettwopassdata**	function
fontlookupinitialize	function	**gettwopassdatalist**	function
fontlookupnoffound	function	**geturl**	function
forceendjob	function	**grabbuffer**	function
forcequitjob	function	**hboxtovbox**	function
format	function	**helpaction**	function
formatcolor	function	**helpreference**	function
formatgray	function	**hexstringtonumber**	function
freezerandomseed	function	**horizontalcode**	function
from	function	**hour**	function
getbidimode	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
getfieldcategory	function	**initializetextrackers**	function
getfirstcharacter	function	**injectcurrentreference**	function
getfirsttwopassdata	function	**injectreference**	function

inlinechemical	function	**minute**	function
insertattachment	function	**mixcleanup**	function
insertcomment	function	**mixfinalize**	function
insertfield	function	**mixflushlist**	function
insertionnumber	function	**mixflushrest**	function
insertrenderingwindow	function	**mixgetsplit**	function
insertsoundclip	function	**mixsetsplit**	function
installedlanguages	function	**mixstate**	function
installtexdirective	function	**molecule**	function
installtextracker	function	**month**	function
languagenumber	function	**monthmnem**	function
lastcountervalue	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	**nofitems**	function
listrealpage	function	**nofstackedfloats**	function
listsize	function	**notedeltapage**	function
listtitle	function	**notelistindex**	function
listuserdata	function	**notenumberpage**	function
loadbtxdefinitionfile	function	**noteprefixednumber**	function
loadexamodes	function	**notesymbolpage**	function
loadfontgoodies	function	**notetitle**	function
loadspellchecklist	function	**ntimes**	function
loadtypescriptfile	function	**number**	function
loadvisualizer	function	F LuaSnippet	
locatefilepath	function	F LuaSnippetBoundary	
locfilename	function	F LuaSnippetComment	
lower	function	F LuaSnippetName	
makeactive	function	F LuaSnippetNameBase	
manipulated	function	F LuaSnippetNameCore	
markfonts	function	F LuaSnippetNameLibraries	
markingnumber	function	F LuaSnippetQuote	
markingtitle	function	F LuaSnippetSpecial	
markregionbox	function	F LuaSnippetString	
math_frac	function	F MPcolor	
mathrenderset	function	F MetapostSnippet	
maxitemwidth	function	F MetapostSnippetBoundary	

F MetapostSnippetComment	F bold
F MetapostSnippetConstructor	F btxchecklistentry
F MetapostSnippetName	F btxcitevariantparameter
F MetapostSnippetNameMetafun	F btxdirectlink
F MetapostSnippetNamePlain	F btxdomarkcitation
F MetapostSnippetNamePrimitive	F btxhandlelistentry
F MetapostSnippetQuote	F btxlistparameter
F MetapostSnippetSpecial	F btxlistvariantparameter
F MetapostSnippetString	F callfunctiononce
F NC	F char
F NR	F chardef
F ParsedXmlSnippetCdata	F color
F ParsedXmlSnippetComment	F colordefagc
F ParsedXmlSnippetDoctype	F colordefagt
F ParsedXmlSnippetElement	F colordefalc
F ParsedXmlSnippetInstruction	F colordefalt
F ParsedXmlSnippetKey	F colordeffgc
F ParsedXmlSnippetValue	F colordeffgt
F TexSnippet	F colordefflc
F TexSnippetBoundary	F colordefflt
F TexSnippetComment	F colordefrgc
F TexSnippetGroup	F colordefrgt
F TexSnippetName	F colordefrlc
F TexSnippetSpecial	F colordefrlt
F XmlSnippet	F concat
F XmlSnippetBoundary	F constructcs
F XmlSnippetCdata	F constructcsonly
F XmlSnippetComment	F convertnumber
F XmlSnippetEntity	F ctxreport
F XmlSnippetEqual	F darkblue
F XmlSnippetKey	F darkgreen
F XmlSnippetName	F darkred
F XmlSnippetString	F definefontsynonym
F __flush	T delayed
F __flushdirect	F digitsdigit
F __flushlines	F digitsfinalcomma
F addaskedblankskip	F digitsfinalperiod
F addpredefinedblankskip	F digitshighspace
F applyprocessor	F digitsintermediatecomma
F beginhbox	F digitsintermediateperiod
F beginvbox	F digitsminus
F bf	F digitsnegative
F bgroup	F digitsplus
F blank	F digitspositive

F digitspower	F flexibleblankskip
F digitspowerminus	F flushblankhandling
F digitspowerplus	F flushboxregister
F digitsseparatorspace	F flushnode
F digitssignspace	F fntsetdefname
F digitsspace	F fntsetnopsize
F digitszeropadding	F fntsetsomename
F direct	F fntsetsomesize
F directsetup	T formatted
F dodirectfullreference	F fprint
F dodisplayverbatimbeginline	T generics
F dodisplayverbatimemptyline	S starttabulate
F dodisplayverbatiminitialize	S stoptabulate
F dodisplayverbatimnewline	F getlogger
F dodisplayverbatimstart	F getreferencestructureprefix
F dodisplayverbatimstop	F getvalue
F dofastdefinetypeface	F glyph
F dofinishsomereference	F gobbleoneargument
F dofromfiledescription	F goto
F dofromfileliteral	F hrule
F dofromurldescription	F input
F dofromurlliteral	T knownfunctions
F doinlineverbatimbeginline	F lateluafunction
F doinlineverbatimemptyline	F letvaluerelax
F doinlineverbatimnewline	F loadfile
F doinlineverbatimstart	F loadfoundtypescriptfile
F doinlineverbatimstop	F luasetup
F donestedtypingstart	F m
F donestedtypingstop	F makelinenumber
F dostarttext	T metafun
F doverbatimspace	F color
F egroup	T delayed
F emptyreference	F start
F enablemode	F stop
F endhbox	T nested
F endvbox	F markingcommand
F environment	F markingseparator
F expandreferencearguments	F newbox
F expandreferenceoperation	F newcount
F finalizeautostructurelevel	F newdimen
F finishjob	F newindexer
F firstofoneargument	F newmuskip
F firstoftwoarguments	F newskip
F fixedblankskip	F newtexthandler

F newtoks	F startLuaSnippet
F newverbosehandler	F startMetapostSnippet
F nointerlineskip	F startParsedXmlSnippet
F normalatop	F startTexSnippet
F normalover	F startXmlSnippet
F overstrike	F startblankhandling
F par	F startcolumns
F pdfliteral	F startcomponentindeed
F popcatcodes	F startenvironmentindeed
F poplogger	F startfontclass
F printlines	F starthboxregister
F processfilemany	F startproductindeed
F processfilenone	F startprojectindeed
F processfileonce	F startreadingfile
F protect	F startregisterentries
T puretext	F startregisterentry
F pushcatcodes	F startregisteroutput
F pushlogger	F startregisterpages
F registerentry	F startregistersection
F registerfunction	F startregisterseewords
F registeronepage	F starttabulate
F registerpagerange	F starttext
F registerseeword	F starttitle
F reservefunction	F startvboxregister
F rlap	F startxtitle
F runfile	F stopLuaSnippet
F secondoftwoarguments	F stopMetapostSnippet
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 LuaSnippetNameBase
F LuaSnippetNameCore
F LuaSnippetNameLibraries
F LuaSnippetQuote
F LuaSnippetSpecial
F LuaSnippetString
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 addaskedblankskip
F addpredefinedblankskip
F applyprocessor
F beginhbox
F beginvbox
F bf
F bgroup
F blank
F bold
F btxchecklistentry
F btxcitevariantparameter
F btxdirectlink
F btxdomarkcitation
F btxhandlelistentry
F btxlistparameter
F btxlistvariantparameter
F callfunctiononce
F char
F chardef
F color
F colordefagc
F colordefagt
F colordefalc
F colordefalt
F colordeffgc
F colordeffgt
F colordefflc
F colordefflt
F colordefrgc
F colordefrgt
F colordefrlc
F colordefrlt
F concat
F constructcs
F constructcsonly
F convertnumber
F ctxreport
F darkblue
F darkgreen
F darkred
F definefontsynonym
T delayed
F digitsdigit

```
F digitsfinalcomma                    F endvbox
F digitsfinalperiod                   F environment
F digitshighspace                     F expandreferencearguments
F digitsintermediatecomma             F expandreferenceoperation
F digitsintermediateperiod            F finalizeautostructurelevel
F digitsminus                         F finishjob
F digitsnegative                      F firstofoneargument
F digitsplus                          F firstoftwoarguments
F digitspositive                      F fixedblankskip
F digitspower                         F flexibleblankskip
F digitspowerminus                    F flushblankhandling
F digitspowerplus                     F flushboxregister
F digitsseparatorspace                F flushnode
F digitssignspace                     F fntsetdefname
F digitsspace                         F fntsetnopsize
F digitszeropadding                   F fntsetsomename
F direct                              F fntsetsomesize
F directsetup                         T formatted
F dodirectfullreference               F fprint
F dodisplayverbatimbeginline          T generics
F dodisplayverbatimemptyline            S starttabulate
F dodisplayverbatiminitialize           S stoptabulate
F dodisplayverbatimnewline            F getlogger
F dodisplayverbatimstart              F getreferencestructureprefix
F dodisplayverbatimstop               F getvalue
F dofastdefinetypeface                F glyph
F dofinishsomereference               F gobbleoneargument
F dofromfiledescription               F goto
F dofromfileliteral                   F hrule
F dofromurldescription                F input
F dofromurlliteral                    T knownfunctions
F doinlineverbatimbeginline           F lateluafunction
F doinlineverbatimemptyline           F letvaluerelax
F doinlineverbatimnewline             F loadfile
F doinlineverbatimstart               F loadfoundtypescriptfile
F doinlineverbatimstop                F luasetup
F donestedtypingstart                 F m
F donestedtypingstop                  F makelinenumber
F dostarttext                         T metafun
F doverbatimspace                       F color
F egroup                                T delayed
F emptyreference                        F start
F enablemode                            F stop
F endhbox                             T nested
```

F markingcommand

F markingseparator

F newbox

F newcount

F newdimen

F newindexer

F newmuskip

F newskip

F newtexthandler

F newtoks

F newverbosehandler

F nointerlineskip

F normalatop

F normalover

F overstrike

F par

F pdfliteral

F popcatcodes

F poplogger

F printlines

F processfilemany

F processfilenone

F processfileonce

F protect

T puretext

F pushcatcodes

F pushlogger

F registerentry

F registerfunction

F registeronepage

F registerpagerange

F registerseeword

F reservefunction

F rlap

F runfile

F secondoftwoarguments

F setblankcategory

F setblankorder

F setblankpenalty

F setconditional

F setfalsevalue

F sethboxregister

F setsomevalue

F settabulateentry

F settabulatelastentry

F settracing

F setupsystem

F setupwithargument

F setvalue

F setvboxregister

F setxvalue

F space

F sprint

F startLuaSnippet

F startMetapostSnippet

F startParsedXmlSnippet

F startTexSnippet

F startXmlSnippet

F startblankhandling

F startcolumns

F startcomponentindeed

F startenvironmentindeed

F startfontclass

F starthboxregister

F startproductindeed

F startprojectindeed

F startreadingfile

F startregisterentries

F startregisterentry

F startregisteroutput

F startregisterpages

F startregistersection

F startregisterseewords

F starttabulate

F starttext

F starttitle

F startvboxregister

F startxtitle

F stopLuaSnippet

F stopMetapostSnippet

F stopParsedXmlSnippet

F stopTexSnippet

F stopXmlSnippet

F stopblankhandling

F stopcolumns

F stopcomponentindeed

F stopenvironmentindeed

F stopfontclass

F stophboxregister	F utfchar
F stopproductindeed	T verbatim
F stopprojectindeed	F LuaSnippetBoundary
F stopreadingfile	F LuaSnippetComment
F stopregisterentries	F LuaSnippetName
F stopregisterentry	F LuaSnippetNameBase
F stopregisteroutput	F LuaSnippetNameCore
F stopregisterpages	F LuaSnippetNameLibraries
F stopregistersection	F LuaSnippetQuote
F stopregisterseewords	F LuaSnippetSpecial
F stoptabulate	F LuaSnippetString
F stoptext	F MetapostSnippetBoundary
F stoptitle	F MetapostSnippetComment
F stopvboxregister	F MetapostSnippetConstructor
F stopxtitle	F MetapostSnippetName
F storenode	F MetapostSnippetNameMetafun
F synonymentry	F MetapostSnippetNamePlain
F tabulaterow	F MetapostSnippetNamePrimitive
F tabulaterowbold	F MetapostSnippetQuote
F tabulaterowtyp	F MetapostSnippetSpecial
F tabulaterowtype	F MetapostSnippetString
F template	F ParsedXmlSnippetCdata
T templates	F ParsedXmlSnippetComment
F texsetup	F ParsedXmlSnippetDoctype
F tobuffer	F ParsedXmlSnippetElement
F tocontext	F ParsedXmlSnippetInstruction
F tolines	F TexSnippetBoundary
F unitsC	F TexSnippetComment
F unitsN	F TexSnippetGroup
F unitsNspace	F TexSnippetName
F unitsNstart	F TexSnippetSpecial
F unitsNstop	F XmlSnippetBoundary
F unitsO	F XmlSnippetCdata
F unitsP	F XmlSnippetComment
F unitsPS	F XmlSnippetEntity
F unitsPU	F XmlSnippetEqual
F unitsPUS	F XmlSnippetKey
F unitsQ	F XmlSnippetName
F unitsS	F XmlSnippetString
F unitsU	F ctxreport
F unitsUS	F viafile
F unprotect	F vrule
F unregisterfunction	F xmlcdataafter
F usemodule	F xmlcdatabefore

F xmlcdataobeyedline		**prevcountervalue**	function
F xmlcdataobeyedspace		**processbuffer**	function
F xmlprocessbuffer		**processcolorcomponents**	function
F xmlsetup		**processedfile**	function
objectnumber	function	**processedfiles**	function
objectpage	function	**processfile**	function
octnumber	function	**processfilemany**	function
octstringtonumber	function	**processfilenone**	function
ordinal	function	**processfileonce**	function
overloadbookmark	function	**processlist**	function
page_injections_flush_after	function	**processregister**	function
page_injections_flush_before	function	**processsplit**	function
page_injections_save	function	**processsynonyms**	function
pagestaterealpage	function	**purefontname**	function
parpos	function	**pushfloat**	function
pdfrotation	function	**pushitaliccorrection**	function
pdfstartmatrix	function	**pushlist**	function
pdfstartmirroring	function	**pushreferenceprefix**	function
pdfstartrotation	function	**pushregime**	function
pdfstartscaling	function	**pushsectionblock**	function
pdfstopmatrix	function	**rawcharacter**	function
pdfstopmirroring	function	**rawcountervalue**	function
pdfstoprotation	function	**rawdate**	function
pdfstopscaling	function	**referencepagestate**	function
percentageof	function	**referencerealpage**	function
pgfxcolorspec	function	**registerattachment**	function
placeparallel	function	**registerbookmark**	function
popfloat	function	**registerbuttons**	function
popitaliccorrection	function	**registercatcodetable**	function
poplist	function	**registercolor**	function
popreferenceprefix	function	**registercolorintent**	function
popregime	function	**registeredviewerlayer**	function
popsectionblock	function	**registerhelp**	function
pos	function	**registeritemgroup**	function
posplus	function	**registerlanguagefeatures**	function
posstrut	function	**registerlinenumbering**	function
postponenotes	function	**registermaintextcolor**	function
poswhd	function	**registernamespace**	function
posxy	function	**registerpostponedblock**	function
prefixedconverted	function	**registerrendering**	function
prepareMPvariable	function	**registersection**	function
preparedfile	function	**registersoundclip**	function
presetsymbollist	function	**registerstructureprocessor**	function
presettabulate	function	**registersynonym**	function

registertransparency	function	**savestructureblock**	function
registerunit	function	**savetaggedtwopassdata**	function
registerusedsynonym	function	**savetwopassdata**	function
registeruserdata	function	**savevariable**	function
relatemarking	function	**second**	function
remapentity	function	**selectstructureblock**	function
removemissingcharacters	function	**setbreakpoints**	function
renderingvar	function	**setbtxdataset**	function
replacemissingcharacters	function	**setbtxentry**	function
replacepospxywhd	function	**setcharacteralign**	function
reportstructure	function	**setcharactercasing**	function
resavefloat	function	**setcharactercleaning**	function
resetcharacteralign	function	**setcharactercodes**	function
resetcounter	function	**setcharacterkerning**	function
resetfontfeature	function	**setcharacterspacing**	function
resetfontsolution	function	**setcharacterstripping**	function
resetmarking	function	**setclosedocumentaction**	function
resetmathattributes	function	**setclosepageaction**	function
resetmathitalics	function	**setcolormodel**	function
resetnullfont	function	**setcounter**	function
resetparallel	function	**setdataset**	function
resetprevdepth	function	**setdigitsmanipulation**	function
resetreference	function	**setdirection**	function
resetstructureprocessor	function	**setdocumentenvironments**	function
resettimer	function	**setdocumentfilenames**	function
restartcounter	function	**setdocumentmodes**	function
restorecounter	function	**setdocumentmodules**	function
restorecurrentattributes	function	**setfigurelookuporder**	function
restorenote	function	**setfirstline**	function
romannumerals	function	**setfontfeature**	function
runbuffer	function	**setfontofid**	function
safechar	function	**setfontsolution**	function
savebuffer	function	**setformat**	function
savecounter	function	**setformsmethod**	function
savecurrentattributes	function	**setinitial**	function
savedlistnumber	function	**setinsertionlocation**	function
savedlistprefixednumber	function	**setinterfaceconstant**	function
savedlisttitle	function	**setinterfaceelement**	function
savefloat	function	**setinterfacemessage**	function
savemargindata	function	**setinterfacemessages**	function
savenote	function	**setinterfacevariable**	function
saveobject	function	**setinternalreference**	function
savepagedata	function	**setjobcomment**	function
saveparallel	function	**setlanguageexceptions**	function

setlanguagesynonym	function	**settagtabulatecell**	function
setlayer	function	**setupbookmarks**	function
setmarking	function	**setupcanvas**	function
setmathalphabet	function	**setupcharacterspacing**	function
setmathalternate	function	**setupexport**	function
setmathattribute	function	**setupfontexpansion**	function
setmathdirection	function	**setupfontprotrusion**	function
setmathitalics	function	**setupidentity**	function
setmathstyle	function	**setupinsertion**	function
setnextinternalreference	function	**setupitaliccorrection**	function
setnextreferenceorder	function	**setuplinenumbering**	function
setnotestate	function	**setvisual**	function
setnotesymbolpage	function	**setxmpfile**	function
setobject	function	**showassignerror**	function
setopendocumentaction	function	**showattributes**	function
setopenpageaction	function	**showbtxdatasetcompleteness**	function
setowncounter	function	**showbtxdatasetfields**	function
setpagestate	function	**showcallbacks**	function
setpagestaterealpageno	function	**showchardata**	function
setpagetransition	function	**showcounter**	function
setparbuilder	function	**showfontparameters**	function
setpos	function	**showhyphenatedinlist**	function
setrandomseed	function	**showjustification**	function
setrealign	function	**showmessage**	function
setreferencearguments	function	**sin**	function
setreferenceattribute	function	**sind**	function
setreferenceoperation	function	**splitfilename**	function
setregistermethod	function	**spotcolorname**	function
setreplacements	function	**spotcolorparent**	function
setsectionblock	function	**spotcolorvalue**	function
setsectionentry	function	**startchemical**	function
setsectionlevel	function	**startcolorset**	function
setsectionnumber	function	**startcomponent**	function
setstructureblockstate	function	**startenvironment**	function
settagcombination	function	**startfontsolution**	function
settagdescription	function	**startparbuilder**	function
settagdescriptionsymbol	function	**startproduct**	function
settagfigure	function	**startproject**	function
settaghighlight	function	**startregime**	function
settagitemgroup	function	**startsectionlevel**	function
settagproperty	function	**starttag**	function
settagsorting	function	**starttext**	function
settagsynonym	function	**startviewerlayer**	function
settagtablecell	function	**stopchemical**	function

stopcolorset	function	**truefilename**	function
stopcomponent	function	**typebuffer**	function
stopenvironment	function	**typefile**	function
stopfontsolution	function	**typestring**	function
stopparbuilder	function	**uchexnumber**	function
stopproduct	function	**uchexnumbers**	function
stopproject	function	**undefinechemical**	function
stopregime	function	**unicodechar**	function
stopsectionlevel	function	**unit**	function
stoptag	function	**unloadlanguage**	function
stoptext	function	**upper**	function
stopviewerlayer	function	**useMPlibrary**	function
storejavascriptcode	function	**useanyfile**	function
storejavascriptpreamble	function	**usebtxdataset**	function
storenote	function	**usecldfile**	function
storeregister	function	**usecolors**	function
strdp	function	**usecomponent**	function
strhd	function	**useenvironment**	function
strht	function	**usefile**	function
strip	function	**usejavascriptpreamble**	function
structureautocatcodedget	function	**usejavascriptscripts**	function
structurecatcodedget	function	**uselibrary**	function
structuregivencatcodedget	function	**useluafile**	function
structurenumber	function	**useluamodule**	function
structuretitle	function	**usemodules**	function
structureuservariable	function	**usepath**	function
structurevariable	function	**useproduct**	function
strwd	function	**useproject**	function
subcountervalues	function	**usesubpath**	function
synchronizecolormodel	function	**usesymbols**	function
synchronizemarking	function	**usetexfile**	function
synonymmeaning	function	**useurl**	function
synonymname	function	**usexmlfile**	function
taggedmathfunction	function	**usezipfile**	function
tan	function	**utfchar**	function
tand	function	**utfmathclass**	function
testcase	function	**utfmathcommand**	function
textime	function	**utfmathcommandabove**	function
thefirstcharacter	function	**utfmathcommandbelow**	function
theremainingcharacters	function	**utfmathfiller**	function
thetexdefinition	function	**utfmathstretch**	function
transparencycomponents	function	**vboxlisttohbox**	function
triggereffect	function	**verbose**	function
triggernegative	function	**visual**	function

vspacing	function
vspacingcollapse	function
vspacingdefine	function
vspacingsetamount	function
vspacingsnap	function
way	function
weekday	function
weekdayname	function
writestatus	function
x_table_c	function
x_table_cleanup	function
x_table_construct	function
x_table_create	function
x_table_flush	function
x_table_init_construct	function
x_table_init_reflow_height	function
x_table_init_reflow_width	function
x_table_next_row	function
x_table_r	function
x_table_reflow_height	function
x_table_reflow_width	function
x_table_set_construct	function
x_table_set_reflow_height	function
x_table_set_reflow_width	function
year	function

containers (context)

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

converters (context)

Alphabetic	function
Character	function
Characters	function
Romannumerals	function
abjadnodotnumerals	function
abjadnumerals	function
alphabetic	function
character	function
characters	function
chineseallnumerals	function
chinesecapnumerals	function
chinesenumerals	function
chr	function
chrs	function
convert	function
define	function
hexstringtonumber	function
hour	function
isleapyear	function
leapyear	function
maxchrs	function
minute	function
month	function
nofdays	function
number	function
numbers	function
octstringtonumber	function
ordinal	function
rawcharacter	function
romannumerals	function
second	function
sequences	data table
textime	function
toabjad	function
tochinese	function
toroman	function
verbose	table
D data	
F translate	
weekday	function
year	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
Dict	function
Object	function
PDFRectangle	function
open	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		**registersuffix**	function
bases	data table		**resources**	data table
bitmapimage	function		**scale**	function
boxnumber	number		**setlookups**	function
cachepaths	data table		**setorder**	function
check	function		**setpaths**	function
checkers	data table		**suffixes**	data table
converters	data table		**used**	data table
current	function			
defaultdepth	number			
defaultheight	number			
defaultsearch	boolean			
defaultwidth	number			
done	function			
dummy	function			
existers	data table			
exists	function			
formats	data table			
found	data table			
get	function			
guess	function			
hash	function			
identifiers	data table			
identify	function			
include	function			
includers	data table			
initialize	function			
loaded	data table			
localpaths	data table			
magics	data table			
mergegoodies	function			
nofprocessed	number			
order	data table			
paths	data table			
patterns	data table			
pop	function			
preferquality	boolean			
programs	data table			
push	function			
registerpattern	function			
registerresource	function			

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	function
open	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 aftercopyingcharacters
- F applymanipulators
- F assignmathparameters
- B autocleanup
- F beforecopyingcharacters
- D cache
- 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
    - S ascender

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
T cidinfo		F checkedscript
S embedding		F current

S defaultlookup	F mathematics	
F define	F protrusions	
F getspecification	F solutions	
F internal	F treatments	
F loadfont	F typefaces	
F makespecification	F load	
T methods	F prepare_features	
F install	F register	
D variants	F registerpostprocessor	
F read	F report	
F register	**handlers** table	
F registered	T afm	
F registersplit	B addkerns	
F resetnullfont	B addligatures	
F resolve	B addtexligatures	
T resolvers	B autoprefixed	
F file	D cache	
F name	D features	
F spec	T helpdata	
definetypeface function	D bothkerned	
encodings table	D leftkerned	
T agl	D ligatures	
D cache	D rightkerned	
F is_known	D texligatures	
D known	F load	
F load	F setfeatures	
F make_unicode_vector	B syncspace	
D math	N version	
N version	T otf	
expansions data table	F addfeature	
formats data table	D cache	
goodies table	T chainhandlers	
D colorschemes	F normal	
D data	F verbose	
D designsizes	F collectlookups	
D filenames	F dataset	
F getcompositions	S defaultbasealternate	
T list	S defaultnodealternate	
F compositions	D enhancers	
F designsizes	D features	
F expansions	F fileformat	
F featureset	F getalternate	
F filenames	T glists	
F files	T handlers	

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 parameters	
F gsub_multiple		T processes	
F gsub_reversecontextchain		D properties	
F gsub_single		D quads	
F load		D resources	
F scriptandlanguage		T setdynamics	
F setcontextchain		D spaces	
F setdynamics		D spacings	
F setfeatures		D unicodes	
T statistics		D xheights	
D usedfeatures		**helpers**	table
T tables		F addprivate	
D baselines		F dimenfactor	
D features		F expandglyph	
D languages		F fontpatternhassize	
D scripts		F getdigitwidth	
N version		F getparameters	
T pfb		F getprivatenode	
T tfm		F hasprivate	
D features		F name	
F setfeatures		F nametoslot	
T vf		F setdigitwidth	
T combinations		F splitfontpattern	
F combine		**iterators**	table
T combiner		F characters	
D commands		F descriptions	
F find		F glyphs	
D helpers		**loggers**	table

F	add_placeholders		**nulldata**	data table
T	category_to_placeholder		**protrusions**	data table
S	ll		**readers**	table
S	lm		F	afm
S	lo		F	check_lua
S	lt		F	check_tfm
S	lu		F	dfont
S	mc		F	lua
S	me		F	opentype
S	mn		F	otf
S	nd		F	pfb
S	nl		D	sequence
S	no		F	tfm
S	pc		F	ttc
S	pd		F	ttf
S	pe		**select**	table
S	pf		T	data
S	pi		F	definetypeface
S	po		T	fallbacks
S	ps		F	filterinput
S	sc		T	methods
S	sk		F	default
S	sm		F	features
S	so		F	file
F	format		F	goodies
F	onetimemessage		F	name
F	register		F	selectfont
F	reportdefinedfonts		F	simplefonts
F	reportusedfeatures		F	spec
mappings	table		F	style
F	addtounicode		F	registerfallback
F	fromunicode16		F	searchfiles
F	loadfile		**specifiers**	table
F	loadline		D	contextmerged
F	loadlumtable		F	contextnumber
F	makenameparser		D	contextnumbers
F	reset		D	contextsetups
F	tounicode16		F	contexttostring
F	tounicode16sequence		F	definecontext
mp	table		F	mergecontext
D	cache		F	presetcontext
B	inline		F	registercontext
N	version		F	showcontext
names	data table		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
cachedsetups	data table
cachesetup	function
checkedspecification	function
complete	data table
constants	data table
corenamespaces	data table
definecommand	function
doifelsemessage	function
elements	data table
formats	data table
getcheckedparameters	function
getmessage	function
hashedsetups	data table
interfacedcommand	function
interfaces	table
invalidkey	function
is_command	function
namespaces	table
F define	
F list	
registernamespace	function
setconstant	function
setelement	function
setformat	function
setmessage	function
setmessages	function
settranslation	function
setuserinterface	function
setvalidkeys	function
setvariable	function
showmessage	function
syntax	data table
tolist	function
translations	data table
variables	data table

io (basic lua)

ask	function
bytes	function
characters	function
close	function
exists	function
fileseparator	string
flush	function
i_limiter	function
i_limiters	table
T paranoid	
input	function
limiter	function
lines	function
loadchunk	function
loaddata	function
loadlines	function
noflines	function
o_limiter	function
o_limiters	table
T paranoid	
open	overloaded function
output	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
	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	F	found
associated	data table	F	load
association	function	T	methods
counters	data table	N	threshold
current	function		
data	data table		
define	function		
frequencies	table		
F averagecharwidth			
F getdata			
getnumber	function		
hyphenate	function		
installed	function		
labels	table		
F define			
F split			
lefthyphenmin	function		
loadable	function		
loadwords	function		
logger	table		
F report			
numbers	data table		
posthyphenchar	function		
prehyphenchar	function		
registered	data table		
replacements	table		
F add			
F handler			
F set			
righthyphenmin	function		
setexceptions	function		
setsynonym	function		
unload	function		
version	number		
words	table		
F check			
T data			
F disable			
F enable			
T enablers			
B enables			

layouts (context)

status table

    F isleftpage

    F leftorrightpagection

lfs (extra lua)

attributes	function
chdir	function
currentdir	function
dir	function
isdir	overloaded function
isfile	function
lock	function
lock_dir	function
mkdir	function
mkdirs	function
readlink	function
rmdir	function
setmode	function
shortname	function
symlinkattributes	function
touch	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		**tv**	function
convert	function		**type**	function
convertfile	function		**urlescape**	function
convertstring	function		**variable**	function
einject	function		**variables**	table
eprint	function		S color-background-blue	
escape	function		S color-background-body	
finalized	function		S color-background-green	
finject	function		S color-background-main	
fprint	function		S color-background-purple	
get	function		S color-background-yellow	
getvariables	function		S title-default	
htmfile	function			
html	table			

   F a
   F td
   F th

include	function
inherited	table

   S color-background-four
   S color-background-one
   S color-background-three
   S color-background-two
   S title

initialize	function
inject	function
lmxfile	function
loadedfile	function
new	function
overloaderror	function
popupfile	function
print	function
pv	function
report	function
reset	function
result	function
set	function
show	function
showdebuginfo	function
showerror	function
stripcss	function

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	**gethpos**	function
adddocumentcolorspace	function	**getmatrix**	function
adddocumenttextgstate	function	**getpos**	function
adddocumentpattern	function	**getvpos**	function
adddocumentshade	function	**graycode**	function
addtocatalog	function	**hasmatrix**	function
addtoinfo	function	**id**	function
addtonames	function	**injectxmpinfo**	function
addtopageattributes	function	**insertxmpinfo**	function
addtopageresources	function	**layerreference**	function
addtopagesattributes	function	**limited**	function
addxmpinfo	function	**linearshade**	function
annotationspecification	function	**nametree**	function
array	function	**null**	function
boolean	function	**number**	function
border	function	**pagedestinations**	data table
checkedkey	function	**pagereference**	function
checkedvalue	function	**pagereferences**	data table
circularshade	function	**pdfcolor**	function
cmykcode	function	**pdftimestamp**	function
collectedresources	function	**protectresources**	boolean
color	function	**rectangle**	function
colorspace	function	**reference**	function
colorspaceconstants	data table	**registerannotation**	function
colorspec	function	**registerdestination**	function
colorvalue	function	**registerdocumentfinalizer**	function
colorvalues	function	**registerpagefinalizer**	function
constant	function	**reserveobject**	function
delayedobject	function	**rgbcode**	function
destinationspecification	function	**rotationcm**	function
dictionary	function	**shareobject**	function
epdf	table	**shareobjectreference**	function
F expand		**spotcode**	function
F load		**stream**	function
finalizedocument	function	**string**	function
finalizepage	function	**timestamp**	function
finishtransparencycode	function	**toeight**	function
flushobject	function	**tosixteen**	function
flushstreamfileobject	function	**transform**	function
flushstreamobject	function	**transparency**	function
formats	data table	**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
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	**getid**	function
all	function	**getindex**	function
applyfunction	function	**id**	function
att	function	**idsplitter**	userdata
attribute	function	**include**	function
chainattribute	function	**index**	function
checkindex	function	**info**	function
collected	function	**inlineverbatim**	function
command	function	**installsetup**	function
concat	function	**last**	function
concatrange	function	**load**	function
content	function	**loadbuffer**	function
context	function	**loaddata**	function
convert	function	**loaded**	table
count	function	**loadregistered**	function
delete	function	**main**	function
direct	function	**match**	function
directives	table	**name**	function
F after		**namespace**	function
F before		**nonspace**	function
F handle		**pos**	function
F load		**position**	function
F setup		**raw**	function
displayverbatim	function	**rawroot**	function
doif	function	**register**	function
doifelse	function	**registerentity**	function
doifelsetext	function	**removesetup**	function
doifnot	function	**resetcdata**	function
doifnottext	function	**resetsetups**	function
doiftext	function	**resolvedentity**	function
element	function	**root**	function
elements	function	**serialize**	function
entities	data table	**setaction**	function
filter	function	**setcdata**	function
filterlist	function	**setcommandtonone**	function
first	function	**setcommandtotext**	function
flush	function	**setsetup**	function
flushlinewise	function	**snippet**	function
flushsetups	function	**sorters**	table
flushspacewise	function	F add	
~~**get_id**~~	~~function~~	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
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		**setalternate**	function
alphabets	data table		**setitalics**	function
big	function		**syncboth**	function
boldmap	table		**syncname**	function
categories	table		**syncstyle**	function
D functions			**toname**	function
checkaccentbaseheight	function		**tostyle**	function
checkprivateparameters	function		**tweakaftercopyingfont**	function
classes	data table		**tweakbeforecopyingfont**	function
codes	data table		**tweaks**	table
define	function		**utfmathaccent**	function
dimensions	function		**utfmathclass**	function
extensiblecode	function		**utfmathcommand**	function
extensibles	data table		**utfmathfiller**	function
extrabase	number		**utfmathstretch**	function
extras	table			
F add				
F copy				
fallbacks	table			
F apply				
F install				
fallbackstyleattr	function			
families	data table			
gaps	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			
resetitalics	function			
scaleparameters	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		**getstatistics**	function
checkformat	function		**gettext**	function
checktexts	function		**graphic**	function
collapse	boolean		**graphic_base_pass**	function
colorinitializer	function		**instance**	function
convert	function		**intermediate**	table
defaultformat	string		T actions	
defaultinstance	string		F makempy	
defaultmethod	string		**lastlog**	string
directrun	function		**llx**	number
edefsxsy	function		**lly**	number
escaped	function		**load**	function
exectime	table		**makempy**	table
extensiondata	data table		N nofconverted	
filterclippath	function		F processgraphics	
finder	function		F registerfile	
flush	function		**metafun**	table
flushers	table		F interpolate	
T pdf			F topath	
F comment			**method**	number
F flushfigure			**mptopdf**	table
F startfigure			F convertmpstopdf	
F stopfigure			N nofconverted	
F textfigure			**multipass**	boolean
flushliteral	function		**n**	number
flushnormalpath	function		**nvformat**	function
flushreset	function		**optimize**	boolean
fonts	table		**parse**	function
F define			**pdfliterals**	function
T flusher			**pluginactions**	function
F flushfigure			**process**	function
F startfigure			**processplugins**	function
F stopfigure			**processspecial**	function
N instances			**quickanddirty**	function
F process			**reducetogray**	boolean
format	function		**reporterror**	function
format_number	function		**reset**	function
format_string	function		**resetlastlog**	function
formatnumber	function		**resetplugins**	function
getclippath	function		**resettextexts**	function
getextensions	function		**setextensions**	function

setoutercolor	function
settext	function
settextexts	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
urx	number
ury	number
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

mplib (extra tex)

fields   function
finders   table
   F file
new   function
pen_info   function
preprocessed function
version   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		**markers**	table
F handler			F get	
F installnewkern			**mathcodes**	data table
F setcursive			**mlist_to_hlist**	function
F setkern			**new**	function
F setmark			**noadcodes**	data table
F setpair			**nodecodes**	data table
insert_after	function		**nopts**	function
insert_before	function		**nuts**	table
insert_list_after	function		F append	
installattributehandler	function		F concat	
is_direct	function		F copy	
is_display_math	function		F copy_list	
is_mirrored	data table		F count	
is_node	function		F current_attr	
is_nut	function		F delete	
is_rotated	data table		F dimensions	
kerncodes	data table		F do_ligature_n	
kerning	function		F end_of_math	
keys	table		F fasthpack	
T whatsit			F first_glyph	
last_node	function		F firstcharacter	
leftmarginwidth	function		F firstcharinbox	
ligaturing	function		F firstglyph	
lines	table		F flush_list	
T boxed			F flush_node	
F register			F free	
F setup			F getattr	
F stage_one			F getattribute	
F stage_two			F getbox	
F stage_zero			F getchar	
D data			F getfield	
F finalize			F getfont	
F number			F getid	
N scratchbox			F getleader	
link	function		F getlist	
linked	function		F getnext	
list	function		F getprev	
listablefields	data table		F getprop	
listcodes	data table		F getskip	
listtoutf	function		F getsubtype	
load	function		F has_attribute	
locate	function		F has_field	
margincodes	data table		F has_glyph	

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

	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 pdfliteral
	F tonodes		F pdfsetmatrix
	F tovpack		F register
	F tovpackfast		F rule
	F vpack		F special
	F unprotect_glyphs		F usage
	F unset_attribute		T userids
	F unsetattribute		N margins.inline
	F unsetattributes		N property
	F untracedslide		N splitters.one
	F usedlist		N splitters.two
	F vianodes		F usernumber

packlist function

pardir_is_equal data table

pardir_is_opposite data table

pardir_is_parallel data table

partextdir_is_equal data table

penaltycodes data table

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

points function

Under **pool** / node continuation:
- F vianuts
- F vpack
- F writable_spec
- F write

prepend function

print function

processors table
- B enabled
- F hpack_filter
- F post_linebreak_filter
- F pre_linebreak_filter
- F tracer

processwords function

properties table
- T actions
  - F delayed
  - F fdelayed
  - F immediate
- F attach
- T data
- F delayed

protect_glyphs function

protrusion_skippable function

pts function

reference function

references table
- N attribute
- T done

F handler		**striprange**	function
T stack		**tail**	function
remove	function	**takebox**	function
repackhlist	function	**tasks**	table
replace	function	F actions	
report	function	F appendaction	
rightmarginwidth	function	F disableaction	
rules	table	F disablegroup	
D data		F enableaction	
F define		F enablegroup	
F enable		F freeze	
F handler		F freezegroup	
save	function	F new	
serialize	function	F prependaction	
serializebox	function	F removeaction	
set_attribute	function	F restart	
setattr	function	F setaction	
setattribute	function	F showactions	
setattributes	function	F table	
setbox	function	**textdir_is_equal**	data table
setfield	function	**textdir_is_is**	data table
setunsetattributes	function	**textdir_is_opposite**	data table
shifts	table	**textdir_is_parallel**	data table
D data		**tobasepoints**	function
F define		**tocentimeters**	function
F enable		**tociceros**	function
F handler		**todidots**	function
show	function	**todimen**	function
showboxes	function	**toinches**	function
showcodes	function	**tomillimeters**	function
showlist	function	**tonewciceros**	function
showsimplelist	function	**tonewdidots**	function
skipcodes	data table	**tonode**	function
slide	function	**tonodes**	function
snapshots	table	**tonut**	function
F getparameters		**topicas**	function
F getsamples		**topoints**	function
F resetsamples		**toscaledpoints**	function
F takesample		**tosequence**	function
somepenalty	function	**tostring**	function
somespace	function	**totable**	function
stripping	table	**totree**	function
T glyphs		**toutf**	function
F set		**tracers**	table

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
convterttime	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	function			
rename	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
analyze	function
authors	table
F concat	
F inverted	
F invertedshort	
F normal	
F normalshort	
F preparedsort	
F setsettings	
F short	
F sorted	
F splitstring	
citeconcat	function
citevariants	table
F author	
F authornum	
F authoryear	
F authoryears	
F default	
F num	
F page	
F serial	
F short	
collected	data table
converttoxml	function
datasets	table
endnotes_to_btx	function
enhance	function
getindex	function
listconcat	function
lists	table
F collectentries	
F doifalreadyplaced	
F fetchentries	
F filterall	
F flushentries	
F nofregistered	
F register	
F registerplaced	
F resolve	

F setmethod	
T sorters	
F author	
F dataset	
F reference	
F short	
listvariants	table
F default	
F num	
F short	
load	function
loadbibdata	function
loaders	table
F bib	
F endnote	
F lua	
F refman	
F xml	
markasupdated	function
new	function
refman_to_btx	function
singularorplural	function
statistics	table
N nofbytes	
N nofdatasets	
N nofdefinitions	
N nofshortcuts	
tracers	table
T categories	
T article	
T optional	
T required	
T book	
T optional	
T required	
T booklet	
T optional	
T required	
T inbook	
T optional	
T required	

T incollection
    T optional
    T required
  T inproceedings
    T optional
    T required
  T manual
    T optional
    T required
  T mastersthesis
    T optional
    T required
  T misc
    T optional
    T required
  T phdthesis
    T optional
    T required
  T proceedings
    T optional
    T required
  T techreport
    T optional
    T required
  T unpublished
    T optional
    T required
T citevariants
T fields
T listvariants
F showdatasetcompleteness
F showdatasetfields

regimes (context)

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

resolvers (context)

allprefixes	function	**findfile**	function
appendhash	function	**findfiles**	function
automount	function	**findgivenfile**	function
automounted	table	**findgivenfiles**	function
booleanvariable	function	**findpath**	function
cacheversion	string	**findtexfile**	function
checkedvariable	function	**findwildcardfile**	function
cleanpath	function	**findwildcardfiles**	function
cleanpathlist	function	**formatofsuffix**	function
concatinators	data table	**formatofvariable**	function
configbanner	string	**formats**	data table
criticalvars	data table	**generators**	data table
dangerous	data table	**getenv**	function
datastate	function	**getownpath**	function
defaultsuffixes	table	**getreadfilename**	function
dowithfilesandreport	function	**hashers**	data table
dowithfilesintree	function	**homedir**	string
dowithpath	function	**inputstack**	table
dowithvariable	function	**installinputfilehandler**	function
env	function	**installinputlinehandler**	function
executers	table	**instance**	table

    F check

    F exec

    F execute

    F finalize

    F popen

    F register

    F spawn

	D data
	B diskcache
	D environment
	D expansions
expandbraces function	D fakepaths
expandedpathfromlist function	D files
expandedpathlist function	B force_suffixes
expandedpathlistfromvariable function	D found
expandpath function	D foundintrees
expandpathfromvariable function	D hashed
expansion function	D hashes
extendtexmfvariable function	D lists
~~**find_file**~~ ~~function~~	B loaderror
~~**find_files**~~ ~~function~~	D order
findbinfile function	B remember
findctxfile function	B renewcache
finders data table	B renewtree
	B savelists
	D setups
	D specification

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

variableofformatorsuffix   function

wildcardpattern   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
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
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		**toboolean**	function
autosingle	function		**tocontext**	function
booleanstring	function		**todimen**	function
byte	function		**tonodes**	function
bytepairs	function		**topattern**	function
bytes	function		**totable**	function
char	function		**toutf**	function
characterpairs	function		**tracedchar**	function
characters	function		**tracedchars**	table
checkedsplit	function		**unquote**	function
collapsespaces	function		**unquoted**	function
count	function		**upper**	function
dump	function		**utfcharacters**	function
escapedpattern	function		**utfvalues**	function
explode	function		**valid**	function
find	function			
format	function			
formatter	function			
formatters	function			
fullstrip	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			
quote	function			
quoted	function			
rep	function			
reverse	function			
split	function			
splitlines	function			
splitup	function			
strip	function			
sub	function			
tformat	function			

structures (context)

atlocation	function			F setlevel	
blocks	table			F setoffset	
D collected				F setown	
F define				F setstate	
F print				F setvalue	
F save				T specials	
F select				F userpage	
F setstate				F subs	
D states				D tobesaved	
D tobesaved				F value	
bookmarks	table			**currentsectionnumber**	function
F finalize				**descriptions**	table
F flatten				**documents**	table
S method				D data	
F overload				F initialize	
F place				F preset	
F register				F reset	
F setup				**floats**	table
counters	table			**formulas**	table
F add				F current	
F analyze				F simplify	
F check				F store	
D collected				**helpers**	table
F compact				F analyze	
F converted				F formulanumber	
F currentvalue				F merged	
D data				F page	
F define				F prefix	
F first				F prefixlastpage	
F get				F prefixpage	
F last				F simplify	
F next				F title	
F prev				F touserdata	
F previous				**inserts**	table
F raw				D data	
F record				F define	
F reset				F getdata	
F restart				F getlocation	
F restore				F getname	
F save				F getnumber	
F set				F setlocation	

F	setup		F	uservalue
D	stored		**marks**	**table**
itemgroups	**table**		D	data
F	maxwidth		F	define
F	nofitems		F	exists
F	register		F	fetch
lists	**table**		F	fetchallmarks
F	addto		F	fetched
F	analyze		F	fetchonemark
B	autoreorder		F	fetchtwomarks
D	cached		F	get
D	collected		F	number
F	discard		F	relate
F	enhance		F	reset
T	enhancers		F	set
F	filter		F	show
F	filtercollected		F	synchronize
F	formulanumber		F	title
F	groupindex		T	tracers
F	hasnumberdata		F	showtable
F	haspagedata		**notes**	**table**
F	hastitledata		F	checkpagechange
F	iscached		F	define
F	label		F	doifonsamepageasprevious
F	location		F	get
F	number		F	getdeltapage
D	ordered		F	getn
F	page		F	getnumberpage
F	popnesting		F	getstate
F	prefix		F	getsymbolpage
F	prefixednumber		F	hascontent
F	prefixedpage		F	internal
F	process		F	internalid
D	pushed		F	listindex
F	pushnesting		F	ordered
F	realpage		F	postpone
F	reordered		F	resetpostponed
T	result		F	restore
D	sectionblocks		F	save
F	sectionnumber		F	setstate
F	size		F	setsymbolpage
F	title		D	states
D	tobesaved		F	store
F	userdata		**pages**	**table**

F internal			F findnumber	
F page			F fullnumber	
F realpage			F getcurrentlevel	
F section			F getlevel	
F userpage			F getnumber	
D tobereferred			F internalreference	
D tobesaved			D levelmap	
T urls			D levels	
T data			F load	
F define			F matchingtilldepth	
F get			F numberatdepth	
D usedinternals			F numbers	
D usedviews			F popblock	
F valid			F prefixedconverted	
F whatfrom			F pushblock	

registers   table

F analyze	F register
D collected	D registered
F compare	F reportstructure
F define	F save
F enhance	T sectionblockdata
F extend	T bodypart
F filter	S bookmark
F filtercollected	F set
F finalize	F setblock
F flush	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	F userdata
	B verbose

sections   table

sets   table

F autodepth	F define
F cct	F get
D collected	F getall
F current	D setlist
F currentblock	

specials   table

F currentid	D collected
F currentlevel	F retrieve
F depthnumber	F store
F finddata	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

D taglist
T userdata

tags table

T data
F detailedtag
F getid
F handler
D labels
F last
F lastinchain
T metadata
D properties
F registerdata
F registermetadata
F restart
F setattributehash
F setcombination
F setdescription
F setdescriptionsymbol
F setfigure
F sethighlight
F setitemgroup
F setproperty
F setsorting
F setsynonym
F settablecell
F settabulatecell
F start
F stop

table (basic lua)

allkeys	function	**serialize**	function
append	function	**setmetatablecall**	function
are_equal	function	**setmetatableindex**	function
autokey	function	**setmetatablekey**	function
compact	function	**setmetatablenewindex**	function
concat	function	**sort**	function
contains	function	**sorted**	function
copy	function	**sortedhash**	function
count	function	**sortedhashkeys**	function
derive	function	**sortedhashonly**	function
deserialize	function	**sortedindexonly**	function
drop	function	**sortedkeys**	function
fastcopy	function	**sortedpairs**	function
fastserialize	function	**strip**	function
flattened	function	**sub**	function
foreach	function	**swapped**	function
foreachi	function	**tocontext**	function
fromhash	function	**tocsv**	function
getmetatablekey	function	**tofile**	function
getn	function	**tohandle**	function
has_one_entry	function	**tohash**	function
identical	function	**toxml**	function
imerge	function	**twowaymapper**	function
imerged	function	**unique**	function
insert	function	**unnest**	function
is_empty	function	**unpack**	function
keys	function	**values**	function
load	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		
sequenced	function		

tex (basic tex)

attribute	table	**isdefined**	data table
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	**printlist**	function
getdelcode	function	**prtcatcodes**	number
getdimen	function	**romannumeral**	function
getlccode	function	**round**	function
getlist	function	**run**	function
getmath	function	**scale**	function
getmathcode	function	**set**	function
getnest	function	**set_experimental_code**	function
getsfcode	function	**setattribute**	function
getskip	function	**setbox**	function
gettoks	function	**setcatcode**	function
getuccode	function	**setcount**	function
hashtokens	function	**setdelcode**	function
ifs	data table	**setdimen**	function
inicatcodes	number	**setlccode**	function
init_rand	function	**setlist**	function
iscount	function	**setmath**	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   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)

bgroup   table
collectors table

    T data

    F defaultwords

    F dowithwords

    F flush

    F handle

    F install

    F register

    T registered

    T remapper

     F convert

     T data

     F store

    F show

    T show_methods

     F a

     F b

     F c

    F showtoken

    F test

    F trace

egroup   table
hbox   table
letter   function
letters   function
other   function
vbox   table
vtop   table

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
italics   table
    F forcevariant
    F handler
    F reset
    F set
kerns   table
    D factors
    F handler
    F keepligature
    B keeptogether
    D mapping
    F set
margins   table
    F finalhandler
    F globalhandler
    F ha
    F localhandler
    F save
processors   table
    F apply
    F register
    F reset
    F split

F startapply

    F stopapply

    F stripped

    F tostring

spacings   table

    F define

    F handler

    D mapping

    T numbers

      T frenchpunctuation

        T characters

        S name

        N number

    F reset

    F set

    F setup

xtables   table

    F cleanup

    F construct

    F create

    F flush

    F initialize_construct

    F initialize_reflow_height

    F initialize_reflow_width

    F next_row

    F reflow_height

    F reflow_width

    F set_construct

    F set_reflow_height

    F set_reflow_width

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
F utf16_to_utf8_be
F utf16_to_utf8_le
F utf32_to_utf8
F utf32_to_utf8_be
F utf32_to_utf8_le
F utf8_to_utf16
F utf8_to_utf16_be
F utf8_to_utf16_le
F utf8_to_utf8
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 hash_to_string
- F iterator
- F keq_to_hash
- F listitem
- F make_settings_to_hash_pattern
- F manipulated
- U manipulation
- T manipulators
  - F lowercase
  - F stripperiod
  - F uppercase
- 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 splitthousands
- F stepper
- F stripped_settings_to_array
- F unittotex
- F unittoxml

report	function
sequencers	table
F appendaction	
F appendgroup	
F compile	
F disableaction	
F disablegroup	
F enableaction	
F enablegroup	
D functions	
F localize	
F new	
F nodeprocessor	
F prependaction	
F prependgroup	
F removeaction	
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 prune	
U prune and collapse	
U prune and no empty	
U retain	
U retain and collapse	
U retain and no empty	
F striplines	
F striplong	
F tabtospace	
T tracers	
tables	table
F accesstable	
F definedtable	
F definetable	
F encapsulate	
F insertaftervalue	
F insertbeforevalue	
F migratetable	
F removevalue	
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 lower	
~~collect_texts~~	~~function~~	F name	
collected	function	F number	
collecttexts	function	F oneof	
content	function	F print	
convert	function	F quit	
copy	function	F tag	
count	function	F text	
cprint	function	F undefined	
css	table	F upper	
F colorspecification		**fillin**	function
F dimension		**filter**	function
F fontspecification		**finalizers**	table
F padding		F paragraphs	
defaulthandlers	table	T tex	
D file		F all	
D parsedxml		F attribute	
D string		F chainattribute	

F	command	F	table
F	concat	F	tag
F	concatrange	F	tags
F	context	F	text
F	count	F	texts
F	ctxtext	F	upperall

first	function
found	function
functions	table
getbuffer	function
gethandlers	function
gethandlersfunction	function
helpers	table

F recursetext

include	function
index	function
inheritedconvert	function
inject	function
~~**inject_element**~~	~~function~~
~~**inject_element_after**~~	~~function~~
~~**inject_element_before**~~	~~function~~
injectafter	function
injectbefore	function
insert	function
insert_element	function
~~**insert_element_after**~~	~~function~~
~~**insert_element_before**~~	~~function~~
insertafter	function
insertbefore	function
insertcomment	function
inspect	function
is_valid	function
kind	function
last	function
load	function
lpath	function
lpathcached	function
lpathcalls	function
lshow	function
makestandalone	function
match	function
name	function
newhandlers	function
nodesettostring	function

F	default
F	first
F	function
F	index
F	last
F	lettered
F	lower
F	lowerall
F	match
F	name
F	position
F	reverse
F	stripped
F	tag
F	tags
F	text
F	upper
F	upperall

T xml

F	all
F	att
F	attribute
F	attributes
F	cdata
F	chainattribute
F	count
F	default
F	elements
F	empty
F	first
F	function
F	index
F	last
F	lowerall
F	match
F	name
F	position
F	reverse

originalload	function	**stripelement**	function
package	function	**stripleadingspaces**	function
parent	function	**table**	function
parsedentitypeg	userdata	**text**	function
pihandlers	table	**textonly**	function
placeholders	table	**texttocdata**	function
F unknown_any_entity		**tocdata**	function
F unknown_dec_entity		**toelement**	function
F unknown_hex_entity		**tostring**	function
position	function	**toxml**	function
privatecodes	table	**tprint**	function
privatetoken	function	**traverse**	function
process	function	**unescaped**	function
~~**process_attributes**~~	~~function~~	**unprivatized**	function
~~**process_elements**~~	~~function~~	**withelement**	function
processattributes	function	**withelements**	function
profiled	table	**wrap**	function
raw	function	**xmlns**	table
registerentity	function		
registerns	function		
~~**remap_name**~~	~~function~~		
~~**remap_namespace**~~	~~function~~		
~~**remap_tag**~~	~~function~~		
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		
sethandlersfunction	function		
setproperty	function		
settings	function		
specialhandler	table		
sprint	function		
string	function		
strip	function		
~~**strip_whitespace**~~	~~function~~		

zip (extra lua)

archives	table
close	function
closearchive	function
open	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