MP attributes backends bit bit32 blobs
boolean buffers builders caches callback
callbacks catcodes characters chemistry
commands containers context converters
coroutine ctxrunner debug dir directives
document documentdata environment epdf
experiments figures file floats font
fontloader fonts functions global graphics
gzip img interactions interfaces io jit job
lang languages layouts lfs libraries lmx
logs lpdf lpeg ltn12 lua luatex lxml math
mathematics mbox md5 metapost mime
moduledata modules mp mplib 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)

MP	table		**error**	function
_LUAVERSION	number		**experiments**	table
_MAJORVERSION	number		**figures**	table
_MINORVERSION	number		**file**	table
cldo	function		**floats**	table
arg	table		**font**	table
assert	function		**fontloader**	table
attributes	table		**fonts**	table
backends	table		**frozen**	boolean
beginpage	function		**functions**	table
bit	table		**gcinfo**	function
bit32	table		**getfenv**	function
blobs	table		**getmetatable**	function
boolean	table		**getpos**	function
border_set	boolean		**getreadfilename**	function
buffers	table		**getvpos**	function
builders	table		**global**	table
caches	table		**graphics**	table
callback	table		**gzip**	table
callbacks	table		**img**	table
catcodes	table		**inspect**	function
characters	table		**interactions**	table
chemistry	table		**interfaces**	table
collectgarbage	function		**io**	table
commands	table		**ipairs**	function
containers	table		**jit**	table
context	function		**job**	table
converters	table		**lang**	table
coroutine	table		**languages**	table
ctx_doifelse	function		**layouts**	table
ctxrunner	table		**lfs**	table
debug	table		**libraries**	table
dimen	function		**lmx**	table
dir	table		**load**	function
directives	table		**loadfile**	function
document	table		**loadstring**	function
documentdata	table		**logs**	table
dofile	function		**lpdf**	table
endpage	function		**lpeg**	table
environment	table		**ltn12**	table
epdf	table		**lua**	table

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

numbers data table
ofnode function
private function
public function
showcurrent function
states table

F	disabletriggering
F	enabletriggering
F	finalize
F	initialize
F	process
F	selective
F	stacked
F	stacker

system function
transparencies table

N	attribute
D	data
F	enable
F	forcesupport
F	handler
U	none
F	register
D	registered
B	supported
B	triggering
F	value
D	values

unsetvalue number
viewerlayers table

N	attribute
D	data
F	define
F	enable
F	forcesupport
F	handler
B	hasorder
D	listwise

F	register
D	registered
F	resolve_begin
F	resolve_end
F	resolve_reset
F	resolve_step
D	scopes
F	setfeatures
F	start
F	stop
B	supported
D	values

backends (context)

codeinjections table
- F synchronizecolormodel

current string

defaults table
- T codeinjections
  - F gethpos
  - F getmatrix
  - F getpos
  - F getvpos
  - F hasmatrix
- T nodeinjections
- T registrations
- D tables

install function

nodeinjections table
- F restore
- F save
- F transform

nothing function

pdf table
- T codeinjections
  - F addbookmarks
  - F attachmentid
  - F clonefield
  - F definefield
  - F definefieldset
  - F defineviewerlayer
  - F embedfile
  - F enabletags
  - F exportformdata
  - F getbookmarks
  - F getdefaultfieldvalue
  - F getfieldcategory
  - F getfieldset
  - F getformatoption
  - F gethpos
  - F getmatrix
  - F getoutputfilename
  - F getpos
  - F getpreviewfigure
  - F getvpos

- F hasmatrix
- F insertrenderingwindow
- F mergebookmarks
- F mergereferences
- F mergeviewerlayers
- F prerollreference
- F presetsymbol
- F presetsymbollist
- F processrendering
- F registerdocumentcloseaction
- F registerdocumentopenaction
- F registeredsymbol
- F registerpagecloseaction
- F registerpageopenaction
- F registersymbol
- F setfieldcalculationset
- F setfigurealternative
- F setfigurecolorspace
- F setfiguremask
- F setformat
- F setformsmethod
- F setpagetransition
- F setupcanvas
- F setupidentity
- F setxmpfile
- F startlayer
- F stoplayer
- F supportedformats
- F unicodetoactualtext
- F useviewerlayer
- F validfield
- F validfieldcategory
- F validfieldset
- S comment
- T nodeinjections
  - F addtags
  - F annotation
  - F attachfile
  - F changestackedlayer
  - F cmykcolor
  - F comment

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

| **registrations** | table |
| **tables** | table |

bit (context)

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

bit32 (basic lua)

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

blobs (context)

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

boolean (context)

tocontext function
tonumber   function

buffers (context)

append	function
assign	function
collectcontent	function
erase	function
exists	function
getcontent	function
getlines	function
loadcontent	function
parallel	table

    F define

    F hassomecontent

    F next

    F place

    F reset

    F save

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	S	B
adobename	function	S	C
bidi	data table	S	D
blockrange	function	S	E
blocks	data table	S	F
casemap	table	S	G
categories	data table	S	H
category	function	S	I
categorytags	data table	S	J
collapsed	data table	S	K
combined	data table	S	L
contextname	function	S	M
data	data table	S	N
decomposed	data table	S	O
define	function	S	P
description	function	S	Q
descriptions	data table	S	R
directions	table	S	S
enccodes	data table	S	T
entities	data table	S	U
fallbacks	data table	S	V
filters	data table	S	W
fromnumber	function	S	X
fschars	data table	S	Y
fscodes	data table	S	Z
getrange	function	S	À
graphemes	data table	S	Á
hangul	data table	S	Â
initialize	function	S	Ã
is_character	data table	S	Ä
is_command	data table	S	Å
is_letter	data table	S	Æ
is_mark	data table	S	Ç
is_punctuation	data table	S	È
is_spacing	data table	S	É
lcchars	data table	S	Ê
lccode	function	S	Ë
lccodes	data table	S	Ì
lettered	function	S	Í
lhash	table	S	Î
S A		S	Ï

S Đ	S Ľ
S Ñ	S Ŀ
S Ò	S Ł
S Ó	S Ń
S Ô	S Ņ
S Õ	S Ň
S Ö	S Ŋ
S Ø	S Ō
S Ù	S Ŏ
S Ú	S Ő
S Û	S Œ
S Ü	S Ŕ
S Ý	S Ŗ
S Þ	S Ř
S Ā	S Ś
S Ã	S Ŝ
S Ą	S Ş
S Ć	S Š
S Ĉ	S Ţ
S Ċ	S Ť
S Č	S Ŧ
S Ď	S Ũ
S Đ	S Ū
S Ē	S Ŭ
S Ĕ	S Ů
S Ė	S Ű
S Ę	S Ų
S Ě	S Ŵ
S Ĝ	S Ŷ
S Ğ	S Ÿ
S Ġ	S Ź
S Ģ	S Ż
S Ĥ	S Ž
S Ħ	S Ɓ
S Ĩ	S Ɓ
S Ī	S Ƅ
S Ĭ	S Ɔ
S Į	S Ƈ
S İ	S Đ
S Ĳ	S Ð
S Ĵ	S ɑ
S Ķ	S Ǝ
S Ĺ	S ə
S Ļ	S ɛ

S ʄ	S ̌K
S Ɠ	S Ọ
S ɣ	S Ǭ
S ɩ	S ž
S ɨ	S
S ĸ	S
S ɰ	S Ǵ
S ɲ	S Ħ
S θ	S
S ơ	S Ǹ
S ɷ	S
S ⱷ	S Ǽ
S ʁ	S Ǿ
S ƨ	S À
S Σ	S Â
S τ	S È
S ʈ	S Ê
S ʊ	S Ì
S ŭ	S Î
S ʋ	S Ò
S Y	S Ô
S ƶ	S Ř
S ʒ	S R̂
S ɛ	S Ù
S ƽ	S Û
S	S Ş
S	S Ţ
S	S ʒ
S	S Ȟ
S	S ŋ
S	S
S Ă	S Ẓ
S Ĭ	S Ȧ
S Õ	S Ę
S Ŭ	S ð̃
S Ū	S ð̃
S Ú	S Ȯ
S Ŭ	S Ō̃
S Ù	S Ȳ
S Ã	S Ⱪ
S Ā	S ℒ
S Ǣ	S Ł
S	S ⱦ
S Ğ	S ʔ

S Ƀ	S ɧ
S Ʉ	S ŋ
S Ʌ	S
S	S
S	S
S	S
S Ʀ	S
S	S
S Ꭺ	S
S Ɇ	S ө
S Ħ	S Þ
S Ɪ	S C
S Ɵ	S M
S Ƴ	S Ɔ
S Ꞷ	S Ɇ
S A	S Э
S B	S È
S Γ	S Ë
S Δ	S Ђ
S E	S Ѓ
S Z	S Є
S H	S Ѕ
S Θ	S І
S I	S Ï
S K	S Ј
S Λ	S Љ
S M	S Њ
S N	S Ћ
S Ξ	S Ќ
S O	S Ѝ
S Π	S Ў
S P	S Џ
S Σ	S А
S T	S Б
S Y	S В
S Φ	S Г
S X	S Д
S Ψ	S Е
S Ω	S Ж
S Ï	S З
S Ÿ	S И
S Ọ	S Й
S Ç	S К
S F	S Л

S М
S Н
S О
S П
S Р
S С
S Т
S У
S Ф
S Х
S Ц
S Ч
S Ш
S Щ
S Ъ
S Ы
S Ь
S Э
S Ю
S Я
S
S ђ
S
S
S
S
S
S
S
S
S θ
S
S
S
S
S
S
S
S
S
S
S
S Ґ
S Ғ
S Ҕ
S Җ

S Ҙ
S Қ
S
S
S
S Ң
S Ħ
S
S
S Ç
S Ţ
S Y
S Ұ
S Ҳ
S
S
S
S һ
S
S
S I
S Ӂ
S Қ
S
S Ҥ
S
S Ҷ
S
S Ӑ
S Ä
S Æ
S Ĕ
S ə
S ӓ
S Ӝ
S Ӟ
S Ӡ
S Ӣ
S Ӥ
S Ö
S θ
S ӧ
S ӛ
S ȳ

S ÿ

S ÿ

S ӱ

S ſ

S ӹ

S

S

S

S

S

S

S

S

S

S

S

S ε

S

S ʮ

S ε

S ۹

S ɔ

S ŧ

S ო

S �

S ꞓ

S ꝋ

S đ

S ⱨ

S ʟ

S ᴎ

S ƍ

S ᴎ

S ʑ

S ა

S ꞃ

S ᶍ

S ᴜ

S ӡ

S ს

S ƈ

S ꞏ

S o

S ꞑ

S ୭

S ᄋ

S ᄂ

S s

S ꞃ

S ꝸ

S ⱶ

S ꝏ

S ₽

S o

S ꝺ

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S
S
S
S
S
S
S Ą
S Ḃ
S Ḅ
S Ḇ
S Ć
S Ḋ
S Ḍ
S Ḏ
S Ḑ
S Ḓ
S
S
S Ḕ
S Ḗ
S Ḝ
S Ḟ
S Ḡ
S Ḣ
S Ḥ
S Ḧ
S Ḩ
S Ḫ
S Ḭ
S
S Ḱ
S Ķ
S Ḵ
S Ḷ
S Ḹ
S Ḻ
S Ḽ
S Ḿ
S Ṁ
S Ṃ
S Ṅ
S Ṇ
S Ṉ
S Ṋ

S Ő
S
S
S
S Ṕ
S Ṗ
S Ṙ
S Ṛ
S Ṝ
S Ṟ
S Ś
S Ṣ
S
S
S Ṩ
S Ṫ
S Ṭ
S Ṯ
S Ṱ
S Ṳ
S Ṵ
S Ṷ
S Ű
S
S Ṽ
S Ṿ
S Ẁ
S Ẃ
S Ẅ
S Ẇ
S Ẉ
S Ẋ
S Ẍ
S Ẏ
S Ẑ
S Ẓ
S Ẕ
S Ą
S
S
S
S
S Â

S	S Ǎ
S Å	S Ǎ
S	S Ɛ
S	S Ɛ
S Ā	S ʼƐ
S Ę	S ʼƐ
S	S ʼƐ
S Ē	S ʼƐ
S	S Ħ
S	S Ħ
S	S ʼĦ
S	S ʼĦ
S Ê	S ʼĦ
S	S ʼĦ
S Į	S ʼĦ
S Ǫ	S ʼĦ
S	S ɪ
S	S ɪ
S	S ʼɪ
S	S ʼɪ
S	S ʼɪ
S Ộ	S ʼɪ
S Ớ	S ʼɪ
S Ờ	S ʼɪ
S	S ʊ
S Õ	S ʊ
S Ơ	S ʼʊ
S Ụ	S ʼʊ
S	S ʼʊ
S Ú	S ʼʊ
S Ù	S ʏ
S	S ʏ
S Ũ	S ʼʏ
S Ụ	S ʼʏ
S Ỳ	S ɒ
S Ỵ	S ɒ
S	S ʼɒ
S Ỹ	S ʼɒ
S ᴀ	S ʼɒ
S ᴀ	S ʼɒ
S ʼᴀ	S ʼɒ
S ʼᴀ	S ʼɒ
S ʼᴀ	S Ą
S ʼᴀ	S Ą

S Ạ́	S Ω̃
S Ạ̀	S Ω̣
S Ậ	S Ω̣
S Ạ̃	S Κ
S Ặ	S Å
S Ặ	S
S Ḥ̃	S
S Ḥ̀	S
S Ḧ̃	S
S Ḧ̂	S
S Ḧ̃	S
S Ḥ̃	S
S Ḥ̃	S
S Ọ̃	S
S Ọ̀	S
S Ộ	S
S Ọ̃	S
S Ọ̈	S
S Ọ̃	S
S Ọ̃	S
S Ã	S
S Ā	S
S Á	S
S À	S
S Ạ	S
S È	S
S É	S
S Ḣ	S
S Ḥ	S
S Ḥ	S
S Ĭ	S
S Ī	S
S Ì	S
S Í	S
S Ў	S
S Ÿ	S
S Ỳ	S
S Ý	S
S Þ	S
S Ờ	S
S Ơ	S
S Ọ̀	S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S R

S

S

S

S H

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

linebreaks	table		**mirrors**	table
S ai			**otfscripts**	data table
S al			**ranges**	data table
S b2			**registerentities**	function
S ba			**remap_hangul_syllabe**	function
S bb			**setcodes**	function
S bk			**shape**	function
S cb			**shaped**	function
S cj			**shash**	table
S cl			S À	
S cm			S Á	
S cp			S Â	
S cr			S Ã	
S ex			S Ä	
S gl			S Å	
S h2			S Æ	
S h3			S Ç	
S hl			S È	
S hy			S É	
S id			S Ê	
S in			S Ë	
S is			S Ì	
S jl			S Í	
S jt			S Î	
S jv			S Ï	
S lf			S Ñ	
S nl			S Ò	
S ns			S Ó	
S nu			S Ô	
S op			S Õ	
S po			S Ö	
S pr			S Ø	
S qu			S Ù	
S ri			S Ú	
S sa			S Û	
S sg			S Ü	
S sp			S Ý	
S sy			S ß	
S wj			S à	
S xx			S á	
S zw			S â	
lower	function		S ã	
math	table		S ä	
mathpairs	data table		S å	

S æ	S ĕ
S ç	S Ė
S è	S ė
S é	S Ę
S ê	S ę
S ë	S Ě
S ì	S ě
S í	S Ĝ
S î	S ĝ
S ï	S Ğ
S ñ	S ğ
S ò	S Ġ
S ó	S ġ
S ô	S Ģ
S õ	S ģ
S ö	S Ĥ
S ø	S ĥ
S ù	S Ħ
S ú	S ħ
S û	S Ĩ
S ü	S ĩ
S ý	S Ī
S ÿ	S ī
S Ā	S Ĭ
S ā	S ĭ
S Ă	S Į
S ă	S į
S Ą	S İ
S ą	S Ĳ
S Ć	S ĳ
S ć	S Ĵ
S Ĉ	S ĵ
S ĉ	S Ķ
S Ċ	S ķ
S ċ	S Ĺ
S Č	S ĺ
S č	S Ļ
S Ď	S ļ
S đ	S Ľ
S Đ	S ľ
S đ	S Ŀ
S Ē	S ŀ
S ē	S Ł
S Ĕ	S ł

S Ń	S Ų
S ń	S ų
S Ņ	S Ŵ
S ṇ	S ŵ
S Ň	S Ŷ
S ň	S ŷ
S Ō	S Ÿ
S ō	S Ź
S Ȭ	S ź
S ŏ	S Ż
S Ő	S ż
S ő	S Ž
S Œ	S ž
S œ	S Ƀ
S Ŕ	S Ɓ
S ŕ	S Ƃ
S Ŗ	S ƃ
S ŗ	S Ƈ
S Ř	S ƈ
S ř	S Ɖ
S Ś	S ɑ
S ś	S ɒ
S Ŝ	S Ƒ
S ŝ	S ƒ
S Ş	S Ɠ
S ş	S Ɨ
S Š	S Ƙ
S š	S ƙ
S Ţ	S ł
S ţ	S Ɲ
S Ť	S ŋ
S ť	S θ
S Ŧ	S ơ
S ŧ	S ơ
S Ũ	S Ƥ
S ũ	S ƥ
S Ū	S ƫ
S ū	S Ƭ
S Ũ	S ƭ
S ŭ	S Ʈ
S Ů	S Ư
S ů	S ư
S Ű	S ʋ
S ű	S ʏ

S y	S ǭ
S ẓ	S š
S ƶ	S ž
S ȥ	S ǰ
S	S ̦
S	S ǵ
S	S ǵ
S	S Ǹ
S	S ǹ
S	S
S	S
S	S Ǽ
S Ă	S ǽ
S ă	S Ǿ
S Ĭ	S ǿ
S ĭ	S À
S Õ	S à
S ŏ	S Â
S Ŭ	S â
S ŭ	S È
S Ū̆	S è
S ū̆	S Ê
S Ú	S ê
S ú	S Ì
S Ǔ	S ì
S ǔ	S Î
S Ù	S î
S ù	S Ò
S Ǟ	S ò
S ǟ	S Ô
S Ǡ	S ô
S ǡ	S Ř
S Ǣ	S ř
S ǣ	S R̂
S	S r̂
S	S Ù
S Ğ	S ù
S ğ	S Û
S Ǩ	S û
S ǩ	S Ş
S Ǫ	S ş
S ǫ	S Ţ
S Ǭ	S ţ
	S Ħ

S ň
S ŋ
S ɖ
S ẓ
S ʐ
S Ȧ
S ȧ
S Ę
S ę
S Õ
S ō̃
S Õ
S õ̌
S Ò
S ȯ
S Õ
S ǒ
S Ȳ
S ȳ
S ḷ
S ɳ
S ṭ
S Ӕ
S ȴ
S ℒ
S Ł
S Ʈ
S ş
S ʐ
S ʙ
S
S
S
S
S Ꞃ
S ғ
S
S
S ɓ
S ɕ
S ɖ
S ɗ
S ɚ

S ɟ
S ń
S ɨ
S ł
S ɫ
S ɭ
S ɱ
S ɲ
S ŋ
S ɾ
S ɽ
S ɺ
S ʂ
S ʃ
S ʈ
S ʋ
S ʐ
S z
S ʒ
S ɟ
S ɖ
S Ⱥ
S Ɇ
S Ħ
S Ɪ
S Ɵ
S Ɣ
S Ɒ
S í
S Ï
S Ÿ
S ɑ́
S ɛ́
S ŋ́
S í
S ʊ́
S ï
S ü
S ó
S ú
S ẃ
S È
S Ǹ
S è

S ѝ
S
S
S
S
S
S
S Ґ
S ґ
S Ғ
S ғ
S Ҕ
S ҕ
S Җ
S җ
S Ҙ
S ҙ
S Қ
S қ
S
S
S
S
S Ң
S ң
S
S
S Ç
S ç
S Ҭ
S ҭ
S Ҳ
S ҳ
S
S
S
S
S Ҿ
S ҿ
S Ҟ
S ҟ
S
S
S Ҋ

S Ҥ
S
S
S
S
S Ӑ
S ӑ
S Ӓ
S ӓ
S Ӗ
S ӗ
S Ӛ
S ә
S Ӝ
S ӝ
S Ӟ
S ӟ
S Ӣ
S ӣ
S Ӥ
S ӥ
S Ӧ
S ӧ
S Ӭ
S ӭ
S Ӯ
S ӯ
S Ӱ
S ӱ
S Ӳ
S ӳ
S Ӵ
S ӵ
S Ӷ
S ӷ
S Ӹ
S ӹ
S
S
S
S
S
S

S	S
S	S
S	S
S	S Ą
S	S ą
S	S Ḃ
S	S ḃ
S	S Ḅ
S	S ḅ
S	S Ḇ
S	S ḇ
S	S Ç
S	S ç
S	S Ḋ
S	S ḋ
S	S Ḍ
S	S ḍ
S	S Ḏ
S	S ḏ
S	S Ḑ
S	S ḑ
S	S Ḓ
S	S ḓ
S	S
S	S
S	S
S	S
S	S Ę
S ļ	S ę
S	S Ḛ
S	S ḛ
S	S Ĕ
S	S ĕ
S	S Ḟ
S	S ḟ
S	S Ḡ
S	S ḡ
S	S Ḣ
S	S ḣ
S	S Ḥ
S	S ḥ
S	S Ḧ
S	S ḧ
S	S Ḩ

S ḥ	S ṕ
S Ḥ	S Ṗ
S ḫ	S ṗ
S Ị	S Ṙ
S ị	S ṙ
S	S Ṛ
S	S ṛ
S Ḱ	S Ṝ
S ḱ	S ṝ
S Ḳ	S Ṟ
S ḳ	S ṟ
S Ḵ	S Ṡ
S ḵ	S ṡ
S Ḷ	S Ṣ
S ḷ	S ṣ
S Ḹ	S
S Ḹ	S
S Ḻ	S
S ḻ	S Ṥ
S Ḽ	S ṥ
S ḽ	S Ṫ
S Ḿ	S ṫ
S ḿ	S Ṭ
S Ṁ	S ṭ
S ṁ	S Ṯ
S Ṃ	S ṯ
S ṃ	S Ṱ
S Ṅ	S ṱ
S ṅ	S Ụ
S Ṇ	S ụ
S ṇ	S Ṳ
S Ṉ	S ṳ
S ṉ	S Ṵ
S Ṋ	S ṵ
S ṋ	S Ú
S Ő	S ű
S ő	S
S	S Ṽ
S	S ṽ
S	S Ṿ
S	S ṿ
S	S Ẁ
S Ṕ	

S ẁ	S
S Ẃ	S
S ẃ	S
S Ẅ	S
S ẅ	S Ẫ
S Ẇ	S ẫ
S ẇ	S Ẹ
S Ẉ	S ẹ
S ẉ	S
S Ẋ	S
S ẋ	S Ẽ
S Ẍ	S ẽ
S ẍ	S
S Ẏ	S
S ẏ	S
S Ẑ	S
S ẑ	S
S Ẓ	S
S ẓ	S
S Ẕ	S Ệ
S ẕ	S ệ
S ẖ	S
S ẗ	S
S ẘ	S Ị
S ẙ	S ị
S	S Ọ
S Ạ	S ọ
S ạ	S
S	S
S	S
S	S
S	S
S	S
S	S
S	S
S Ậ	S Ộ
S ậ	S ộ
S	S Ớ
S	S ớ
S Ằ	S Ờ
S ằ	S ờ

S	S ɛ́
S	S ɛ́
S Õ	S ɛ̀
S õ	S ɛ̀
S ợ	S ɛ̆
S ợ	S ɛ̆
S Ụ	S E
S ụ	S E
S	S ”E
S	S ”E
S Ứ	S ”E
S ứ	S ”E
S Ừ	S ṅ
S ừ	S ṅ
S	S n̈
S	S n̈
S Ữ	S ń̈
S ữ	S ń̈
S Ự	S n̈̆
S ự	S n̈̆
S Ỳ	S Ħ
S ỳ	S Ħ
S Ɏ	S ”Ħ
S ɏ	S ”Ħ
S	S ”Ħ
S	S ”Ħ
S Ȳ	S ̋Ħ
S ȳ	S ̋Ħ
S ȧ	S i
S ȧ	S i
S ä	S î
S ä	S î
S ă	S ĭ
S ă	S ĭ
S ǎ	S ĩ
S ǎ	S ĩ
S A	S I
S A	S I
S ”A	S ”I
S ”A	S ”I
S ”A	S ”I
S ”A	S ”I
S ̃A	S ̃I
S ̃A	S ̃I

S ȯ	S ǹ
S ȯ	S ń
S ȍ	S ì
S ȍ	S í
S ŏ	S ò
S ŏ	S ó
S ʊ̀	S ù
S ʊ̀	S ú
S ʼʊ	S ẁ
S ʼʊ	S ẃ
S ʼʊ	S ɑ̀
S ʼʊ	S ɑ̇
S ʋ̀	S ɑ̏
S ʋ̀	S ɑ̏
S ʋ̀	S ɑ̆
S ʋ̀	S ɑ̆
S ʋ̆	S ɑ̃
S ʋ̆	S ɑ̃
S ʋ̌	S Ą
S ʋ̌	S Ą
S ˊY	S ʼĄ
S ˝Y	S ʼĄ
S ˝Y	S ʼĄ
S ˜Y	S ʼĄ
S ẁ	S Ą̃
S ẁ	S Ą̃
S ẅ	S ṅ
S ẅ	S ṅ
S ŵ	S ṇ̈
S ŵ	S ṇ̈
S ẘ	S ń̃
S ẘ	S ń̃
S ʊ̀	S ň̃
S ʊ̀	S ň̃
S ʼʊ	S Ḥ
S ʼʊ	S Ḥ
S ʼʊ	S ˝Ḥ
S ʼʊ	S ˝Ḥ
S ʊ̆	S ˝Ḥ
S ʊ̆	S ˝Ḥ
S à	S ˜Ḥ
S á	S ˜Ḥ
S è	S ẇ
S é	S ẇ

S ụ̃	S Ɪ̀
S ụ̃	S Ɪ́
S ṷ̃	S ʊ̆
S ṷ̃	S ʊ̄
S ṷ̃	S ʊ̀
S ṷ̃	S ʊ́
S ọ̣	S ṗ
S ọ̣	S ṗ
S ʾọ̣	S ṽ
S ʾọ̣	S ṽ̃
S ʾọ̣	S Y̆
S ʾọ̣	S Ȳ
S ʾọ̣	S Ỳ
S ʾọ̣	S Ý
S ᾰ	S Ᵽ
S ᾱ	S ẉ̀
S ὰ	S ẉ
S α	S ẉ́
S ά	S ẉ̃
S ᾶ	S ẉ̃
S ᾳ	S ʿŏ
S Ā	S ʊ
S Ā	S ʿṇ
S Ὰ	S ṇ
S Ά	S ọ
S Ạ	S
S ǹ	S
S ŋ	S
S ń	S
S ñ	S Ɽ
S ṇ̃	S
S Ὲ	S
S Έ	S
S Ὴ	S
S Ή	S
S Ḥ	S
S ĭ	S
S ī	S
S ì	S
S í	S fi
S ĩ	S fl
S ị̃	S
S Ĭ	S
S Ī	S

S			S ز	
S			S ڗ	
S			**shchars**	data table
S			**shcodes**	data table
S			**showstring**	function
S			**specialchars**	data table
S			**specials**	data table
S			**subscripts**	table
S			**superscripts**	table
S			**synonyms**	data table
S			**tex**	table
S				
S			D accentmapping	
S			D commandmapping	
S			F defineaccents	
S			F safechar	
S			F toutf	
S			F toutfpattern	
S				
S			**textclasses**	table
S			**tonumber**	function
S			**ucchars**	data table
S			**uccode**	function
S			**uccodes**	data table
S			**uhash**	table
S			S a	
S			S b	
S			S c	
S			S d	
S			S e	
S			S f	
S			S g	
S			S h	
S			S i	
S			S j	
S			S k	
S			S l	
S Ῑ			S m	
S l̃			S n	
S Ỉ			S o	
S l̂			S p	
S ۏ			S q	
S ۏ			S r	
S ׀			S s	
S ļ			S t	
S ئ			S u	
S ئ				

S v	S č
S w	S đ
S x	S đ
S y	S ē
S z	S ĕ
S µ	S ė
S ß	S ę
S à	S ě
S á	S ĝ
S â	S ğ
S ã	S ġ
S ä	S ǵ
S å	S ĥ
S æ	S ħ
S ç	S ĩ
S è	S ī
S é	S ĭ
S ê	S į
S ë	S ı
S ì	S ij
S í	S ĵ
S î	S ķ
S ï	S ĺ
S ð	S ļ
S ñ	S ľ
S ò	S ŀ
S ó	S ł
S ô	S ń
S õ	S ņ
S ö	S ň
S ø	S ŋ
S ù	S ō
S ú	S ŏ
S û	S ő
S ü	S œ
S ý	S ŕ
S þ	S ŗ
S ÿ	S ř
S ā	S ś
S ă	S ŝ
S ą	S ş
S ć	S š
S ĉ	S ţ
S ċ	S ť

S ɫ	S ù
S ũ	S ə
S ū	S ã̄
S ŭ	S ã̆
S ů	S ǣ
S ű	S
S ų	S ğ
S ŵ	S ƙ́
S ŷ	S ọ
S ź	S ǭ
S ż	S ǯ
S ž	S
S f	S ǵ
S ƀ	S ǹ
S ɓ	S
S ƀ	S ǽ
S ć	S ǿ
S đ	S à
S ƒ	S â
S ħ	S è
S ƙ	S ê
S ł	S ì
S ŋ	S î
S ơ	S ö̀
S ɋ	S ô
S ƥ	S ř̀
S ƨ	S r̂
S ƒ	S ù
S ư	S û
S y	S ş
S ƶ	S ţ
S ɛ	S ʒ
S ƽ	S ħ̃
S ƥ	S
S	S z̧
S	S ȧ
S	S ę
S ă	S ȫ
S ĭ	S ȭ
S ŏ	S ȯ
S ŭ	S ǒ̃
S ū̃	S ȳ
S ú	S ɜ
S ŭ	S

S

S

S

S ғ

S

S ɓ

S ɔ

S ɖ

S ɗ

S ə

S ɛ

S ɠ

S ɣ

S ɨ

S ɩ

S ɫ

S ɰ

S ɲ

S ɵ

S ɾ

S ʀ

S ʃ

S ʈ

S ʉ

S ʊ

S ʋ

S ʌ

S ʒ

S

S

S

S

S ά

S έ

S ή

S ί

S α

S β

S γ

S δ

S ε

S ζ

S η

S θ

S ι

S κ

S λ

S μ

S ν

S ξ

S ο

S π

S ρ

S ς

S σ

S τ

S υ

S φ

S χ

S ψ

S ω

S ï

S ü

S ó

S ú

S ώ

S ɞ

S ɵ

S ɸ

S ɰ

S ǫ

S ç

S ʄ

S ʖ

S ʎ

S

S

S

S

S

S

S ӿ

S ǫ

S c

S ϵ

S þ

S ʍ

S а	S ќ
S б	S ѝ
S в	S ў
S г	S џ
S д	S
S е	S ѣ
S ж	S
S з	S
S и	S
S й	S
S к	S
S л	S
S м	S
S н	S ѳ
S о	S
S п	S
S р	S
S с	S
S т	S
S у	S
S ф	S
S х	S
S ц	S
S ч	S
S ш	S ґ
S щ	S ғ
S ъ	S ҕ
S ы	S җ
S ь	S ҙ
S э	S қ
S ю	S
S я	S
S è	S
S ё	S ҥ
S ђ	S ң
S ѓ	S
S є	S
S ѕ	S ҫ
S і	S ҭ
S ї	S ү
S ј	S ұ
S љ	S ҳ
S њ	S
S ћ	S

S

S h

S

S

S ǯ

S ʞ

S

S ŋ

S

S ɥ

S

S l

S ă

S ä

S æ

S ĕ

S ə

S ə̈

S ǯ̈

S ӟ

S ʒ

S ӣ

S й

S ö

S ɵ

S ӧ

S ӟ

S ȳ

S ÿ

S ў

S ӱ

S ɾ

S ӹ

S

S

S

S

S

S

S

S

S

S

S ɛ

S

S ɯ

S ρ

S q

S ɳ

S ƭ

S q

S Ɫ

S ɲ

S ɸ

S ɗ

S ɦ

S ʟ

S ǀu

S ð

S ɥ

S h

S ð

S ŋ

S ɓ

S ʊ

S ɟ

S ʋ

S ʔ

S n

S ʓ

S ɰ

S ʕ

S ɲ

S u

S ɥ

S ɰ

S ɳ

S g

S ʟ

S ɸ

S ρ

S o

S ɖ

S

S ą

S ɓ

S ḅ

S ḅ S ṟ
S ç S ṡ
S đ S ṣ
S ḍ S
S ḏ S
S ḑ S ṩ
S ḓ S ṫ
S S ṭ
S S ṯ
S ẹ S ṱ
S ẹ S ụ
S ĕ S ṳ
S ḟ S ṵ
S ḡ S ú
S ḣ S
S ḥ S ṽ
S ḧ S ṿ
S ḩ S ẁ
S ḫ S ẃ
S ị S ẅ
S S ẇ
S ḱ S ẉ
S ḳ S ẋ
S ḵ S ẍ
S ḷ S ẏ
S ḹ S ẑ
S ḻ S ẓ
S ḽ S ẕ
S ḿ S ẗ
S ṁ S ạ
S ṃ S
S ṅ S
S ṇ S
S ṉ S
S ṋ S ậ
S ó S
S S ằ
S S
S S
S ṕ S ẵ
S ṗ S ẹ
S ṙ S
S ṛ S ẽ
S ṝ

S
S
S
S
S ệ
S
S ị
S ọ
S
S
S
S
S
S ộ
S ớ
S ờ
S
S ỡ
S ợ
S ụ
S
S ứ
S ừ
S
S ữ
S ự
S ỳ
S ỵ
S
S ỹ
S ἀ
S ἁ
S ἂ
S ἃ
S ἄ
S ἅ
S ἆ
S ἇ
S ἐ
S ἑ
S ἒ
S ἓ
S ἔ
S ἕ

S ἠ
S ἡ
S ἢ
S ἣ
S ἤ
S ἥ
S ἦ
S ἧ
S ἰ
S ἱ
S ἲ
S ἳ
S ἴ
S ἵ
S ἶ
S ἷ
S ὀ
S ὁ
S ὂ
S ὃ
S ὄ
S ὅ
S ὐ
S ὑ
S ὒ
S ὓ
S ὔ
S ὕ
S ὖ
S ὗ
S ὠ
S ὡ
S ὢ
S ὣ
S ὤ
S ὥ
S ὦ
S ὧ
S ὰ
S ά
S ὲ
S έ
S ὴ
S ή
S ὶ
S ί
S ὸ
S ό

S ὺ	S
S ύ	S
S ὼ	S
S ώ	S
S ἀ̇	S
S ἀ̣	S
S ą̇	S
S ą̣	S
S ᾰ̇	S
S ᾰ̣	S
S ᾰ̃	S
S ᾰ̰	S
S ṅ	S
S ṇ	S
S ñ̇	S
S ṇ̃	S
S ň̇	S
S ṇ̌	S
S ñ̃	S
S ñ̰	S
S ẇ	S
S ẉ	S
S w̃	S
S w̰	S
S w̆̇	S
S ẉ̆	S
S w̆̃	S
S w̰̆	S
S ᾰ	S
S ᾱ	S
S ą	S
S .	S
S ŋ	S
S ῐ	S
S ῑ	S
S ῠ	S
S ῡ	S
S ṗ	S
S ω	S
S	S
S	S
S	S
S	S
S	S

s	s
s	s
s	s
s	s
s	s ⊢
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s
s	s

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

S

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

s

unicodechar   function
upper   function

chemistry (context)

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

commands (context)

Alphabetic	function	**applytofirstcharacter**	function
Character	function	**applytowords**	function
Characters	function	**assignbuffer**	function
MPc	function	**attachproperty**	function
MPd	function	**autofinishstructurelevels**	function
MPh	function	**autonextspace**	function
MPll	function	**autonextstructurelevel**	function
MPlr	function	**autosetups**	function
MPls	function	**autostarttext**	function
MPn	function	**autostoptext**	function
MPp	function	**averagecharwidth**	function
MPpardata	function	**bcolumn**	function
MPplus	function	**boolcase**	function
MPpos	function	**boxtostring**	function
MPposset	function	**btx_a_f**	function
MPr	function	**btx_a_i**	function
MPrest	function	**btx_a_j**	function
MPrs	function	**btx_a_s**	function
MPul	function	**btx_a_v**	function
MPur	function	**btxabbreviatedjournal**	function
MPw	function	**btxaddjournal**	function
MPx	function	**btxauthor**	function
MPxy	function	**btxauthorfield**	function
MPxywhd	function	**btxcollectlistentries**	function
MPy	function	**btxdetail**	function
Romannumerals	function	**btxdoif**	function
abjadnodotnumerals	function	**btxdoifelse**	function
abjadnumerals	function	**btxdoifelseuservariable**	function
addbtxentry	function	**btxdoifnot**	function
addcounter	function	**btxexpandedjournal**	function
addlinklistelement	function	**btxfetchlistentries**	function
addreplacements	function	**btxfield**	function
addtojavascriptpreamble	function	**btxfieldname**	function
addtolist	function	**btxfieldtype**	function
allinputpaths	function	**btxflush**	function
alphabetic	function	**btxflushlistentries**	function
analysefloatmethod	function	**btxflushpages**	function
analyzeitemgroup	function	**btxfoundname**	function
analyzelist	function	**btxfoundtype**	function
analyzeregister	function	**btxhandlecite**	function
applytochars	function	**btxhandlenocite**	function

btxlistvariant	function	**currentreferencedefault**	function
btxloadjournallist	function	**currentreferenceorder**	function
btxpreparelistentries	function	**currentregime**	function
btxsavedataset	function	**currentsectiontolist**	function
btxsavejournallist	function	**datasetvariable**	function
btxsingularorplural	function	**dayname**	function
btxtoregister	function	**deferredproperty**	function
btxuservariable	function	**defineattribute**	function
buildtextaccent	function	**definebreakpoint**	function
character	function	**definebreakpoints**	function
characters	function	**definecatcodetable**	function
chardescription	function	**definecharacterspacing**	function
checkcharactersinfont	function	**definechemical**	function
checkcountersetup	function	**defineconversion**	function
checkedconversion	function	**definecounter**	function
checkedpagefloat	function	**definedviewerlayer**	function
checkinjector	function	**definefallbackfamily**	function
checktwopassdata	function	**definefield**	function
chemicalcomponent	function	**definefieldset**	function
chineseallnumerals	function	**definefilefallback**	function
chinesecapnumerals	function	**definefilesynonym**	function
chinesenumerals	function	**definefont_one**	function
cleanfontname	function	**definefont_two**	function
cleanupbox	function	**definefontfamily**	function
cleanuplayers	function	**definefontfeature**	function
clonefield	function	**definefontsolution**	function
collectfloat	function	**definehyphenationfeatures**	function
collecthelp	function	**defineinsertion**	function
colorcomponents	function	**defineintermediatecolor**	function
concatcommalist	function	**definelabels**	function
consultfloat	function	**definelanguage**	function
convertbtxdatasettoxml	function	**definelinkedlist**	function
converteddimen	function	**definemarking**	function
copyposition	function	**definemetafont**	function
cos	function	**definemultitonecolor**	function
cosd	function	**definenote**	function
countervalue	function	**defineparallel**	function
counttwopassdata	function	**defineparbuilder**	function
ctxfunction	function	**defineprocesscolor**	function
currentcomponent	function	**defineprogram**	function
currentdate	function	**definereference**	function
currentenvironment	function	**defineregister**	function
currentproduct	function	**definesectionlevels**	function
currentproject	function	**defineselectfont**	function

definesnapmethod	function	**doiffieldelse**	function
definespotcolor	function	**doiffieldsetelse**	function
definestructureblock	function	**doiffiledefinedelse**	function
definestructureset	function	**doiffileexistelse**	function
definetransparency	function	**doiffirstcharelse**	function
definetwopasslist	function	**doifinputfileelse**	function
defineviewerlayer	function	**doifinsetelse**	function
defrostrandomseed	function	**doifleapyearelse**	function
depthnumber	function	**doiflisthasentry**	function
digits	function	**doiflisthasnumberelse**	function
disableautofontscript	function	**doiflisthaspageelse**	function
disableparbuilder	function	**doiflisthastitleelse**	function
disableregime	function	**doiflocfileelse**	function
disablespellchecking	function	**doifnot**	function
discardfromlist	function	**doifnotcounter**	function
doanalyzeframedbox	function	**doifnotecontent**	function
doif	function	**doifnoteonsamepageasprevious**	function
doifblackelse	function	**doifobjectreferencefoundelse**	function
doifcommonelse	function	**doifolderversionelse**	function
doifcounter	function	**doifoverlappingelse**	function
doifdimenstringelse	function	**doifparentfileelse**	function
doifdrawingblackelse	function	**doifpathexistelse**	function
doifelse	function	**doifposition**	function
doifelsebuffer	function	**doifpositionelse**	function
doifelsecontinuewithfile	function	**doifpositiononpage**	function
doifelseconverter	function	**doifpositionsonsamepageelse**	function
doifelsecounter	function	**doifpositionsonthispageelse**	function
doifelsecurrentfonthasfeature	function	**doifurldefinedelse**	function
doifelseintwopassdata	function	**doprocesstypescriptfile**	function
doifelsemarking	function	**doreshapeframedbox**	function
doifelsemessage	function	**dostarttextfile**	function
doifelsemultipar	function	**dostoptextfile**	function
doifelseparallel	function	**ecolumn**	function
doifelsepositionsused	function	**elapsedtime**	function
doifelserangeonpage	function	**enableautofontscript**	function
doifelsereference	function	**enablecolor**	function
doifelsesavedfloat	function	**enablecolorintents**	function
doifelsespaces	function	**enablecrlf**	function
doifelseutfmathabove	function	**enablefontcolorschemes**	function
doifelseutfmathaccent	function	**enableparbuilder**	function
doifelseutfmathbelow	function	**enableregime**	function
doifelseutfmathfiller	function	**enablespellchecking**	function
doifelsevisualizer	function	**enabletransparency**	function
doiffieldcategoryelse	function	**enhancelinkedlist**	function

enhancelist	function	**fontcollectionreport**	function
enhancereference	function	**fontcollectionreset**	function
enhanceregister	function	**fontlookupgetkey**	function
erasebuffer	function	**fontlookupgetkeyofindex**	function
expandcurrentreference	function	**fontlookupinitialize**	function
exportformdata	function	**fontlookupnoffound**	function
exportreferences	function	**forceendjob**	function
extendregister	function	**forcequitjob**	function
extensiblecode	function	**format**	function
feature	function	**formatcolor**	function
featureattribute	function	**formatgray**	function
featurelist	function	**freezerandomseed**	function
feedback	function	**from**	function
fetchallmarks	function	**getbidimode**	function
fetchmultipar	function	**getbodyfontsizes**	function
fetchmultishape	function	**getbuffer**	function
fetchonemark	function	**getbufferctxlua**	function
fetchposboxes	function	**getbuffermkvi**	function
fetchtwomarks	function	**getcommandline**	function
figurefilename	function	**getctxfile**	function
figurefilepath	function	**getcurrentprefixspec**	function
figurefiletype	function	**getcurrentreferencemetadata**	function
figurerequest	function	**getcurrentsectionlevel**	function
figurestatus	function	**getdefaultfieldvalue**	function
figureused	function	**getelementtag**	function
figurevariable	function	**getfieldcategory**	function
filterdefaultreference	function	**getfirstcharacter**	function
filterreference	function	**getfirsttwopassdata**	function
finalizebox	function	**getfloatvariable**	function
findtwopassdata	function	**getfullsectionnumber**	function
firstcountervalue	function	**getinternallistreference**	function
firstinset	function	**getinternalreference**	function
firstofrange	function	**getlasttwopassdata**	function
flushfloat	function	**getmarking**	function
flushmarked	function	**getmessage**	function
flushnotes	function	**getmpextensions**	function
flushpostponedblocks	function	**getnotestate**	function
flushpostponednotes	function	**getplaceholderchar**	function
fontchar	function	**getprivatechar**	function
fontcharbyindex	function	**getprogram**	function
fontcollectionclone	function	**getrandomcounta**	function
fontcollectiondefine	function	**getrandomcountb**	function
fontcollectionprepare	function	**getrandomseed**	function
fontcollectionregister	function	**getreadfilename**	function

getsectionnumber	function	**listgroupindex**	function
getstructuredata	function	**listlabel**	function
getsubstring	function	**listlocation**	function
gettexbuffer	function	**listprefixednumber**	function
gettwopassdata	function	**listprefixedpage**	function
gettwopassdatalist	function	**listrealpage**	function
geturl	function	**listsize**	function
grabbuffer	function	**listtitle**	function
hboxtovbox	function	**listuserdata**	function
helpaction	function	**loadbtxdefinitionfile**	function
helpreference	function	**loadexamodes**	function
hexstringtonumber	function	**loadfontgoodies**	function
horizontalcode	function	**loadspellchecklist**	function
hour	function	**loadtypescriptfile**	function
hyphenatedlist	function	**loadvisualizer**	function
hyphenatedurl	function	**locatefilepath**	function
		locfilename	function
D characters		**lower**	function
N lefthyphenmin		**makeactive**	function
D mapping		**manipulated**	function
N righthyphenmin		**markfonts**	function
F setcharacters		**markingnumber**	function
immediateproperty	function	**markingtitle**	function
incrementedcounter	function	**markinjector**	function
initializetexdirectives	function	**markregionbox**	function
initializetextrackers	function	**math_frac**	function
injectcurrentreference	function	**mathrenderset**	function
injectreference	function	**minute**	function
inlinechemical	function	**mixcleanup**	function
insertattachment	function	**mixfinalize**	function
insertcomment	function	**mixflushlist**	function
insertfield	function	**mixflushrest**	function
insertionnumber	function	**mixgetsplit**	function
insertrenderingwindow	function	**mixsetsplit**	function
insertsoundclip	function	**mixstate**	function
installedlanguages	function	**molecule**	function
installtexdirective	function	**month**	function
installtextracker	function	**monthmnem**	function
languagenumber	function	**monthname**	function
lastcountervalue	function	**mpcolor**	function
lchexnumber	function	**mpoptions**	function
lchexnumbers	function	**mprunvar**	function
leapyear	function	**namedstructureuservariable**	function
linenumbersstageone	function	**namedstructurevariable**	function
linenumbersstagetwo	function		

nbfs	function	F NR
nextcountervalue	function	F ParsedXmlSnippetCdata
nextparallel	function	F ParsedXmlSnippetComment
nofdays	function	F ParsedXmlSnippetDoctype
nofstackedfloats	function	F ParsedXmlSnippetElement
notedeltapage	function	F ParsedXmlSnippetInstruction
notelistindex	function	F ParsedXmlSnippetKey
notenumberpage	function	F ParsedXmlSnippetValue
noteprefixednumber	function	F TexSnippet
notesymbolpage	function	F TexSnippetBoundary
notetitle	function	F TexSnippetComment
ntimes	function	F TexSnippetGroup
number	function	F TexSnippetName

F C   F TexSnippetSpecial

F FL   F XmlSnippet

F HL   F XmlSnippetBoundary

F L   F XmlSnippetCdata

F LL   F XmlSnippetComment

F LuaSnippet   F XmlSnippetEntity

F LuaSnippetBoundary   F XmlSnippetEqual

F LuaSnippetComment   F XmlSnippetKey

F LuaSnippetName   F XmlSnippetName

F LuaSnippetNameBase   F XmlSnippetString

F LuaSnippetNameCore   F __flush

F LuaSnippetNameLibraries   F __flushdirect

F LuaSnippetQuote   F __flushlines

F LuaSnippetSpecial   F a

F LuaSnippetString   F addaskedblankskip

F ML   F addpredefinedblankskip

F MPLIBsetCtext   F applyprocessor

F MPLIBsetNtext   F b

F MPcolor   F beginhbox

F MetapostSnippet   F beginvbox

F MetapostSnippetBoundary   F bf

F MetapostSnippetComment   F bgroup

F MetapostSnippetConstructor   F blank

F MetapostSnippetName   F bold

F MetapostSnippetNameMetafun   F btxchecklistcombi

F MetapostSnippetNamePlain   F btxchecklistentry

F MetapostSnippetNamePrimitive   F btxciteauthorsetup

F MetapostSnippetQuote   F btxcitesetup

F MetapostSnippetSpecial   F btxcitevariantparameter

F MetapostSnippetString   F btxdirectlink

F NC   F btxflushauthor

F btxhandlelistentry	F btxstopcite
F btxhandlelisttextentry	F btxstopciteauthor
F btxlistauthorsetup	F btxstopsubcite
F btxlistparameter	F c
F btxlistsetup	F callfunctiononce
F btxlistvariantparameter	F char
F btxpagesetup	F chardef
F btxsetafter	F color
F btxsetauthorindex	F colordefagc
F btxsetauthorvariant	F colordefagt
F btxsetbacklink	F colordefalc
F btxsetbacktrace	F colordefalt
F btxsetbefore	F colordeffgc
F btxsetcategory	F colordeffgt
F btxsetcitereference	F colordefflc
F btxsetcombis	F colordefflt
F btxsetconcat	F colordefrgc
F btxsetcount	F colordefrgt
F btxsetdataset	F colordefrlc
F btxsetfirst	F colordefrlt
F btxsetfirstinternal	F concat
F btxsetfirstnames	F constructcs
F btxsetfirstpage	F constructcsonly
F btxsetinitials	F convertnumber
F btxsetinternal	F ctxreport
F btxsetjuniors	F d
F btxsetlanguage	F definefontsynonym
F btxsetlastinternal	T delayed
F btxsetlastpage	F digitsdigit
F btxsetlefttext	F digitsfinalcomma
F btxsetlistreference	F digitsfinalperiod
F btxsetnumber	F digitshighspace
F btxsetoverflow	F digitsintermediatecomma
F btxsetrighttext	F digitsintermediateperiod
F btxsetsecond	F digitsminus
F btxsetsurnames	F digitsnegative
F btxsettag	F digitsplus
F btxsetthird	F digitspositive
F btxsetvons	F digitspower
F btxstartauthor	F digitspowerminus
F btxstartcite	F digitspowerplus
F btxstartciteauthor	F digitsseparatorspace
F btxstartsubcite	F digitssignspace
F btxstopauthor	F digitsspace

F digitszeropadding

F direct

F doactivateinjector

F dodisplayverbatimbeginline

F dodisplayverbatimemptyline

F dodisplayverbatiminitialize

F dodisplayverbatimnewline

F dodisplayverbatimstart

F dodisplayverbatimstop

F dofastdefinetypeface

F dofinishsomereference

F doflushparallel

F dofromfiledescription

F dofromfileliteral

F dofromurldescription

F dofromurlliteral

F doinlineverbatimbeginline

F doinlineverbatimemptyline

F doinlineverbatimnewline

F doinlineverbatimstart

F doinlineverbatimstop

F domarkinjector

F donestedtypingstart

F donestedtypingstop

F dosetfastregisterentry

F dostarttext

F doverbatimspace

F egroup

F emptyreference

F enablemode

F endhbox

F endvbox

F environment

F expandreferencearguments

F expandreferenceoperation

F finalizeautostructurelevel

F finishjob

F firstofoneargument

F firstoftwoarguments

F fixedblankskip

F flexibleblankskip

F flushblankhandling

F flushboxregister

F flushnode

F fntsetdefname

F fntsetnopsize

F fntsetsomename

F fntsetsomesize

T formatted

  F monobold

F fprint

T generics

  S starttabulate

  S stoptabulate

F getlogger

F getreferencestructureprefix

F getvalue

F glyph

F gobbleoneargument

F goto

F hrule

F input

T knownfunctions

F l

F lateluafunction

F letvaluerelax

F llap

F loadfile

F loadfoundtypescriptfile

F luasetup

F m

F makelinenumber

T metafun

  F color

  T delayed

  F start

  F stop

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	startLuaSnippet
F	nointerlineskip	F	startMetapostSnippet
F	normalatop	F	startParsedXmlSnippet
F	normalover	F	startTexSnippet
F	overstrike	F	startXmlSnippet
F	par	F	startblankhandling
F	pdfliteral	F	startcolumns
F	popcatcodes	F	startcomponentindeed
F	poplogger	F	startenvironmentindeed
F	printlines	F	startfontclass
F	processfilemany	F	starthboxregister
F	processfilenone	F	startproductindeed
F	processfileonce	F	startprojectindeed
F	protect	F	startreadingfile
T	puretext	F	startregisterentries
F	pushcatcodes	F	startregisterentry
F	pushlogger	F	startregisteroutput
F	registerentry	F	startregisterpages
F	registerfunction	F	startregistersection
F	registeronepage	F	startregisterseewords
F	registerpagerange	F	starttabulate
F	registerseeword	F	starttext
F	reservefunction	F	starttitle
F	rlap	F	startvboxregister
F	rotate	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 LL
F LuaSnippet
F LuaSnippetBoundary
F LuaSnippetComment
F LuaSnippetName
F LuaSnippetNameBase
F LuaSnippetNameCore
F LuaSnippetNameLibraries
F LuaSnippetQuote
F LuaSnippetSpecial
F LuaSnippetString
F ML
F MPLIBsetCtext
F MPLIBsetNtext
F MPcolor
F MetapostSnippet
F MetapostSnippetBoundary
F MetapostSnippetComment
F MetapostSnippetConstructor
F MetapostSnippetName
F MetapostSnippetNameMetafun
F MetapostSnippetNamePlain
F MetapostSnippetNamePrimitive
F MetapostSnippetQuote
F MetapostSnippetSpecial
F MetapostSnippetString
F NC
F NR
F ParsedXmlSnippetCdata
F ParsedXmlSnippetComment
F ParsedXmlSnippetDoctype
F ParsedXmlSnippetElement
F ParsedXmlSnippetInstruction
F ParsedXmlSnippetKey
F ParsedXmlSnippetValue
F TexSnippet
F TexSnippetBoundary
F TexSnippetComment
F TexSnippetGroup
F TexSnippetName
F TexSnippetSpecial
F XmlSnippet
F XmlSnippetBoundary
F XmlSnippetCdata

F XmlSnippetComment
F XmlSnippetEntity
F XmlSnippetEqual
F XmlSnippetKey
F XmlSnippetName
F XmlSnippetString
F __flush
F __flushdirect
F __flushlines
F a
F addaskedblankskip
F addpredefinedblankskip
F applyprocessor
F b
F beginhbox
F beginvbox
F bf
F bgroup
F blank
F bold
F btxchecklistcombi
F btxchecklistentry
F btxciteauthorsetup
F btxcitesetup
F btxcitevariantparameter
F btxdirectlink
F btxflushauthor
F btxhandlelistentry
F btxhandlelisttextentry
F btxlistauthorsetup
F btxlistparameter
F btxlistsetup
F btxlistvariantparameter
F btxpagesetup
F btxsetafter
F btxsetauthorindex
F btxsetauthorvariant
F btxsetbacklink
F btxsetbacktrace
F btxsetbefore
F btxsetcategory
F btxsetcitereference
F btxsetcombis
F btxsetconcat

F btxsetcount	F colordefrgt
F btxsetdataset	F colordefrlc
F btxsetfirst	F colordefrlt
F btxsetfirstinternal	F concat
F btxsetfirstnames	F constructcs
F btxsetfirstpage	F constructcsonly
F btxsetinitials	F convertnumber
F btxsetinternal	F ctxreport
F btxsetjuniors	F d
F btxsetlanguage	F definefontsynonym
F btxsetlastinternal	T delayed
F btxsetlastpage	F digitsdigit
F btxsetlefttext	F digitsfinalcomma
F btxsetlistreference	F digitsfinalperiod
F btxsetnumber	F digitshighspace
F btxsetoverflow	F digitsintermediatecomma
F btxsetrighttext	F digitsintermediateperiod
F btxsetsecond	F digitsminus
F btxsetsurnames	F digitsnegative
F btxsettag	F digitsplus
F btxsetthird	F digitspositive
F btxsetvons	F digitspower
F btxstartauthor	F digitspowerminus
F btxstartcite	F digitspowerplus
F btxstartciteauthor	F digitsseparatorspace
F btxstartsubcite	F digitssignspace
F btxstopauthor	F digitsspace
F btxstopcite	F digitszeropadding
F btxstopciteauthor	F direct
F btxstopsubcite	F doactivateinjector
F c	F dodisplayverbatimbeginline
F callfunctiononce	F dodisplayverbatimemptyline
F char	F dodisplayverbatiminitialize
F chardef	F dodisplayverbatimnewline
F color	F dodisplayverbatimstart
F colordefagc	F dodisplayverbatimstop
F colordefagt	F dofastdefinetypeface
F colordefalc	F dofinishsomereference
F colordefalt	F doflushparallel
F colordeffgc	F dofromfiledescription
F colordeffgt	F dofromfileliteral
F colordefflc	F dofromurldescription
F colordefflt	F dofromurlliteral
F colordefrgc	F doinlineverbatimbeginline

F doinlineverbatimemptyline	F input
F doinlineverbatimnewline	T knownfunctions
F doinlineverbatimstart	F l
F doinlineverbatimstop	F lateluafunction
F domarkinjector	F letvaluerelax
F donestedtypingstart	F llap
F donestedtypingstop	F loadfile
F dosetfastregisterentry	F loadfoundtypescriptfile
F dostarttext	F luasetup
F doverbatimspace	F m
F egroup	F makelinenumber
F emptyreference	T metafun
F enablemode	F color
F endhbox	T delayed
F endvbox	F start
F environment	F stop
F expandreferencearguments	T nested
F expandreferenceoperation	F markingcommand
F finalizeautostructurelevel	F markingseparator
F finishjob	F newbox
F firstofoneargument	F newcount
F firstoftwoarguments	F newdimen
F fixedblankskip	F newindexer
F flexibleblankskip	F newmuskip
F flushblankhandling	F newskip
F flushboxregister	F newtexthandler
F flushnode	F newtoks
F fntsetdefname	F newverbosehandler
F fntsetnopsize	F nointerlineskip
F fntsetsomename	F normalatop
F fntsetsomesize	F normalover
T formatted	F overstrike
F monobold	F par
F fprint	F pdfliteral
T generics	F popcatcodes
S starttabulate	F poplogger
S stoptabulate	F printlines
F getlogger	F processfilemany
F getreferencestructureprefix	F processfilenone
F getvalue	F processfileonce
F glyph	F protect
F gobbleoneargument	T puretext
F goto	F pushcatcodes
F hrule	F pushlogger

F registerentry	F startregisterpages
F registerfunction	F startregistersection
F registeronepage	F startregisterseewords
F registerpagerange	F starttabulate
F registerseeword	F starttext
F reservefunction	F starttitle
F rlap	F startvboxregister
F rotate	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 startLuaSnippet	F stopregisterseewords
F startMetapostSnippet	F stoptabulate
F startParsedXmlSnippet	F stoptext
F startTexSnippet	F stoptitle
F startXmlSnippet	F stopvboxregister
F startblankhandling	F stopxtitle
F startcolumns	F storenode
F startcomponentindeed	F synonymentry
F startenvironmentindeed	F tabulaterow
F startfontclass	F tabulaterowbold
F starthboxregister	F tabulaterowtyp
F startproductindeed	F tabulaterowtype
F startprojectindeed	F template
F startreadingfile	T templates
F startregisterentries	F texsetup
F startregisterentry	F tobuffer
F startregisteroutput	F tocontext

objectnumber	function
objectpage	function
octnumber	function
octstringtonumber	function
oneorrange	function
ordinal	function
overloadbookmark	function
page_injections_flush_after	function
page_injections_flush_before	function
page_injections_save	function
pagestaterealpage	function
parpos	function
pdfrotation	function
pdfstartmatrix	function
pdfstartmirroring	function
pdfstartrotation	function
pdfstartscaling	function
pdfstopmatrix	function
pdfstopmirroring	function
pdfstoprotation	function
pdfstopscaling	function
percentageof	function

pgfxcolorspec	function	**rawdate**	function
placeparallel	function	**referencepagestate**	function
popfloat	function	**referencerealpage**	function
pophyphenation	function	**registerattachment**	function
popitaliccorrection	function	**registerbodyfontsize**	function
poplist	function	**registerbookmark**	function
popreferenceprefix	function	**registerbtxcitevariant**	function
popregime	function	**registerbtxlistvariant**	function
popsectionblock	function	**registerbuttons**	function
pos	function	**registercatcodetable**	function
posplus	function	**registercolor**	function
posstrut	function	**registercolorintent**	function
postponenotes	function	**registeredviewerlayer**	function
poswhd	function	**registerhelp**	function
posxy	function	**registerhyphenationpattern**	function
prefixedconverted	function	**registeritemgroup**	function
prepareMPvariable	function	**registerlanguagefeatures**	function
preparedfile	function	**registerlinenumbering**	function
presetsymbollist	function	**registermaintextcolor**	function
presettabulate	function	**registernamespace**	function
prevcountervalue	function	**registerpostponedblock**	function
processbodyfontsizes	function	**registerrendering**	function
processbuffer	function	**registersection**	function
processcolorcomponents	function	**registersoundclip**	function
processedfile	function	**registerstructureprocessor**	function
processedfiles	function	**registersynonym**	function
processfile	function	**registertransparency**	function
processfilemany	function	**registerunit**	function
processfilenone	function	**registerusedsynonym**	function
processfileonce	function	**registeruserdata**	function
processlist	function	**relatemarking**	function
processregister	function	**remapentity**	function
processsplit	function	**removemissingcharacters**	function
processsynonyms	function	**renderingvar**	function
purefontname	function	**replacemissingcharacters**	function
pushfloat	function	**replacepospxywhd**	function
pushhyphenation	function	**reportstructure**	function
pushitaliccorrection	function	**resavefloat**	function
pushlist	function	**resetcharacteralign**	function
pushreferenceprefix	function	**resetcounter**	function
pushregime	function	**resetfontfeature**	function
pushsectionblock	function	**resetfontsolution**	function
rawcharacter	function	**resetinjector**	function
rawcountervalue	function	**resetmarking**	function

resetmathattributes	function	**setcharacterstripping**	function
resetmathitalics	function	**setclosedocumentaction**	function
resetnullfont	function	**setclosepageaction**	function
resetparallel	function	**setcolormodel**	function
resetprevdepth	function	**setcounter**	function
resetreference	function	**setdataset**	function
resetstructureprocessor	function	**setdigitsmanipulation**	function
resettimer	function	**setdirection**	function
restartcounter	function	**setdocumentenvironments**	function
restorecounter	function	**setdocumentfilenames**	function
restorecurrentattributes	function	**setdocumentmodes**	function
restorenote	function	**setdocumentmodules**	function
romannumerals	function	**setelementuserproperties**	function
runbuffer	function	**setfigurelookuporder**	function
safechar	function	**setfirstline**	function
savebuffer	function	**setfontfeature**	function
savecounter	function	**setfontofid**	function
savecurrentattributes	function	**setfontsolution**	function
savedlistnumber	function	**setformat**	function
savedlistprefixednumber	function	**setformsmethod**	function
savedlisttitle	function	**sethyphenationfeatures**	function
savefloat	function	**setinitial**	function
savemargindata	function	**setinjector**	function
savenote	function	**setinsertionlocation**	function
saveobject	function	**setinterfaceconstant**	function
savepagedata	function	**setinterfaceelement**	function
saveparallel	function	**setinterfacemessage**	function
savestructureblock	function	**setinterfacemessages**	function
savetaggedtwopassdata	function	**setinterfacevariable**	function
savetwopassdata	function	**setinternalreference**	function
savevariable	function	**setjobcomment**	function
second	function	**setlanguageexceptions**	function
selectstructureblock	function	**setlanguagesynonym**	function
setbreakpoints	function	**setlayer**	function
setbtxdataset	function	**setmarking**	function
setbtxentry	function	**setmathalphabet**	function
setbtxregister	function	**setmathalternate**	function
setbtxspecification	function	**setmathattribute**	function
setcharacteralign	function	**setmathdirection**	function
setcharactercasing	function	**setmathitalics**	function
setcharactercleaning	function	**setmathstyle**	function
setcharactercodes	function	**setnextinternalreference**	function
setcharacterkerning	function	**setnextreferenceorder**	function
setcharacterspacing	function	**setnotestate**	function

setnotesymbolpage	function	**setupidentity**	function
setobject	function	**setupinsertion**	function
setopendocumentaction	function	**setupitaliccorrection**	function
setopenpageaction	function	**setuplinenumbering**	function
setowncounter	function	**setvisual**	function
setpagestate	function	**setxmpfile**	function
setpagestaterealpageno	function	**showassignerror**	function
setpagetransition	function	**showattributes**	function
setparbuilder	function	**showbtxdatasetcompleteness**	function
setpos	function	**showbtxdatasetfields**	function
setrandomseed	function	**showbtxfields**	function
setrealign	function	**showbtxtables**	function
setrealspaces	function	**showcallbacks**	function
setreferencearguments	function	**showchardata**	function
setreferenceattribute	function	**showcounter**	function
setreferenceoperation	function	**showfontparameters**	function
setregistermethod	function	**showhyphenatedinlist**	function
setreplacements	function	**showhyphenationtrace**	function
setsectionblock	function	**showinjector**	function
setsectionentry	function	**showjustification**	function
setsectionlevel	function	**showmessage**	function
setsectionnumber	function	**sin**	function
setstructureblockstate	function	**sind**	function
settagaspect	function	**splitfilename**	function
settagcombination	function	**spotcolorname**	function
settagdescription	function	**spotcolorparent**	function
settagdescriptionsymbol	function	**spotcolorvalue**	function
settagfigure	function	**startactualtext**	function
settaghighlight	function	**startchemical**	function
settagitemgroup	function	**startcolorset**	function
settaglist	function	**startcomponent**	function
settagproperty	function	**startenvironment**	function
settagregister	function	**startfontsolution**	function
settagsorting	function	**startparbuilder**	function
settagsynonym	function	**startproduct**	function
settagtablecell	function	**startproject**	function
settagtabulatecell	function	**startregime**	function
setupbookmarks	function	**startsectionlevel**	function
setupcanvas	function	**starttag**	function
setupcharacterspacing	function	**starttext**	function
setupexport	function	**startviewerlayer**	function
setupfontexpansion	function	**stopactualtext**	function
setupfontprotrusion	function	**stopchemical**	function
setuphyphenation	function	**stopcolorset**	function

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

verbose	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)

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

coroutine (basic lua)

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

ctxrunner (context)

load   function
prepfiles data table
resolve   function

debug (basic lua)

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

dir (context)

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

directives (context)

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

document (context)

arguments	data table
files	table
getargument	function
getfilename	function
options	table

    T commandline

      D environments

      D modes

      D modules

    T ctxfile

      D environments

      D modes

      D modules

setargument	function
setdefaultargument	function
setfilename	function
variables	data table

environment (context)

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

epdf (extra tex)

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

experiments (context)

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

figures (context)

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

file (basic lua)

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

floats (context)

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

font (basic tex)

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

fontloader (extra tex)

apply_afmfile	function
apply_featurefile	function
close	function
fields	function
fullinfo	function
info	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 addcoreunicodes
- F aftercopyingcharacters
- F applymanipulators
- F assignmathparameters
- B autocleanup
- F beforecopyingcharacters
- D cache
- B cacheintex
- F calculatescale
- F checkedfeatures
- F checkedfilename
- F checkvirtualids
- F cleanuptable
- F collectprocessors
- D designsizes
- D dontembed
- F enhanceparameters
- N factor
- F finalize
- F getfeatureaction
- F hashfeatures
- F hashinstance
- T hashmethods
  - F normal
  - F virtual
- F initializefeatures
- T keys
  - T character
    - S depth
    - S height
    - S italic
    - S width
  - T description
    - T boundingbox
    - S depth
    - S height
    - S width

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

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

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

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

N patahquarterhebrew

N pe

N pedagesh

N qamats

N qamats10

N qamats1a

N qamats1c

N qamats27

N qamats29

N qamats33

N qamatsde

N qamatshebrew

N qamatsnarrowhebrew

N qamatsqatanhebrew

N qamatsqatannarrowhebrew

N qamatsqatanquarterhebrew

N qamatsqatanwidehebrew

N qamatsquarterhebrew

N qof

N qofdagesh

N qofhatafpatah

N qofhatafpatahhebrew

N qofhatafsegol

N qofhatafsegolhebrew

N qofhebrew

N qofhiriq

N qofhiriqhebrew

N qofholam

N qofholamhebrew

N qofpatah

N qofpatahhebrew

N qofqamats

N qofqamatshebrew

N qofqubuts

N qofqubutshebrew

N qofsegol

N qofsegolhebrew

N qofsheva

N qofshevahebrew

N qoftsere

N qubuts

N qubuts18

N qubuts25

N qubuts31

N qubutshebrew

N qubutsnarrowhebrew

N qubutsquarterhebrew

N quoteleftreversed

N rafe

N rcedilla

N reharabic

N resh

N reshhatafpatah

N reshhatafpatahhebrew

N reshhatafsegol

N reshhatafsegolhebrew

N reshhebrew

N reshhiriq

N reshhiriqhebrew

N reshholam

N reshholamhebrew

N reshpatah

N reshpatahhebrew

N reshqamats

N reshqamatshebrew

N reshqubuts

N reshqubutshebrew

N reshsegol

N reshsegolhebrew

N reshsheva

N reshshevahebrew

N reshtsere

N reviahebrew

N samekh

N samekhdagesh

N segol

N segol13

N segol1f

N segol2c

N segolhebrew

N segolnarrowhebrew

N segolquarterhebrew

N sevenarabic

N sfthyphen

N shaddaarabic

N sheqel

N sheva

N sheva115

N sheva15	N zayin
N sheva22	N zayindagesh
N sheva2e	N zdot
N shevahebrew	N zeroarabic
N shevanarrowhebrew	D unicodes
N shevaquarterhebrew	D cache
N shin	F is_known
N shindagesh	D known
N shindageshshindot	F load
N shindageshsindot	F make_unicode_vector
N shinshindot	D math
N shinsindot	N version

expansions   data table
formats   data table
goodies   table

D colorschemes	
D data	
D designsizes	
D filenames	
F getcompositions	
T list	
	F compositions
	F designsizes
	F expansions
	F featureset
	F filenames
	F files
	F mathematics
	F protrusions
	F solutions
	F treatments
	F typefaces
F load	
F prepare_features	
F register	
F registerpostprocessor	
F report	

N tav
N tavdages
N tavdagesh
N tcedilla
N tchehinitialarabic
N tet
N tetdagesh
N tevirhebrew
N thousandsseparatorarabic
N threearabic
N tildecmb
N tipehahebrew
N tsadi
N tsadidagesh
N tsere
N tsere12
N tsere1e
N tsere2b
N tserehebrew
N tserenarrowhebrew
N tserequarterhebrew
N twoarabic
N udblacute
N vav
N vavdagesh
N vavdagesh65
N vavholam
N yerahbenyomohebrew
N yod
N yoddagesh

handlers   table

T afm	
	B addkerns
	B addligatures
	B addtexligatures
	B autoprefixed
	D cache

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

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

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

T ij
  N mess
  S name
  T unicode
F reset
F tounicode
F tounicode16
F tounicode16sequence

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

F searchfiles

specifiers table

D contextmerged

F contextnumber

D contextnumbers

D contextsetups

F contexttostring

F definecontext

F mergecontext

F presetcontext

F registercontext

F showcontext

F splitcontext

D synonyms

D variants

symbols table

F uselibrary

tables table

tracers table

treatments table

F applyfixes

D data

S filename

F ignoredfile

F report

F trace

typefaces data table

functions (context)

dummy function

graphics (context)

backgrounds table

    F calculatemultipar

    F fetchmultipar

    F pair

    F path

    F point

gzip (extra lua)

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

img (basic tex)

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

interactions (context)

attachments data table
fields   table
    F clone

    F define

    F defineset

    F insert

general   table
    F getidentity

    F setupidentity

help   table
    F collect

    F reference

    F register

javascripts table
    F addtopreamble

    F code

    D codes

    F flushpreambles

    D functions

    D preambles

    F setpreamble

    F storecode

    F storepreamble

    F usepreamblenow

    F usescripts

linkedlists data table
pages   table
    F setpagetransition

    F setupcanvas

references   table
    F setclosedocument

    F setclosepage

    F setopendocument

    F setopenpage

renderings   data table
soundclips   data table

interfaces (context)

addvalidkeys	function
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
S	used
F	width
F	x
F	xy
F	y

register function
save function
structure table

D	collected
T	components
T	tobesaved
T	branches
S	name
S	type

variables table

D	checksums
D	collected
F	getchecksum
F	makechecksum
F	restore
F	save
F	setchecksum
D	tobesaved

version number

lang (basic tex)

clean	function
clear_hyphenation	function
clear_patterns	function
exceptions	function
hyphenate	function
hyphenation	function
id	function
new	function
patterns	function
postexhyphenchar	function
posthyphenchar	function
preexhyphenchar	function
prehyphenchar	function

languages (context)

associate function
associated data table
association function
counters data table
current function
data data table
define function
frequencies table
  F averagecharwidth
  F getdata
getdata function
getnumber function
hyphenate function
hyphenators table
  T dictionaries
  D featuresets
  F popmethod
  F pushmethod
  F setmethod
  T traditional
   F definefeatures
   F gettrace
   F hyphenate
   F injecthyphens
   F installmethod
   F lasttrace
   F loadpatterns
   F registerpattern
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
  F found
  F load
  T methods
  N threshold

layouts (context)

status table

    F isleftpage

    F leftorrightpagection

lfs (extra lua)

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

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

lpeg (basic lua)

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

ltn12 (extra lua)

BLOCKSIZE number
filter   table
    F chain
    F cycle
pump   table
    F all
    F step
sink   table
    F chain
    F error
    F file
    F null
    F simplify
    F table
source   table
    F cat
    F chain
    F empty
    F error
    F file
    F rewind
    F simplify
    F string

lua (basic tex)

bytecode	table
bytedata	data table
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		**flushsetups**	function
all	function		**flushspacewise**	function
applyfunction	function		~~**get_id**~~	~~function~~
att	function		**getid**	function
attribute	function		**getindex**	function
chainattribute	function		**id**	function
checkindex	function		**idsplitter**	userdata
collected	function		**include**	function
command	function		**inclusion**	function
concat	function		**inclusions**	function
concatrange	function		**index**	function
content	function		**info**	function
context	function		**inlineverbatim**	function
convert	function		**installsetup**	function
count	function		**last**	function
delete	function		**load**	function
direct	function		**loadbuffer**	function
directives	table		**loaddata**	function
F after			**loaded**	table
F before			**loadregistered**	function
F handle			**main**	function
F load			**match**	function
F setup			**name**	function
displayverbatim	function		**namespace**	function
doif	function		**nonspace**	function
doifelse	function		**pos**	function
doifelseempty	function		**position**	function
doifelsetext	function		**raw**	function
doifempty	function		**rawroot**	function
doifnot	function		**register**	function
doifnotempty	function		**registerentity**	function
doifnottext	function		**removesetup**	function
doiftext	function		**resetcdata**	function
element	function		**resetsetups**	function
elements	function		**resolvedentity**	function
entities	data table		**root**	function
filter	function		**save**	function
filterlist	function		**serialize**	function
first	function		**setaction**	function
flush	function		**setcdata**	function
flushlinewise	function		**setcommandtonone**	function

setcommandtotext	function
setsetup	function
snippet	function
sorters	table

    F add

    F compare

    F flush

    F reset

    F show

    F sort

splitid	function
startraw	function
stopraw	function
store	function
strip	function
stripped	function
tag	function
text	function
tofile	function
toparameters	function
toverbatim	function
verbatim	function
withindex	function
xmltexhandler	data table

math (basic lua)

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

mathematics (context)

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

mbox (context)

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

md5 (extra lua)

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

metapost (context)

analyzeplugins	function		**getstatistics**	function
checkformat	function		**gettext**	function
checktexts	function		**graphic**	function
collapse	boolean		**graphic_base_pass**	function
colorinitializer	function		**initializescriptrunner**	function
convert	function		**instance**	function
defaultformat	string		**intermediate**	table
defaultinstance	string		T actions	
defaultmethod	string		F makempy	
directrun	function		**lastlog**	string
edefsxsy	function		**load**	function
escaped	function		**makempy**	table
exectime	table		N nofconverted	
extensiondata	data table		F processgraphics	
filterclippath	function		F registerfile	
finder	function		**metafun**	table
flush	function		F interpolate	
flushers	table		F topath	
T pdf			**method**	number
F comment			**mptopdf**	table
F flushfigure			F convertmpstopdf	
F startfigure			N nofconverted	
F stopfigure				
F textfigure			**n**	number
flushliteral	function		**nvformat**	function
flushnormalpath	function		**optimize**	boolean
flushreset	function		**parse**	function
fonts	table		**pdfliterals**	function
F define			**pluginactions**	function
T flusher			**process**	function
F flushfigure			**processplugins**	function
F startfigure			**processspecial**	function
F stopfigure			**properties**	table
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		**runscript**	function
getextensions	function		**scripterror**	function
			setextensions	function

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

mime (extra lua)

b64   function
decode   function
decodet   table
    F base64
    F quoted-printable
dot   function
encode   function
encodet   table
    F base64
    F quoted-printable
eol   function
normalize function
qp   function
qpwrp   function
stuff   function
unb64   function
unqp   function
wrap   function
wrapt   table
    F base64
    F default
    F quoted-printable
    F text
wrp   function

mp (context)

_f_	function
boolean	function
format	function
number	function
numeric	function
pair	function
print	function
quadruple	function
quoted	function
string	function
triplet	function

mplib (extra tex)

fields   function
finders   table
   F file
get_boolean function
get_number   function
get_numeric function
get_string   function
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
copy_list	function
count	function
current_attr	function
dimensions	function
direct	table

    F copy
    F copy_list
    F count
    F current_attr
    F dimensions
    F do_ligature_n
    F end_of_math
    F first_glyph
    F flush_list
    F flush_node
    F flush_properties_table
    F free
    F get_properties_table
    F getbox
    F getchar
    F getfield
    F getfont
    F getid
    F getleader
    F getlist
    F getnext
    F getprev
    F getproperty
    F getsubtype
    F has_attribute
    F has_field
    F has_glyph
    F hpack
    F insert_after
    F insert_before
    F is_direct
    F is_node
    F last_node
    F length
    F new

    F protect_glyphs
    F protrusion_skippable
    F remove
    F set_attribute
    F set_properties_mode
    F setbox
    F setfield
    F setproperty
    F slide
    F tail
    F todirect
    F tonode
    F tostring
    F traverse
    F traverse_id
    F unprotect_glyphs
    F unset_attribute
    F usedlist
    F vpack
    F write

do_ligature_n	function
end_of_math	function
family_font	function
fields	function
first_character	function
first_glyph	function
flush_list	function
flush_node	function
flush_properties_table	function
free	function
get_properties_table	function
getchar	function
getfield	function
getfont	function
getid	function
getleader	function
getlist	function
getnext	function
getprev	function
getproperty	function
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	**load**		function
F getligaindex		**locate**		function
F handler		**margincodes**		data table
F installnewkern		**markers**		table
F reset		F get		
F setcursive		**mathcodes**		data table
F setkern		**maxboxwidth**		function
F setligaindex		**mlist_to_hlist**		function
F setmark		**new**		function
F setpair		**noadcodes**		data table
insert_after	function	**nodecodes**		data table
insert_before	function	**nopts**		function
insert_list_after	function	**nuts**		table
installattributehandler	function	F append		
is_direct	function	F concat		
is_display_math	function	F copy		
is_mirrored	data table	F copy_list		
is_node	function	F count		
is_nut	function	F current_attr		
is_rotated	data table	F delete		
kerncodes	data table	F dimensions		
kerning	function	F do_ligature_n		
keys	table	F end_of_math		
T whatsit		F fasthpack		
		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		
		F getlist		
link	function	F getnext		
linked	function	F getprev		
list	function	F getprop		
listablefields	data table	F getskip		
listcodes	data table			
listtoutf	function			

F getsubtype
F has_attribute
F has_field
F has_glyph
F hpack
F insert_after
F insert_before
F insert_list_after
F is_direct
F is_display_math
F is_node
F is_nut
F kerning
F last_node
F leftmarginwidth
F ligaturing
F link
F linked
F locate
F mlist_to_hlist
F nestedtracedslide
F new
T pool
  F baselineskip
  F cleanup
  F disc
  F fontkern
  F glue
  F gluespec
  F glyph
  F hlist
  F kern
  F latelua
  F lateluafunction
  F leftmarginkern
  F leftskip
  F lineskip
  F negatedglue
  F noad
  F pdfannotation
  F pdfdestination
  F pdfdirect
  F pdfliteral
  F pdfrestore

F pdfsave
F pdfsetmatrix
F penalty
F register
F rightmarginkern
F rightskip
F rule
F shrink
F special
F stretch
F temp
F textdir
F usage
T userids
  N margins.inline
  N property
  N splitters.one
  N splitters.two
F userlist
F usernumber
F userstring
F usertokens
F vlist
F zeroglue
F prepend
F protect_glyphs
F protrusion_skippable
F reference
F remove
F repackhlist
F replace
F rightmarginwidth
F set_attribute
F setattr
F setattribute
F setattributes
F setbox
F setfield
F setprop
F setunsetattributes
F slide
F somepenalty
F somespace
F tail

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

			F getsamples	
			F resetsamples	
protect_glyphs	function		F takesample	
protrusion_skippable	function	**somepenalty**	function
pts	function	**somespace**	function
reference	function	**stripping**	table
references	table	T glyphs	
N attribute		F set	
T done		**striprange**	function
F handler		**tail**	function
T stack		**takebox**	function
remove	function	**tasks**	table
repackhlist	function	F actions	
replace	function	F appendaction	
report	function	F disableaction	
rightmarginwidth	function	F disablegroup	
rules	table	F enableaction	
D data		F enablegroup	
F define		F freeze	
F enable		F freezegroup	
F handler		F new	
save	function	F prependaction	
serialize	function	F removeaction	
serializebox	function	F replaceaction	
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 stop
topoints	function		F stop
toscaledpoints	function		T transparencies
tosequence	function		F reset
tostring	function		F set
totable	function		F setlist
totree	function	**traverse**	function
toutf	function	**traverse_id**	function
tracers	table	**typesetters**	table
T characters		F hpack	
F collect		F tohpack	
F equal		F tohpackfast	
F start		F tonodes	
F string		F tovpack	
F unicodes		F tovpackfast	
T colors		F vpack	
F reset		**unprotect_glyphs**	function
F set		**unset_attribute**	function
F setlist		**unsetattribute**	function
F fontchar		**unsetattributes**	function
T frequencies		**usedlist**	function
F register		**vianodes**	function
T pool		**vianuts**	function
T nodes		**visualizebox**	function
F rule		**visualizers**	table
T nuts		F box	
F rule		F handler	
F resetproperties		F markfonts	
F rule		F setfont	
F setlist		F setlayer	
F setproperties		F setvisual	
F start		**vpack**	function
T steppers		**whatcodes**	data table
F check		**whatsitcodes**	data table
F codes		**writable_spec**	function
F features		**write**	function
F font			
F glyphs			
F message			
F messages			
F nofsteps			
F register			
F reset			
F start			

number (context)

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

os (basic lua)

__getenv__	function		**uname**	function
__setenv__	function		**uuid**	function
binsuffix	string		**validdate**	function
binsuffixes	table		**weekday**	function
clock	function		**where**	function
converttime	function		**which**	function
date	function			
difftime	function			
env	data table			
exec	overloaded function			
execute	overloaded function			
exit	function			
fulltime	function			
getenv	overloaded function			
gettimeofday	function			
isleapyear	function			
launch	function			
libsuffix	string			
localtime	function			
name	string			
nofdays	function			
now	function			
platform	string			
remove	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	**enhancers**	table
analyze	function	F details	
anywhere	function	F order	
casters	table	F suffixes	
F author		**finder**	function
F keyword		**found**	function
F pagenumber		**get**	function
citevariants	table	**getcasted**	function
F author		**getdirect**	function
F authornum		**getindex**	function
F authoryear		**indexers**	table
F authoryears		F author	
F category		**journals**	table
F default		F abbreviated	
F entry		F add	
F index		F expanded	
F key		F load	
F num		F save	
F page		**lists**	table
F serial		F collectentries	
F short		F fetchentries	
F tag		F filterall	
F type		F flushentries	
F year		T methods	
collected	data table	F dataset	
components	table	F force	
F author		F global	
concatstate	function	F local	
converttoxml	function	F nofregistered	
datasets	table	F prepareentries	
detailed	table	F register	
endnotes_to_btx	function	T sorters	
enhancer	table	F author	
S arguments		F dataset	
T askip		F default	
B dirty		F reference	
T gskip		F short	
T kind		F uservariable	
T list		**listvariants**	table
T system		F bib	
T order		F default	

	F num		S subtitle
	F page		S title
	F short		S type
	F yes		S url
load	function		S volume
loadbibdata	function		S year
loaders	table	T optional
	F bib	T required
	F buffer	T sets
	F endnote	T author
	F lua	T doi
	F refman	T isbn
	F xml	T virtual
new	function	T book
parenttag	function	S category
permitted	function	T extra
refman_to_btx	function	T fields
registeredcitevariants	data table	S address
registeredlistvariants	data table	S author
resolvedname	function	S day
save	function	S doi
search	function	S edition
setcategory	function	S editor
setspecification	function	S file
singularorplural	function	S isbn
sorters	table	S month
	F author	S note
specifications	table	S number
	T apa	S pages
	S author	S publisher
	T categories	S series
	T article	S subtitle
	S category	S title
	T extra	S type
	T fields	S url
	S author	S volume
	S doi	S year
	S editor	T optional
	S file	T required
	S issn	T sets
	S journal	T author
	S note	T doi
	S number	T edition
	S pages	T virtual

```
T booklet                              S type
  S category                           S url
  T extra                              S volume
  T fields                             S year
    S address                        T optional
    S author                         T required
    S doi                            T sets
    S file                             T author
    S howpublished                     T doi
    S isbn                              T edition
    S month                          T virtual
    S note                         T demo-a
    S subtitle                       S category
    S title                          T extra
    S type                           T fields
    S url                              S author
    S year                             S doi
  T optional                           S file
  T required                           S institution
  T sets                               S note
    T author                           S organization
    T doi                              S subtitle
  T virtual                            S title
T conference                           S url
  S category                           S year
  T extra                            T optional
  T fields                           T required
    S address                        T sets
    S author                           T author
    S booktitle                        T doi
    S doi                            T virtual
    S edition                      T demo-b
    S editor                         S category
    S file                           T extra
    S isbn                           T fields
    S month                            S author
    S note                             S doi
    S number                           S file
    S organization                     S institution
    S pages                            S note
    S publisher                        S organization
    S series                           S subtitle
    S subtitle                         S title
    S title                            S url
```

S year	S pages
T optional	S publisher
T required	S series
T sets	S subtitle
T authors	S title
T doi	S type
T virtual	S url
T electronic	S volume
S category	S year
T extra	T optional
T fields	T required
S address	T sets
S author	T author
S doi	T doi
S file	T edition
S howpublished	T virtual
S month	T incollection
S note	S category
S organization	T extra
S subtitle	T fields
S title	S address
S type	S author
S url	S booktitle
S year	S chapter
T optional	S doi
T required	S edition
T sets	S editor
T doi	S file
T virtual	S isbn
T inbook	S month
S category	S note
T extra	S number
T fields	S pages
S address	S publisher
S author	S series
S chapter	S subtitle
S doi	S title
S edition	S type
S editor	S url
S file	S volume
S isbn	S year
S month	T optional
S note	T required
S number	T sets

T author	S url
T doi	T optional
T edition	T required
T virtual	T sets
T inproceedings	T author
S category	T doi
T extra	T virtual
T fields	T magazine
S address	S category
S author	T extra
S booktitle	T fields
S doi	S author
S edition	S day
S editor	S doi
S file	S editor
S isbn	S file
S month	S issn
S note	S journal
S number	S month
S organization	S note
S pages	S number
S publisher	S pages
S series	S subtitle
S subtitle	S title
S title	S type
S type	S url
S url	S volume
S volume	S year
S year	T optional
T optional	T required
T required	T sets
T sets	T author
T author	T doi
T doi	T isbn
T edition	T virtual
T virtual	T manual
T literal	S category
S category	T extra
T extra	T fields
T fields	S address
S doi	S author
S key	S doi
S note	S edition
S text	S file

```
            S isbn                              S doi
            S month                             S file
            S note                              S howpublished
            S number                            S isbn
            S organization                      S issn
            S pages                             S month
            S subtitle                          S note
            S title                             S subtitle
            S url                               S title
            S volume                            S url
            S year                              S year
          T optional                          T optional
          T required                          T required
          T sets                              T sets
            T doi                               T doi
            T edition                           T isbn
          T virtual                           T virtual
      T mastersthesis                     T newspaper
        S category                          S category
        T extra                             T extra
        T fields                            T fields
          S address                           S author
          S author                            S day
          S doi                               S doi
          S file                              S editor
          S isbn                              S file
          S month                             S issn
          S note                              S journal
          S school                            S month
          S subtitle                          S note
          S title                             S number
          S type                              S pages
          S url                               S subtitle
          S year                              S title
        T optional                          S type
        T required                          S url
        T sets                              S volume
          T doi                             S year
        T virtual                         T optional
      T misc                              T required
        S category                        T sets
        T extra                             T author
        T fields                            T doi
          S author                          T isbn
```

```
  T virtual                          T required
T other                              T sets
  S category                           T doi
  T extra                            T virtual
  T fields                         T periodical
    S author                          S category
    S doi                             T extra
    S file                            T fields
    S isbn                              S doi
    S issn                              S editor
    S note                              S file
    S subtitle                          S issn
    S title                             S month
    S url                               S note
    S year                              S number
  T optional                            S organization
  T required                            S publisher
  T sets                                S series
    T doi                               S subtitle
    T isbn                              S title
  T virtual                             S url
T patent                                S volume
  S category                            S year
  T extra                            T optional
  T fields                          T required
    S address                         T sets
    S assignee                          T author
    S author                            T doi
    S day                               T isbn
    S dayfiled                        T virtual
    S doi                           T phdthesis
    S file                            S category
    S month                           T extra
    S monthfiled                      T fields
    S nationality                       S address
    S note                              S author
    S number                            S doi
    S subtitle                          S file
    S title                             S isbn
    S type                              S month
    S url                               S note
    S year                              S school
    S yearfiled                         S subtitle
  T optional                            S title
```

S type	S note
S url	S organization
S year	S subtitle
T optional	S title
T required	S url
T sets	S year
T doi	T optional
T virtual	T required
T proceedings	T sets
S category	T author
T extra	T doi
T fields	T virtual
S address	T techreport
S doi	S category
S edition	T extra
S editor	T fields
S file	S address
S isbn	S author
S month	S doi
S note	S file
S number	S institution
S organization	S isbn
S pages	S month
S publisher	S note
S series	S number
S subtitle	S pages
S title	S subtitle
S url	S title
S volume	S type
S year	S url
T optional	S volume
T required	S year
T sets	T optional
T author	T required
T doi	T sets
T edition	T doi
T virtual	T edition
T standard	T virtual
S category	T thesis
T extra	S category
T fields	T extra
S author	T fields
S doi	S address
S institution	S author

S doi	
S file	
S isbn	
S month	
S note	
S school	
S subtitle	
S title	
S type	
S url	
S year	
T optional	
T required	
T sets	
T doi	
T virtual	
T unpublished	
S category	
T extra	
T fields	
S author	
S doi	
S file	
S month	
S note	
S subtitle	
S title	
S url	
S year	
T optional	
T required	
T sets	
T doi	
T virtual	
S comment	
S copyright	
T fields	
S name	
T types	
S artist	
S author	
S composer	
S doi	
S editor	

S interpreter

S keywords

S page

S pages

S producer

S url

S version

T virtual

statistics   table

   N nofbytes

   N nofdatasets

   N nofdefinitions

   N nofshortcuts

tables   table

   D implicits

   D origins

   D privates

   D specials

   D types

   D virtuals

tracers   table

   F showdatasetcompleteness

   F showdatasetfields

   F showfields

   F showtables

typesetters   table

   F author

   F string

usedentries   function

writers   table

   F author

regimes (context)

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

resolvers (context)

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

- F check
- F exec
- F execute
- F finalize
- F popen
- F register
- F spawn

expandbraces	function
expandedpathfromlist	function
expandedpathlist	function
expandedpathlistfromvariable	function
expandpath	function
expandpathfromvariable	function
expansion	function
extendtexmfvariable	function
filtered_from_content	function
~~**find_file**~~	~~function~~
~~**find_files**~~	~~function~~
findbinfile	function
findctxfile	function

installinputlinehandler	function
instance	table

- D data
- B diskcache
- D environment
- D expansions
- D fakepaths
- D files
- B force_suffixes
- D found
- D foundintrees
- D hashed
- D hashes
- D lists
- B loaderror
- D order
- T pathstack
- B remember
- B renewcache
- B renewtree

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

unexpandedpathlist	function
unresolve	function
updaterelations	function
updatescript	function
usertypes	data table
usezipfile	function
validatedpath	function
variable	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	
T validmethods	
B ch	
B mc	
B mm	
B pc	
B pm	
B uc	
B zc	
B zm	
definitions	data table
firstofsplit	function
setlanguage	function
sort	function
splitters	table
F utf	
strip	function
tracers	data table
update	function

statistics (context)

checkfmtstatus	function
elapsed	function
elapsedindeed	function
elapsedseconds	function
elapsedtime	function
enable	boolean
formatruntime	function
hastiming	function
memused	function
register	function
resettiming	function
runtime	function
savefmtstatus	function
show	function
starttiming	function
stoptiming	function
threshold	number
timed	function
tracefunction	function

status (basic tex)

list function

storage (context)

allocate	function
data	table
mark	function
marked	function
max	number
min	number
nofmodules	number
noftables	number
register	function
shared	data table
strip	boolean
tofmodules	number
toftables	number

streams (context)

collect	function
disable	function
enable	function
flush	function
initialize	function
push	function
start	function
stop	function
synchronize	function

string (basic lua)

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

structures (context)

atlocation   function
blocks   table

    D collected
    F define
    F print
    F save
    F select
    F setstate
    D states
    D tobesaved

bookmarks   table

    T extras
      F get
      F mergesections
      F register
      F reset
      F tosections
    F finalize
    F flatten
    F installhandler
    F merge
    S method
    F overload
    F place
    F register
    F setup

counters   table

    F add
    F analyze
    F check
    D collected
    F compact
    F converted
    F currentvalue
    D data
    F define
    F first
    F get
    F last
    F next
    F prev

    F previous
    F raw
    F record
    F reset
    F restart
    F restore
    F save
    F set
    F setlevel
    F setoffset
    F setown
    F setstate
    F setvalue
    T specials
      F userpage
    F subs
    D tobesaved
    F value

currentsectionnumber   function
descriptions   table
documents   table

    D data
    F initialize
    F preset
    F reset

floats   table
formulas   table

    F current
    F simplify
    F store

helpers   table

    F analyze
    F formulanumber
    F merged
    F page
    F prefix
    F prefixlastpage
    F prefixpage
    F simplify
    F title
    F touserdata

inserts	table	F	sectionnumber
D	data	F	size
F	define	F	title
F	getdata	D	tobesaved
F	getlocation	F	userdata
F	getname	F	uservalue
F	getnumber	**marks**	table
F	setlocation	D	data
F	setup	F	define
D	stored	F	exists
itemgroups	table	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	formulanumber	F	synchronize
F	getresult	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	setstate	F	getinnermethod
F	setsymbolpage	F	getinternallistreference
D	states	F	getinternalreference
F	store	D	handlers
pages	**table**	F	identify
F	analyze	F	import
D	collected	F	inject
F	is_odd	F	injectcurrentset
N	nofpages	S	innermethod
F	number	D	internals
F	save	F	load
D	tobesaved	F	loadpresets
references	**table**	F	mark
F	analyze	D	pages
F	checkedfile	U	prefixsplitter
F	checkedfileorurl	D	productdata
F	checkedprogram	T	programs
F	checkedrealpage	T	data
F	checkedurl	F	define
D	collected	F	get
U	componentsplitter	F	realpageofpage
F	currentmetadata	U	referencesplitter
F	currentorder	D	referred
D	currentset	F	referredpage
F	define	F	registerfinalizer
D	defined	F	registerinitializer
D	derived	F	registerpage
F	enableinteraction	F	reportproblems
F	enhance	F	reset
D	executers	D	runners
F	expandcurrent	F	set
F	export	F	setandgetattribute
T	files	F	setcomponent
T	data	F	setinnermethod
F	define	F	setinternalreference
F	get	F	setnextinternal
F	filter	F	setnextorder
F	filterdefault	F	setreferencerealpage
D	filters	D	specials
D	flaginternals	F	splitcomponent
F	from	F	splitprefix
F	get	F	splitreference
F	getcurrentmetadata	F	synchronizepage
F	getcurrentprefixspec	T	testrunners

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

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

table (basic lua)

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

tex (basic tex)

attribute	table	**isdefined**	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	overloaded number

texio (basic tex)

write   function
write_nl function

token (basic tex)

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

tokens (context)

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

injectors   table
- F check
- T list
- F mark
- F reset
- F set
- F show

italics   table
- F forcevariant
- F handler
- F reset
- F set

kerns   table
- D factors
- F handler
- F keepligature
- B keeptogether
- D mapping
- F set

manipulators   table
- F apply
- F applyspecification
- T methods

	F Word	F create
	F Words	F flush
	F abbreviatedjournal	F initialize_construct
	F expandedjournal	F initialize_reflow_height
	F lowercase	F initialize_reflow_width
	F stripperiod	F next_row
	F uppercase	F reflow_height
	T patterns	F reflow_width
	U list	F set_construct
	U pair	F set_reflow_height
	F splitspecification	F set_reflow_width

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

showsuspects function

spacings table

  F define

  F handler

  D mapping

  T numbers

   T frenchpunctuation

    T characters

    S name

    N number

  F reset

  F set

  F setup

wrappers table

  F handler

xtables table

  F cleanup

  F construct

unicode (extra lua)

ascii   table

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

grapheme table

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

latin1   table

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

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

utf8   table

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

F utf16_to_utf8_be

F utf16_to_utf8_be_t

F utf16_to_utf8_le

F utf16_to_utf8_le_t

F utf16_to_utf8_t

F utf32_to_utf8_be

F utf32_to_utf8_be_t

F utf32_to_utf8_le

F utf32_to_utf8_le_t

F utf32_to_utf8_t

F utf8_to_utf16

F utf8_to_utf16_be

F utf8_to_utf16_le

F utf8_to_utf8_t

F values

F xstring

url (context)

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

utilities (context)

debugger   table
- F disable
- F enable
- F savestats
- F showstats
- F showtraceback

formatters   table
- F formatcolumns
- F list
- F stripzeros

garbagecollector table
- F check
- N criterium
- B enabled

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

packers   table
- F hashed
- F new
- F pack
- F simplehashed
- F strip
- F unpack

- N version

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

report   function

sequencers   table
- F appendaction
- F appendgroup
- F compile

F	disableaction	
F	disablegroup	
F	enableaction	
F	enablegroup	
D	functions	
F	localize	
F	new	
F	nodeprocessor	
F	prependaction	
F	prependgroup	
F	removeaction	
F	replaceaction	
F	setkind	
F	tostring	

setters   table
- F disable
- F enable
- F initialize
- F list
- F new
- F register
- F report
- F reset
- F show

stacker   table
- F new

storage   table
- F allocate
- F checked
- F mark
- F marked
- F setinitializer
- F sparse

strings   table
- F collapsecrlf
- T formatters
- F add
- F new
- F newrepeater
- F nice
- T striplinepatterns
- U collapse
- U prune
- 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
- F replacevalue

templates   table
- F load
- F replace
- F replacer
- F resolve

vf (context)

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

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

first	function
found	function
functions	table
getbuffer	function
gethandlers	function
gethandlersfunction	function
helpers	table
F recursetext	
include	function
inclusion	function
inclusions	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
insertcdata	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	**sprint**	function
newhandlers	function	**string**	function
nodesettostring	function	**strip**	function
originalload	function	~~**strip_whitespace**~~	~~function~~
package	function	**stripelement**	function
parent	function	**stripleadingspaces**	function
parsedentitypeg	userdata	**table**	function
pihandlers	table	**text**	function
placeholders	table	**textonly**	function
F unknown_any_entity		**texttocdata**	function
F unknown_dec_entity		**tocdata**	function
F unknown_hex_entity		**toelement**	function
position	function	**tostring**	function
privatecodes	table	**toxml**	function
privatetoken	function	**tprint**	function
process	function	**traverse**	function
~~**process_attributes**~~	~~function~~	**unescaped**	function
~~**process_elements**~~	~~function~~	**unprivatized**	function
processattributes	function	**withelement**	function
profiled	table	**withelements**	function
raw	function	**wrap**	function
registerentity	function	**xmlns**	table
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		
setcomment	function		
sethandlersfunction	function		
setproperty	function		
settings	function		
specialhandler	table		

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