MP attributes backends 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 ffi
figures file fio floats font fonts functions
global graphics gzip img interactions
interfaces io 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 objects os package pagebuilders
parametersets pdf pdfscanner physics
publications regimes resolvers sandbox scripts
set sio socket sorters statistics status
storage streams string structures table tex
texconditionals texconfig texconstants texifs
texio texisdefined texmodes texsystemmodes
thirddata token tokens tracers trackers
typesetters unicode url userdata utilities vf
visualizers xml zip zlib

ConTEXt MkIV

global (alias: _G)

FFISUPPORTED	function	**environment**	table
INITEXMODE	boolean	**epdf**	table
LUATEXCOREVERSION	number	**error**	function
LUATEXENGINE	string	**experiments**	table
LUATEXFUNCTIONALITY	number	**ffi**	table
LUATEXVERSION	number	**ffilib**	function
MP	table	**figures**	table
_LUAVERSION	number	**file**	table
_MAJORVERSION	number	**fio**	table
_MINORVERSION	number	**floats**	table
arg	table	**font**	table
assert	function	**fonts**	table
attributes	table	**frozen**	boolean
backends	table	**functions**	table
bit32	table	**getmetatable**	function
blobs	table	**getpos**	function
blockrequire	function	**getvpos**	function
boolean	table	**global**	table
buffers	table	**grammar_parsed_text_one_nop**	userdata
builders	table	**grammar_parsed_text_one_yes**	userdata
caches	table	**grammar_parsed_text_two_nop**	userdata
callback	table	**grammar_parsed_text_two_yes**	userdata
callbacks	table	**grammar_unparsed_text_nop**	userdata
catcodes	table	**grammar_unparsed_text_yes**	userdata
characters	table	**graphics**	table
chemistry	table	**gregorian_to_jalali**	function
collectgarbage	function	**gzip**	table
commands	table	**img**	table
containers	table	**inspect**	function
context	function	**interactions**	table
converters	table	**interfaces**	table
coroutine	table	**io**	table
ctxrunner	table	**ipairs**	function
debug	table	**jalali_to_gregorian**	function
dimen	function	**job**	table
dir	table	**lang**	table
directives	table	**languages**	table
document	table	**last**	number
documentdata	table	**layouts**	table
dofile	function	**lfs**	table
done	boolean	**libraries**	table

lmx	table	**regimes**	table
load	function	**require**	function
loadfile	function	**requireswiglib**	function
loadstring	function	**resolvers**	table
logs	table	**sandbox**	table
lpdf	table	**scripts**	table
lpeg	table	**select**	function
ltn12	table	**set**	table
lua	table	**setinspector**	function
luatex	table	**setmetatable**	function
lxml	table	**sio**	table
math	table	**socket**	table
mathematics	table	**sorters**	table
mbox	table	**statistics**	table
md5	table	**status**	table
metapost	table	**storage**	table
mime	table	**streams**	table
module	function	**string**	table
moduledata	table	**structures**	table
modules	table	**swiglib**	function
mp	function	**table**	table
mplib	table	**tex**	table
next	function	**texconditionals**	data table
noads	table	**texconfig**	table
node	table	**texconstants**	data table
nodes	table	**texifs**	data table
number	table	**texio**	table
objects	table	**texisdefined**	function
optionalrequire	function	**texmodes**	data table
os	table	**texsystemmodes**	data table
package	table	**thirddata**	table
pagebuilders	table	**toboolean**	function
pairs	function	**token**	table
parametersets	table	**tokens**	table
pcall	function	**tonumber**	function
pdf	table	**tostring**	function
pdfscanner	table	**tracers**	table
physics	table	**trackers**	table
print	function	**type**	function
publications	table	**typesetters**	table
rawequal	function	**unicode**	table
rawget	function	**unpack**	function
rawlen	function	**url**	table
rawset	function	**userdata**	table

utf	table	**xml**	table
utilities	table	**xpcall**	function
v	number	**zip**	table
vf	table	**zlib**	table
visualizers	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
- D counts
- B couple
- F currentmodel
- F currentnamedmodel
- D data
- N default
- F defineintermediatecolor
- F definemultitonecolor
- F defineprocesscolor
- F definesimplegray
- F definespotcolor
- F definetransparency
- F enable
- F filter
- F forcedmodel
- F forcesupport
- F formatcolor
- F formatgray
- F getpagecolormodel
- 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
- F namedcolorattributes
- N 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
- F setpagecolormodel
- D sets
- F spec
- F spot
- F spotcolorname
- F spotcolorparent
- F spotcolorvalue
- B supported
- F transparencycomponents
- B triggering
- F usecolors
- D valid
- 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
F	set

numbers   data table

ofnode   function

private   function

public   function

restore   function

save   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
T	names
N	color
N	colorburn
N	colordodge
N	darken
N	difference
N	exclusion
N	hardlight
N	hue
N	lighten
N	luminosity
N	multiply
N	none
N	normal
N	overlay
N	saturation
N	screen
N	softlight
N	none
F	register
D	registered
B	supported
B	triggering
F	value
D	values

unsetvalue   number

viewerlayers   table

N	attribute
F	cleanup
D	data
F	define
F	definedlayoutcomponent
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 boxresourcedimensions
- F registerboxresource
- F restoreboxresource

current string

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

included table
- B context
- B date
- B id
- B metadata
- B pdf

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 startunicodetoactualtext
- F startunicodetoactualtextdirect
- F stoplayer
- F stopunicodetoactualtext
- F stopunicodetoactualtextdirect
- F supportedformats
- F unicodetoactualtext

F useviewerlayer	F reference
F validfield	F rgbcolor
F validfieldcategory	F spotcolor
F validfieldset	F startlayer
S comment	F startstackedlayer
T nodeinjections	F stoplayer
F addtags	F stopstackedlayer
F annotation	F transparency
F attachfile	F typesetfield
F changestackedlayer	T registrations
F cmykcolor	F cmykindexcolor
F comment	F cmykspotcolor
F destination	F getspotcolorreference
F effect	F grayindexcolor
F graycolor	F grayspotcolor
F injectbitmap	F rgbindexcolor
F insertmovie	F rgbspotcolor
F insertsound	F spotcolorname
F insertswf	F transparency
F insertu3d	T tables
F knockout	D vfspecials
F negative	**registrations** table
F overprint	**tables** table
F positive	**timestamp** function

bit32 (basic lua)

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

blobs (context)

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

boolean (context)

tocontext function
tonumber function

buffers (context)

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

builders (context)

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

paragraphs   table
- T constructors
  - N attribute
  - F define
  - F disable
  - F enable
  - F handler
  - T methods
    - F basic
    - F default
    - F hpack
    - 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

profiling   table
- F add
- F distance
- F fixedprofile
- F get
- F list
- F pagehandler
- F profilebox
- F set

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

callback (basic tex)

find   function

register overloaded function

list   function

callbacks (context)

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

   B append_to_vlist_filter
   B build_page_insert
   B buildpage_filter
   B call_edit
   B char_exists
   B contribute_filter
   B define_font
   B find_cidmap_file
   B find_data_file
   B find_enc_file
   B find_font_file
   B find_format_file
   B find_image_file
   B find_map_file
   B find_opentype_file
   B find_output_file
   B find_pk_file
   B find_read_file
   B find_sfd_file
   B find_truetype_file
   B find_type1_file
   B find_vf_file
   B find_write_file
   B finish_pdffile
   B finish_pdfpage
   B finish_synctex_callback
   B glyph_stream_provider
   B hpack_filter
   B hpack_quality
   B hyphenate

   B insert_local_par
   B kerning
   B ligaturing
   B linebreak_filter
   B mlist_to_hlist
   B open_read_file
   B post_linebreak_filter
   B pre_dump
   B pre_linebreak_filter
   B pre_output_filter
   B process_input_buffer
   B process_jobname
   B process_output_buffer
   B process_rule
   B read_cidmap_file
   B read_data_file
   B read_enc_file
   B read_font_file
   B read_map_file
   B read_opentype_file
   B read_pk_file
   B read_sfd_file
   B read_truetype_file
   B read_type1_file
   B read_vf_file
   B show_error_hook
   B show_error_message
   B show_lua_error_hook
   B show_warning_message
   B start_file
   B start_page_number
   B start_run
   B stop_file
   B stop_page_number
   B stop_run
   B vpack_filter
   B vpack_quality

catcodes (context)

names   data table   **register**   function
numbers   data table

characters (context)

activeoffset	number	S A˳
adobename	function	S A˯
bidi	data table	S B˙
blockrange	function	S B˳
blocks	data table	S B˯
casemap	table	S C´
categories	data table	S C^
category	function	S C˙
categorytags	data table	S Cˇ
classifiers	table	S C�
collapsed	table	S C˳´

S </
S =/
S >/
S A`
S A´
S A^
S A^`
S A^´
S A^~
S A^ʾ
S A~
S Ā
S Ă
S A˘`
S A˘´
S A˘~
S A˘ʾ
S A˙
S A˙¯
S A¨
S A¨¯
S Aʾ
S A°
S A°´
S Aˇ
S A˝
S Aˆ
S A˳
S A˳^
S A˳ˇ

S D˙
S Dˇ
S D˳
S D˯
S Dˬ
S D˭
S E`
S E´
S E^
S E^`
S E^´
S E^~
S E^ʾ
S E˜
S Ē
S Ē`
S Ē´
S Ĕ
S E˙
S E¨
S Eʾ
S Ěˇ
S E`
S Ê
S E˳
S E˳^
S E˳ˌ
S E˳ˇ
S E˯
S E˄

S Ḛ	S L̲
S F˙	S Ḿ
S G´	S Ṁ
S Ĝ	S M̧
S Ḡ	S Ǹ
S Ğ	S Ń
S Ġ	S Ñ
S Ǧ	S Ṅ
S G̦	S Ň
S Ĥ	S Ṇ
S Ḣ	S N̨
S Ḧ	S N̂
S Ȟ	S N̲
S H̦	S Ò
S Ḩ	S Ó
S Ḫ	S Ô
S Ì	S Ôˋ
S Í	S Ôˊ
S Î	S Ô˜
S Ĩ	S Ô’
S Ī	S Õ
S Ĭ	S Õˊ
S İ	S Õ¯
S Ï	S Õ¨
S Ï´	S Ō
S Ỉ	S Ōˋ
S Ǐ	S Ōˊ
S Ȉ	S Ŏ
S Î	S Ȯ
S I̧	S Ȯ¯
S I̧	S Ö
S Ḭ	S Ö¯
S Ĵ	S Ỏ
S Ḱ	S Ő
S Ǩ	S Ǒ
S K̦	S Ȍ
S Ķ	S Ô
S Ḵ	S O·
S Ĺ	S O·ˋ
S Ľ	S O·ˊ
S Ļ	S O·˜
S Ļ¯	S O·’
S L̨	S O·̦
S L̂	S O̧

S Ô̧
S O̧
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S Ẏ
S Ÿ
S Ỷ
S Y̧
S Ź
S Ẑ
S Ż
S Ž
S Ẓ
S Ẕ
S à
S á

S a^	S e^
S a^`	S e^`
S a^´	S e^´
S a^~	S e^~
S a^'	S e^'
S a~	S e~
S a¯	S e¯
S ă	S e¯`
S ă`	S e¯´
S ă´	S ĕ
S ă~	S ė
S ă'	S ë
S ȧ	S e'
S ȧ¯	S ě
S ä	S e`
S ä¯	S ê
S a'	S ȩ
S å	S ȩ^
S å´	S ȩ
S ă	S ȩ˘
S à	S ę
S â	S e̯
S a̧	S ḛ
S a̧^	S ḟ
S a̧˘	S ǵ
S å	S ĝ
S a̧	S ḡ
S ḃ	S ǧ
S b̧	S ġ
S b̠	S ǧ
S ć	S ģ
S ĉ	S ĥ
S ċ	S ḣ
S č	S ḧ
S ç	S ȟ
S ç´	S ḩ
S ḋ	S h̨
S ď	S h̫
S ḑ	S h̠
S ḑ	S ì
S d̯	S í
S d̠	S î
S è	S ĩ
S é	S ī

S i˘	S o˜´
S i¨	S o˜¯
S i¨´	S o˜¨
S i'	S o¯
S iˇ	S o¯`
S i`	S o¯´
S iˆ	S oˇ
S i.	S o˙
S i,	S o˙¯
S i„	S o¨
S jˆ	S o¨¯
S jˇ	S o'
S k´	S o″
S kˇ	S oˇ
S k.	S o`
S k,	S oˆ
S k_	S o˙
S l´	S o˙`
S lˇ	S o˙´
S l.	S o˙˜
S l.¯	S o˙'
S l,	S o˙.
S lˆ	S o.
S l_	S o.ˆ
S m´	S o,
S m˙	S o,¯
S m.	S p´
S n`	S p˙
S n´	S r´
S n˜	S r˙
S n˙	S rˇ
S nˇ	S r`
S n.	S rˆ
S n,	S r.
S nˆ	S r.¯
S n_	S r,
S o`	S r_
S o´	S s´
S oˆ	S s´´
S oˆ`	S sˆ
S oˆ´	S s˙
S oˆ˜	S sˇ
S oˆ'	S sˇ´
S o˜	S s.

S s ˙
S s ˌ
S s ̗
S t ˙
S t ¨
S t ˇ
S t ˌ
S t ̗
S t ̗
S t ̭
S t ̲
S u ˋ
S u ´
S u ˆ
S u ˜
S u ˜´
S u ¯
S u ¯¨
S u ˘
S u ¨
S u ¨ˋ
S u ¨´
S u ¨¯
S u ¨ˇ
S u ʼ
S u °
S u ˝
S u ˇ
S u ˋ
S u ˆ
S u ˙
S u ˙ˋ
S u ˙´
S u ˙˜
S u ˙ʼ
S u ˙ˌ
S u ˌ
S u ͅ
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S v ˜
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S w ´
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S x ˙
S x ¨
S y ˋ
S y ´
S y ˆ
S y ˜
S y ¯
S y ˙
S y ¨
S y ʼ
S y °
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S z ´
S z ˆ
S z ˙
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S z ̲
S ¨ˋ
S ¨´
S ¨
S Â ˋ
S Â ´
S Â ˜
S Â ʼ
S Ä ¯
S Å ´
S Æ ´
S Æ ¯
S Ç ´
S Ê ˋ
S Ê ´
S Ê ˜
S Ê ʼ
S Ï ´
S Ô ˋ
S Ô ´
S Ô ˜

S ỗ	S ặ
S ỗ́	S Ề
S ỗ̄	S Ế
S ỗ̈	S ề
S ȫ	S ế
S ǿ	S Ồ
S ǜ	S Ố
S ǘ	S ồ
S ǖ	S ố
S ǚ	S Ś
S ầ	S ś
S ấ	S Ṧ
S ẫ	S ṧ
S ẫ	S Ǘ
S ǟ	S ǘ
S ǻ	S Ǚ̈
S ǽ	S ǚ̈
S ǣ	S ḟ
S ḉ	S ờ
S ề	S ớ
S ế	S ỡ
S ễ	S ở
S ể	S ợ
S ḯ	S ờ
S ồ	S ớ
S ố	S ỡ
S ỗ	S ở
S ổ	S ợ
S ṍ	S ừ
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T		S nl	
S		S ns	
S		S nu	
hangul	data table	S op	
initialize	function	S po	
is_character	data table	S pr	
is_command	data table	S qu	
is_letter	data table	S ri	
is_mark	data table	S sa	
is_punctuation	data table	S sg	
is_spacing	data table	S sp	
lcchars	data table	S sy	
lccode	function	S wj	
lccodes	data table	S xx	
lettered	function	S zw	
lhash	data table	S zwj	
linebreaks	table	**lower**	function
S ai		**math**	table
S al		**mathpairs**	table
S b2		T :	
S ba		S =	
S bb		T <	
S bk		S =	
S cb		T =	
S cj		S :	
S cl		T >	
S cm		S =	
S cp		T /	
S cr		S <	
S eb		S =	
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S ←		
S →	S	
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S ⇐	**mirrors**	table
S ⇒	**otfscripts**	data table
S ⇔	**ranges**	data table
S ∃	**registerentities**	function
S ∈	**remap_hangul_syllabe**	function
S ∋	**setactivecatcodes**	function
S	**setlettercatcodes**	function
S	**shape**	function
S ~	**shaped**	function
S ≃	**shash**	data table
S ≅	**shchars**	data table
S ≈	**shcodes**	data table
S ≍	**showstring**	function
S ≡	**specialchars**	data table
S ≤	**specials**	data table
S ≥	**splits**	table
S ≦		
S ≧	T char	
S ≲	T compat	
S ≳	**subscripts**	table
S <	**superscripts**	table
S >	**synonyms**	data table
S ≤	**tex**	table
S ≥		
S ⊂	D accentmapping	
S ⊃	D commandmapping	
S ⊆	F defineaccents	
S ⊇	F safechar	
S ⊑	F toutf	
S ⊒	F toutfpattern	
S ⊢	**textclasses**	table
S	**tonumber**	function
S	**ucchars**	data table
S	**uccode**	function
S	**uccodes**	data table
S	**uhash**	data table
	unicodechar	function
	upper	function

chemistry (context)

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

containers (context)

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

converters (context)

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

D data		**word**	function
F translate		**words**	function
weekday	function	**year**	function

coroutine (basic lua)

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

ctxrunner (context)

load	function	**prepfiles**	data table
preparedfile	function	**resolve**	function

debug (basic lua)

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

dir (context)

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

directives (context)

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

document (context)

arguments   data table
files   table
functions   table
getargument   function
getfilename   function
options   table

    T commandline

      D environments

      D modes

      D modules

    T ctxfile

      D environments

      D modes

      D modules

setargument   function
setcommandline   function
setdefaultargument function
setenvironments   function
setfilename   function
setfilenames   function
setmodes   function
setmodules   function
variables   data table

environment (context)

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

epdf (extra tex)

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

experiments (context)

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

figures (context)

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

file (basic lua)

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

fio (extra lua)

checkpermission	function	**readfixed4**	function
getposition	function	**readinteger1**	function
read2dot14	function	**readinteger2**	function
readbytes	function	**readinteger3**	function
readbytetable	function	**readinteger4**	function
readcardinal1	function	**readline**	function
readcardinal2	function	**recordfilename**	function
readcardinal3	function	**setposition**	function
readcardinal4	function	**skipposition**	function
readfixed2	function		

floats (context)

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

font (basic tex)

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

fonts (context)

analyzers   table

  T features

    N blwf

    N fin2

    N fin3

    N fina

    N half

    N init

    N isol

    N med2

    N medi

    N pref

    N pstf

    N rphf

  D initializers

  D methods

  F setstate

  T states

    N blwf

    N fin2

    N fin3

    N fina

    N half

    N init

    N isol

    N mark

    N med2

    N medi

    N pref

    N pstf

    N rest

    N rphf

  B useunicodemarks

checkers   table

  F getmissing

  F missing

  F placeholder

cid   table

  F getmap

  F loadfile

collections   table

  F checkenabled

  F clonevector

  F define

  T definitions

  F found

  F prepare

  F process

  F registermain

  F report

  F reset

  T vectors

constructors   table

  F addcharacters

  F addcoreunicodes

  F aftercopyingcharacters

  F applymanipulators

  F assignmathparameters

  B autocleanup

  F beforecopyingcharacters

  D cache

  B cacheintex

  F calculatescale

  F checkedfeatures

  F checkedfilename

  F cleanuptable

  F collectprocessors

  F currentfonthasfeature

  D designsizes

  D dontembed

  F enhanceparameters

  T enhancers

    T afm

      F apply

      F patch

      T patches

        F register

        F report

      F register

      F report

    T otf

      F addfeature

F apply
F enhance
F patch
T patches
  F register
  F report
F register
F report
T tfm
  F apply
  F patch
  T patches
    F register
    F report
  F register
  F report
N factor
T features
 D afm
 D otf
 D tfm
F finalize
F getfeatureaction
T handlers
 T afm
  B autoprefixed
  D cache
  D features
  F getkern
  T helpdata
   D bothkerned
   D leftkerned
   D ligatures
   D rightkerned
   D texligatures
  F load
  T readers
   F getinfo
   F loadfont
   F loadshapes
  F setfeatures
  B syncspace
  N version
 T otf

F addfeature
F basemodeinitializer
D cache
F collectlookups
T coverup
 T actions
  F alternate
  F chainposition
  F chainsubstitution
  F kern
  F ligature
  F multiple
  F pair
  F single
  F substitution
 F register
 S stepkey
F dataset
S defaultbasealternate
S defaultnodealternate
D features
F featuresinitializer
F featuresprocessor
F getactualtext
F getalternate
F getgsub
F getkern
F getmultiple
F getsubstitution
T handlers
 F devanagari_remove_joiners
 F devanagari_reorder_matras
 F devanagari_reorder_pre_base_reordering_consonants
 F devanagari_reorder_reph
 F gpos_context
 F gpos_contextchain
 F gpos_cursive
 F gpos_mark2base
 F gpos_mark2ligature
 F gpos_mark2mark
 F gpos_pair
 F gpos_single
 F gsub_alternate
 F gsub_context

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    F gsub_contextchain              F context
    F gsub_ligature                  F cursive
    F gsub_multiple                  F extension
    F gsub_reversecontextchain       F marktobase
    F gsub_single                    F marktoligature
    F trigger_space_kerns            F marktomark
  T helpers                          F pair
    F blockligatures                 F single
    F pardirstate                  F gsub
    F txtdirstate                  T gsubhandlers
  F load                             F alternate
  F loadoutlinedata                  F chainedcontext
  F loadstreamdata                   F context
  F modeinitializer                  F extension
  D pdfcache                         F ligature
  F plugininitializer                F multiple
  F pluginprocessor                  F reversechainedcontextsingle
  T plugins                          F single
  T readers                        F gvar
    F addunicodetable              F head
    F avar                         T helpers
    F cbdt                             F axistofactors
    F cblc                             F cleanname
    F cff                              F getaxisscale
    F cff2                             F getfactors
    F cffcheck                         F getscales
    F checkhash                        F gotodatatable
    F cmap                             F normalizedaxis
    F colr                             T normalizedaxishash
    F compact                          F readvariationdata
    F cpal                             F reportskippedtable
    F ebdt                             F setvariabledata
    F eblc                         F hhea
    F ebsc                         F hmtx
    F expand                       F hvar
    F extend                       F kern
    F fvar                         F loadfont
    F gdef                         F loadshapes
    F getcomponents                F loca
    F getinfo                      F math
    F glyf                         F maxp
    F gpos                         F mvar
    T gposhandlers                 F name
      F chainedcontext             F os/2
```

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F pack                              F skipshort
F parsecharstrings                  F writebyte
F post                              F writecardinal2
F registerextender                  F writecardinal4
F rehash                            F writestring
F sbix                            F svg
F stat                            N tableversion
T streamreader                    F unifymissing
  F close                         F unpack
  F getposition                   F vhea
  F getsize                       F vmtx
  F look                          F vorg
  F open                          F vvar
  F read2dot14                    F woff2otf
  F readbyte                      F registerpalette
  F readbytes                     F registerplugin
  F readbytetable                 F reorderlookups
  F readcardinal                  T sbix
  F readcardinal1                   F topdf
  F readcardinal2                 D sbixcache
  F readcardinal2le               B sbixenabled
  F readcardinal3                 F scriptandlanguage
  F readcardinal3le               F setdynamics
  F readcardinal4                 F setfeatures
  F readcardinal4le               T statistics
  F readchar                        D usedfeatures
  F readfixed2                    F storepdfdata
  F readfixed4                    T svg
  F readinteger                     F filterglyph
  F readinteger1                    F topdf
  F readinteger2                  D svgcache
  F readinteger2le                B svgenabled
  F readinteger3                  T tables
  F readinteger3le                  D baselines
  F readinteger4                    D features
  F readinteger4le                  D featuretypes
  F readsignedbyte                  D languages
  F readstring                      D scripts
  F readtag                       N version
  F setposition                 T pfb
  F size                          F loadvector
  F skip                        T tfm
  F skiplong                      F addtounicode
  F skipposition                  D features
```

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

F setfactor		N Checyrillic	
F setfeature		N Decyrillic	
F setname		N Djecyrillic	
B sharefonts		N Dzecyrillic	
F trytosharefont		N Dzhecyrillic	
N version		N Ecyrillic	
current	function	N Edot	
currentid	function	N Efcyrillic	
definers	table	N Elcyrillic	
F addlookup		N Emcyrillic	
F analyze		N Encyrillic	
F applypostprocessors		N Ercyrillic	
F checkedmode		N Ereversedcyrillic	
F checkedscript		N Escyrillic	
F current		N Fitacyrillic	
S defaultlookup		N Gcedilla	
F define		N Gdot	
F getspecification		N Gecyrillic	
F internal		N Gheupturncyrillic	
F loadfont		N Gjecyrillic	
F makespecification		N Hardsigncyrillic	
T methods		N IAcyrillic	
F install		N IUcyrillic	
D variants		N Icyrillic	
F read		N Idot	
F register		N Iecyrillic	
F registered		N Iicyrillic	
F registersplit		N Iishortcyrillic	
F resetnullfont		N Iocyrillic	
F resolve		N Izhitsacyrillic	
T resolvers		N Jecyrillic	
F file		N Kacyrillic	
F name		N Kcedilla	
F spec		N Khacyrillic	
definetypeface	function	N Kjecyrillic	
encodings	table	N Lcedilla	
T agl		N Ljecyrillic	
D ctxcodes		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 Shacyrillic
N Shchacyrillic
N Softsigncyrillic
N Tcedilla
N Tecyrillic
N Tsecyrillic
N Tshecyrillic
N Ucyrillic
N Udblacute
N Ushortcyrillic
N Vecyrillic
N Yatcyrillic
N Yericyrillic
N Yicyrillic
N Zdot
N Zecyrillic
N Zhecyrillic
N acutecmb
N acyrillic
N afii00208
N afii08941
N afii57694
N afii57695
N afii57700
N afii57705
N afii57723
N alef
N alefmaksurainitialarabic
N alefmaksuramedialarabic
N approximatelyequal
N asteriskaltonearabic
N ayin
N bet
N betdagesh
N blackdownpointingtriangle
N blackleftpointingpointer
N blackrectangle
N blackrightpointingpointer
N blacksmilingface
N blacksquare
N blackuppointingtriangle
N bulletinverse
N cdot
N compass

N dagesh
N dalet
N daletdagesh
N dalethatafpatah
N dalethatafpatahhebrew
N dalethatafsegol
N dalethatafsegolhebrew
N dalethebrew
N dalethiriq
N dalethiriqhebrew
N daletholam
N daletholamhebrew
N daletpatah
N daletpatahhebrew
N daletqamats
N daletqamatshebrew
N daletqubuts
N daletqubutshebrew
N daletsegol
N daletsegolhebrew
N daletsheva
N daletshevahebrew
N dalettsere
N dammaarabic
N dammatanaltonearabic
N dargahebrew
N dbllowline
N decimalseparatorarabic
N dialytikatonos
N dotbelowcmb
N doubleyodpatah
N doubleyodpatahhebrew
N edot
N eightarabic
N eighthnotebeamed
N etnahtafoukhhebrew
N etnahtafoukhlefthebrew
N etnahtahebrew
N fathaarabic
N finalkaf
N finalkafdagesh
N finalkafhebrew
N finalkafqamats
N finalkafqamatshebrew

N finalkafsheva

N finalmem

N finalnun

N finalpe

N finaltsadi

N fivearabic

N forall

N fourarabic

N gcedilla

N gdot

N gimel

N gimeldagesh

N gravecmb

N haaltonearabic

N hamzaarabic

N hamzadammaarabic

N hamzadammatanarabic

N hamzafathaarabic

N hamzafathatanarabic

N hamzalowarabic

N hamzalowkasraarabic

N hamzalowkasratanarabic

N hatafpatah

N hatafpatah16

N hatafpatah23

N hatafpatah2f

N hatafpatahhebrew

N hatafpatahnarrowhebrew

N hatafpatahquarterhebrew

N hatafqamats

N hatafqamats1b

N hatafqamats28

N hatafqamats34

N hatafqamatshebrew

N hatafqamatsnarrowhebrew

N hatafqamatsquarterhebrew

N hatafsegol

N hatafsegol17

N hatafsegol24

N hatafsegol30

N hatafsegolhebrew

N hatafsegolnarrowhebrew

N hatafsegolquarterhebrew

N he

N hedagesh

N hehfinalalttwoarabic

N het

N hiriq

N hiriq14

N hiriq21

N hiriq2d

N hiriqhebrew

N hiriqnarrowhebrew

N hiriqquarterhebrew

N holam

N holam19

N holam26

N holam32

N holamhebrew

N holamnarrowhebrew

N holamquarterhebrew

N ilde

N integralbottom

N integraltop

N kaf

N kafdagesh

N kashidaautoarabic

N kashidaautonosidebearingarabic

N kcedilla

N lamed

N lameddagesh

N lamedhebrew

N lamedholam

N lamedholamdagesh

N lamedholamdageshhebrew

N laminitialarabic

N lammeemjeeminitialarabic

N lcedilla

N logicalnotreversed

N mahapakhhebrew

N mem

N memdagesh

N merkhahebrew

N merkhakefulahebrew

N middot

N munahhebrew

N nbspace

N ncedilla

N newsheqelsign	N qofpatahhebrew
N ninearabic	N qofqamats
N noonhehinitialarabic	N qofqamatshebrew
N nun	N qofqubuts
N nundagesh	N qofqubutshebrew
N odblacute	N qofsegol
N onearabic	N qofsegolhebrew
N overscore	N qofsheva
N patah	N qofshevahebrew
N patah11	N qoftsere
N patah1d	N qubuts
N patah2a	N qubuts18
N patahhebrew	N qubuts25
N patahnarrowhebrew	N qubuts31
N patahquarterhebrew	N qubutshebrew
N pe	N qubutsnarrowhebrew
N pedagesh	N qubutsquarterhebrew
N qamats	N quoteleftreversed
N qamats10	N rafe
N qamats1a	N rcedilla
N qamats1c	N reharabic
N qamats27	N resh
N qamats29	N reshhatafpatah
N qamats33	N reshhatafpatahhebrew
N qamatsde	N reshhatafsegol
N qamatshebrew	N reshhatafsegolhebrew
N qamatsnarrowhebrew	N reshhebrew
N qamatsqatanhebrew	N reshhiriq
N qamatsqatannarrowhebrew	N reshhiriqhebrew
N qamatsqatanquarterhebrew	N reshholam
N qamatsqatanwidehebrew	N reshholamhebrew
N qamatsquarterhebrew	N reshpatah
N qof	N reshpatahhebrew
N qofdagesh	N reshqamats
N qofhatafpatah	N reshqamatshebrew
N qofhatafpatahhebrew	N reshqubuts
N qofhatafsegol	N reshqubutshebrew
N qofhatafsegolhebrew	N reshsegol
N qofhebrew	N reshsegolhebrew
N qofhiriq	N reshsheva
N qofhiriqhebrew	N reshshevahebrew
N qofholam	N reshtsere
N qofholamhebrew	N reviahebrew
N qofpatah	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 sheva22
N sheva2e
N shevahebrew
N shevanarrowhebrew
N shevaquarterhebrew
N shin
N shindagesh
N shindageshshindot
N shindageshsindot
N shinshindot
N shinsindot
N siluqhebrew
N sixarabic
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
N zayin
N zayindagesh
N zdot
N zeroarabic
D unicodes
D cache
T ctxcodes
N AEacute
N AEligature
N AEmacron
N Aacute
N Abreve
N Abreveacute
N Abrevedotbelow
N Abrevegrave
N Abrevehook
N Abrevetilde
N Acaron
N Acircumflex
N Acircumflexacute
N Acircumflexdotbelow
N Acircumflexgrave
N Acircumflexhook
N Acircumflextilde
N Adiaeresis
N Adiaeresismacron
N Adotaccent
N Adotaccentmacron
N Adotbelow
N Adoublegrave

N Agrave	N Eth
N Ahook	N Etilde
N Ainvertedbreve	N Fhook
N Amacron	N Gacute
N Aogonek	N Gbreve
N Aring	N Gcaron
N Aringacute	N Gcircumflex
N Astroke	N Gcommaaccent
N Atilde	N Gdotaccent
N Bhook	N Ghook
N Cacute	N Gstroke
N Ccaron	N Hcaron
N Ccedilla	N Hcircumflex
N Ccircumflex	N Hstroke
N Cdotaccent	N IJligature
N Chook	N Iacute
N Cstroke	N Ibreve
N DZcaronligature	N Icaron
N DZligature	N Icircumflex
N Dafrican	N Idiaeresis
N Dcaron	N Idotaccent
N Dhook	N Idotbelow
N Dstroke	N Idoublegrave
N Dzcaronligature	N Igrave
N Dzligature	N Ihook
N Eacute	N Iinvertedbreve
N Ebreve	N Imacron
N Ecaron	N Iogonek
N Ecedilla	N Istroke
N Ecircumflex	N Itilde
N Ecircumflexacute	N Jcircumflex
N Ecircumflexdotbelow	N Kcaron
N Ecircumflexgrave	N Kcommaaccent
N Ecircumflexhook	N Khook
N Ecircumflextilde	N LJligature
N Ediaeresis	N Lacute
N Edotaccent	N Lbar
N Edotbelow	N Lcaron
N Edoublegrave	N Lcommaaccent
N Egrave	N Ldotmiddle
N Ehook	N Ljligature
N Einvertedbreve	N Lstroke
N Emacron	N NJligature
N Eogonek	N Nacute

N Ncaron	N Rinvertedbreve
N Ncommaaccent	N Sacute
N Neng	N Scaron
N Ngrave	N Scedilla
N Njligature	N Schwa
N Ntilde	N Scircumflex
N OEligature	N Scommaaccent
N Oacute	N Tcaron
N Obreve	N Tcedilla
N Ocaron	N Tcommaaccent
N Ocircumflex	N Thook
N Ocircumflexacute	N Thorn
N Ocircumflexdotbelow	N Tstroke
N Ocircumflexgrave	N Uacute
N Ocircumflexhook	N Ubreve
N Ocircumflextilde	N Ucaron
N Odiaeresis	N Ucircumflex
N Odiaeresismacron	N Udiaeresis
N Odotaccent	N Udiaeresisacute
N Odotaccentmacron	N Udiaeresiscaron
N Odotbelow	N Udiaeresisgrave
N Odoublegrave	N Udiaeresismacron
N Ograve	N Udotbelow
N Ohook	N Udoublegrave
N Ohorn	N Ugrave
N Ohornacute	N Uhook
N Ohorndotbelow	N Uhorn
N Ohorngrave	N Uhornacute
N Ohornhook	N Uhorndotbelow
N Ohorntilde	N Uhorngrave
N Ohungarumlaut	N Uhornhook
N Oinvertedbreve	N Uhorntilde
N Omacron	N Uhungarumlaut
N Oogonek	N Uinvertedbreve
N Oogonekmacron	N Umacron
N Ostroke	N Uogonek
N Ostrokeacute	N Uring
N Otilde	N Utilde
N Otildemacron	N Wcircumflex
N Phook	N Yacute
N Racute	N Ycircumflex
N Rcaron	N Ydiaeresis
N Rcommaaccent	N Ydotbelow
N Rdoublegrave	N Ygrave

N Yhook	N ccaron
N Ymacron	N ccedilla
N Ytilde	N ccircumflex
N Zacute	N ccurl
N Zcaron	N cdotaccent
N Zdotaccent	N chook
N Zhook	N copyright
N Zstroke	N cstroke
N aacute	N cyrillicA
N abreve	N cyrillicAE
N abreveacute	N cyrillicAbreve
N abrevedotbelow	N cyrillicAdiaeresis
N abrevegrave	N cyrillicB
N abrevehook	N cyrillicBIGYUS
N abrevetilde	N cyrillicBIGYUSiotified
N acaron	N cyrillicC
N acircumflex	N cyrillicCH
N acircumflexacute	N cyrillicCHEDC
N acircumflexdotbelow	N cyrillicCHEDCabkhasian
N acircumflexgrave	N cyrillicCHEabkhasian
N acircumflexhook	N cyrillicCHEdiaeresis
N acircumflextilde	N cyrillicCHEkhakassian
N adiaeresis	N cyrillicCHEvertstroke
N adiaeresismacron	N cyrillicD
N adotaccent	N cyrillicDASIAPNEUMATA
N adotaccentmacron	N cyrillicDJE
N adotbelow	N cyrillicDZE
N adoublegrave	N cyrillicDZEabkhasian
N aeacute	N cyrillicDZHE
N aeligature	N cyrillicE
N aemacron	N cyrillicELtail
N agrave	N cyrillicEMtail
N ahook	N cyrillicENDC
N ainvertedbreve	N cyrillicENGHE
N amacron	N cyrillicENhook
N aogonek	N cyrillicENtail
N aring	N cyrillicEREV
N aringacute	N cyrillicERY
N atilde	N cyrillicERtick
N bhook	N cyrillicEbreve
N breakablethinspace	N cyrillicEdiaeresis
N bstroke	N cyrillicEgrave
N cacute	N cyrillicEiotified
N carriagereturn	N cyrillicF

N cyrillicFITA
N cyrillicG
N cyrillicGHEmidhook
N cyrillicGHEstroke
N cyrillicGHEupturn
N cyrillicGJE
N cyrillicH
N cyrillicHA
N cyrillicHADC
N cyrillicHRDSN
N cyrillicI
N cyrillicIE
N cyrillicII
N cyrillicISHRT
N cyrillicISHRTtail
N cyrillicIZHITSA
N cyrillicIZHITSAdoublegrave
N cyrillicIdiaeresis
N cyrillicIgrave
N cyrillicImacron
N cyrillicJE
N cyrillicK
N cyrillicKADC
N cyrillicKAbashkir
N cyrillicKAhook
N cyrillicKAstroke
N cyrillicKAvertstroke
N cyrillicKJE
N cyrillicKOPPA
N cyrillicKSI
N cyrillicL
N cyrillicLITTLEYUS
N cyrillicLITTLEYUSiotified
N cyrillicLJE
N cyrillicM
N cyrillicN
N cyrillicNJE
N cyrillicO
N cyrillicOMEGA
N cyrillicOMEGAround
N cyrillicOMEGAtitlo
N cyrillicOT
N cyrillicObarred
N cyrillicObarreddiaeresis

N cyrillicOdiaeresis
N cyrillicP
N cyrillicPALATALIZATION
N cyrillicPALOCHKA
N cyrillicPEmidhook
N cyrillicPSI
N cyrillicPSILIPNEUMATA
N cyrillicR
N cyrillicS
N cyrillicSCHWA
N cyrillicSCHWAdiaeresis
N cyrillicSDSC
N cyrillicSEMISOFT
N cyrillicSFTSN
N cyrillicSH
N cyrillicSHCH
N cyrillicSHHA
N cyrillicT
N cyrillicTEDC
N cyrillicTETSE
N cyrillicTITLO
N cyrillicTSHE
N cyrillicU
N cyrillicUK
N cyrillicUSHRT
N cyrillicUdiaeresis
N cyrillicUdoubleacute
N cyrillicUmacron
N cyrillicV
N cyrillicYA
N cyrillicYAT
N cyrillicYERUdiaeresis
N cyrillicYI
N cyrillicYO
N cyrillicYU
N cyrillicYstr
N cyrillicYstrstroke
N cyrillicZ
N cyrillicZDSC
N cyrillicZEdiaeresis
N cyrillicZH
N cyrillicZHEbreve
N cyrillicZHEdescender
N cyrillicZHEdiaeresis

N cyrillica
N cyrillicabreve
N cyrillicadiaeresis
N cyrillicae
N cyrillicb
N cyrillicbigyus
N cyrillicbigyusiotified
N cyrillicc
N cyrillicch
N cyrilliccheabkhasian
N cyrillicchedc
N cyrillicchedcabkhasian
N cyrillicchediaeresis
N cyrillicchekhakassian
N cyrillicchevertstroke
N cyrillicd
N cyrillicdje
N cyrillicdze
N cyrillicdzeabkhasian
N cyrillicdzhe
N cyrillice
N cyrillicebreve
N cyrillicediaeresis
N cyrillicegrave
N cyrilliceiotified
N cyrilliceltail
N cyrillicemtail
N cyrillicendc
N cyrillicenghe
N cyrillicenhook
N cyrillicentail
N cyrillicerev
N cyrillicertick
N cyrillicery
N cyrillicf
N cyrillicfita
N cyrillicg
N cyrillicghemidhook
N cyrillicghestroke
N cyrillicgheupturn
N cyrillicgje
N cyrillich
N cyrillicha
N cyrillichadc

N cyrillichrdsn
N cyrillici
N cyrillicidiaeresis
N cyrillicie
N cyrillicigrave
N cyrillicii
N cyrillicimacron
N cyrillicishrt
N cyrillicishrttail
N cyrillicizhitsa
N cyrillicizhitsadoublegrave
N cyrillicje
N cyrillick
N cyrillickabashkir
N cyrillickadc
N cyrillickahook
N cyrillickastroke
N cyrillickavertstroke
N cyrillickje
N cyrillickoppa
N cyrillicksi
N cyrillicl
N cyrilliclittleyus
N cyrilliclittleyusiotified
N cyrilliclje
N cyrillicm
N cyrillicn
N cyrillicnje
N cyrillico
N cyrillicobarred
N cyrillicobarreddiaeresis
N cyrillicodiaeresis
N cyrillicomega
N cyrillicomegaround
N cyrillicomegatitlo
N cyrillicot
N cyrillicp
N cyrillicpemidhook
N cyrillicpsi
N cyrillicr
N cyrillics
N cyrillicschwa
N cyrillicschwadiaeresis
N cyrillicsdsc

N cyrillicsemisoft	N ebreve
N cyrillicsftsn	N ecaron
N cyrillicsh	N ecedilla
N cyrillicshch	N ecircumflex
N cyrillicshha	N ecircumflexacute
N cyrillict	N ecircumflexdotbelow
N cyrillictedc	N ecircumflexgrave
N cyrillictetse	N ecircumflexhook
N cyrillictshe	N ecircumflextilde
N cyrillicu	N ediaeresis
N cyrillicudiaeresis	N edotaccent
N cyrillicudoubleacute	N edotbelow
N cyrillicuk	N edoublegrave
N cyrillicumacron	N egrave
N cyrillicushrt	N ehook
N cyrillicv	N einvertedbreve
N cyrillicya	N emacron
N cyrillicyat	N emdash
N cyrillicyerudiaeresis	N emspace
N cyrillicyi	N endash
N cyrillicyo	N enspace
N cyrillicystr	N eogonek
N cyrillicystrstroke	N etilde
N cyrillicyu	N exclamdown
N cyrillicz	N ffiligature
N cyrilliczdsc	N ffligature
N cyrilliczediaeresis	N fflligature
N cyrilliczh	N fhook
N cyrilliczhebreve	N figurespace
N cyrilliczhedescender	N filigature
N cyrilliczhediaeresis	N fiveeighths
N dcaron	N fivesixths
N dcurl	N flligature
N dhook	N fourfifths
N dotlessI	N fourperemspace
N dotlessJ	N gacute
N dotlessi	N gbreve
N dotlessj	N gcaron
N dotlessjstroke	N gcircumflex
N dstroke	N gcommaaccent
N dtail	N gdotaccent
N dzcaronligature	N greekAlpha
N dzligature	N greekAlphadasia
N eacute	N greekAlphadasiaperispomeni

N greekAlphadasiatonos
N greekAlphadasiavaria
N greekAlphaiotasub
N greekAlphaiotasubdasia
N greekAlphaiotasubdasiaperispomeni
N greekAlphaiotasubdasiatonos
N greekAlphaiotasubdasiavaria
N greekAlphaiotasubpsili
N greekAlphaiotasubpsiliperispomeni
N greekAlphaiotasubpsilitonos
N greekAlphaiotasubpsilivaria
N greekAlphamacron
N greekAlphapsili
N greekAlphapsiliperispomeni
N greekAlphapsilitonos
N greekAlphapsilivaria
N greekAlphatonos
N greekAlphavaria
N greekAlphavrachy
N greekBeta
N greekChi
N greekCoronis
N greekDelta
N greekEpsilon
N greekEpsilondasia
N greekEpsilondasiatonos
N greekEpsilondasiavaria
N greekEpsilonpsili
N greekEpsilonpsilitonos
N greekEpsilonpsilivaria
N greekEpsilontonos
N greekEpsilonvaria
N greekEta
N greekEtadasia
N greekEtadasiaperispomeni
N greekEtadasiatonos
N greekEtadasiavaria
N greekEtaiotasub
N greekEtaiotasubdasia
N greekEtaiotasubdasiaperispomeni
N greekEtaiotasubdasiatonos
N greekEtaiotasubdasiavaria
N greekEtaiotasubpsili
N greekEtaiotasubpsiliperispomeni

N greekEtaiotasubpsilitonos
N greekEtaiotasubpsilivaria
N greekEtapsili
N greekEtapsiliperispomeni
N greekEtapsilitonos
N greekEtapsilivaria
N greekEtatonos
N greekEtavaria
N greekGamma
N greekIota
N greekIotadasia
N greekIotadasiaperispomeni
N greekIotadasiatonos
N greekIotadasiavaria
N greekIotadialytika
N greekIotamacron
N greekIotapsili
N greekIotapsiliperispomeni
N greekIotapsilitonos
N greekIotapsilivaria
N greekIotatonos
N greekIotavaria
N greekIotavrachy
N greekKappa
N greekLambda
N greekMu
N greekNu
N greekOmega
N greekOmegadasia
N greekOmegadasiaperispomeni
N greekOmegadasiatonos
N greekOmegadasiavaria
N greekOmegaiotasub
N greekOmegaiotasubdasia
N greekOmegaiotasubdasiaperispomeni
N greekOmegaiotasubdasiatonos
N greekOmegaiotasubdasiavaria
N greekOmegaiotasubpsili
N greekOmegaiotasubpsiliperispomeni
N greekOmegaiotasubpsilitonos
N greekOmegaiotasubpsilivaria
N greekOmegapsili
N greekOmegapsiliperispomeni
N greekOmegapsilitonos

N greekOmegapsilivaria

N greekOmegatonos

N greekOmegavaria

N greekOmicron

N greekOmicrondasia

N greekOmicrondasiatonos

N greekOmicrondasiavaria

N greekOmicronpsili

N greekOmicronpsilitonos

N greekOmicronpsilivaria

N greekOmicrontonos

N greekOmicronvaria

N greekPhi

N greekPi

N greekPsi

N greekRho

N greekRhodasia

N greekSigma

N greekSigmalunate

N greekTau

N greekTheta

N greekUpsilon

N greekUpsilondasia

N greekUpsilondasiaperispomeni

N greekUpsilondasiatonos

N greekUpsilondasiavaria

N greekUpsilondialytika

N greekUpsilonmacron

N greekUpsilontonos

N greekUpsilonvaria

N greekUpsilonvrachy

N greekXi

N greekZeta

N greekalpha

N greekalphadasia

N greekalphadasiaperispomeni

N greekalphadasiatonos

N greekalphadasiavaria

N greekalphaiotasub

N greekalphaiotasubdasia

N greekalphaiotasubdasiaperispomeni

N greekalphaiotasubdasiatonos

N greekalphaiotasubdasiavaria

N greekalphaiotasubperispomeni

N greekalphaiotasubpsili

N greekalphaiotasubpsiliperispomeni

N greekalphaiotasubpsilitonos

N greekalphaiotasubpsilivaria

N greekalphaiotasubtonos

N greekalphaiotasubvaria

N greekalphamacron

N greekalphaoxia

N greekalphaperispomeni

N greekalphapsili

N greekalphapsiliperispomeni

N greekalphapsilitonos

N greekalphapsilivaria

N greekalphatonos

N greekalphavaria

N greekalphavrachy

N greekbeta

N greekchi

N greekdasia

N greekdasiaperispomeni

N greekdasiatonos

N greekdasiavaria

N greekdelta

N greekdialytikaperispomeni

N greekdialytikatonos

N greekdialytikavaria

N greekdigamma

N greekepsilon

N greekepsilonalt

N greekepsilondasia

N greekepsilondasiatonos

N greekepsilondasiavaria

N greekepsilonoxia

N greekepsilonpsili

N greekepsilonpsilitonos

N greekepsilonpsilivaria

N greekepsilontonos

N greekepsilonvaria

N greeketa

N greeketadasia

N greeketadasiaperispomeni

N greeketadasiatonos

N greeketadasiavaria

N greeketaiotasub

```
N greeketaiotasubdasia                          N greeknu
N greeketaiotasubdasiaperispomeni               N greeknumkoppa
N greeketaiotasubdasiatonos                     N greekomega
N greeketaiotasubdasiavaria                     N greekomegadasia
N greeketaiotasubperispomeni                    N greekomegadasiaperispomeni
N greeketaiotasubpsili                          N greekomegadasiatonos
N greeketaiotasubpsiliperispomeni               N greekomegadasiavaria
N greeketaiotasubpsilitonos                     N greekomegaiotasub
N greeketaiotasubpsilivaria                     N greekomegaiotasubdasia
N greeketaiotasubtonos                          N greekomegaiotasubdasiaperispomeni
N greeketaiotasubvaria                          N greekomegaiotasubdasiatonos
N greeketaoxia                                  N greekomegaiotasubdasiavaria
N greeketaperispomeni                           N greekomegaiotasubperispomeni
N greeketapsili                                 N greekomegaiotasubpsili
N greeketapsiliperispomeni                      N greekomegaiotasubpsiliperispomeni
N greeketapsilitonos                            N greekomegaiotasubpsilitonos
N greeketapsilivaria                            N greekomegaiotasubpsilivaria
N greeketatonos                                 N greekomegaiotasubtonos
N greeketavaria                                 N greekomegaiotasubvaria
N greekfinalsigma                               N greekomegaoxia
N greekgamma                                    N greekomegaperispomeni
N greekiota                                     N greekomegapsili
N greekiotadasia                                N greekomegapsiliperispomeni
N greekiotadasiaperispomeni                     N greekomegapsilitonos
N greekiotadasiatonos                           N greekomegapsilivaria
N greekiotadasiavaria                           N greekomegatonos
N greekiotadialytika                            N greekomegavaria
N greekiotadialytikaperispomeni                 N greekomicron
N greekiotadialytikatonos                       N greekomicrondasia
N greekiotadialytikavaria                       N greekomicrondasiatonos
N greekiotamacron                               N greekomicrondasiavaria
N greekiotaoxia                                 N greekomicronoxia
N greekiotaperispomeni                          N greekomicronpsili
N greekiotapsili                                N greekomicronpsilitonos
N greekiotapsiliperispomeni                     N greekomicronpsilivaria
N greekiotapsilitonos                           N greekomicrontonos
N greekiotapsilivaria                           N greekomicronvaria
N greekiotatonos                                N greekoxia
N greekiotavaria                                N greekperispomeni
N greekiotavrachy                               N greekphi
N greekkappa                                    N greekphialt
N greekkoppa                                    N greekpi
N greeklambda                                   N greekpialt
N greekmu                                       N greekprosgegrammeni
```

N greekpsi	N hcircumflex
N greekpsili	N hebrewAlef
N greekpsiliperispomeni	N hebrewAyin
N greekpsilitonos	N hebrewBet
N greekpsilivaria	N hebrewDalet
N greekrho	N hebrewGimel
N greekrhoalt	N hebrewHe
N greekrhodasia	N hebrewHet
N greekrhopsili	N hebrewKaf
N greeksampi	N hebrewKaffinal
N greeksigma	N hebrewLamed
N greeksigmalunate	N hebrewMem
N greekstigma	N hebrewMemfinal
N greektau	N hebrewNun
N greektheta	N hebrewNunfinal
N greekthetaalt	N hebrewPe
N greektonos	N hebrewPefinal
N greekupsilon	N hebrewQof
N greekupsilondasia	N hebrewResh
N greekupsilondasiaperispomeni	N hebrewSamekh
N greekupsilondasiatonos	N hebrewShin
N greekupsilondasiavaria	N hebrewTav
N greekupsilondiaeresis	N hebrewTet
N greekupsilondialytikaperispomeni	N hebrewTsadi
N greekupsilondialytikatonos	N hebrewTsadifinal
N greekupsilondialytikavaria	N hebrewVav
N greekupsilonmacron	N hebrewYod
N greekupsilonoxia	N hebrewZayin
N greekupsilonperispomeni	N hstroke
N greekupsilonpsili	N iacute
N greekupsilonpsiliperispomeni	N ibreve
N greekupsilonpsilitonos	N icaron
N greekupsilonpsilivaria	N icircumflex
N greekupsilontonos	N ideographichalffillspace
N greekupsilonvaria	N ideographicspace
N greekupsilonvrachy	N idiaeresis
N greekvaria	N idotaccent
N greekxi	N idotbelow
N greekzeta	N idoublegrave
N gstroke	N igrave
N guilsingleleft	N ihook
N guilsingleright	N iinvertedbreve
N hairspace	N ijligature
N hcaron	N imacron

N iogonek
N itilde
N jcaron
N jcircumflex
N kcaron
N kcommaaccent
N khook
N kkra
N lacute
N lbar
N lcaron
N lcommaaccent
N lcurl
N ldotmiddle
N leftguillemot
N ljligature
N lstroke
N medspace
N nacute
N napostrophe
N narrownobreakspace
N ncaron
N ncommaaccent
N ncurl
N neng
N ngrave
N njligature
N nobreakspace
N ntilde
N oacute
N obreve
N ocaron
N ocircumflex
N ocircumflexacute
N ocircumflexdotbelow
N ocircumflexgrave
N ocircumflexhook
N ocircumflextilde
N odiaeresis
N odiaeresismacron
N odotaccent
N odotaccentmacron
N odotbelow
N odoublegrave

N oeligature
N ograve
N ohook
N ohorn
N ohornacute
N ohorndotbelow
N ohorngrave
N ohornhook
N ohorntilde
N ohungarumlaut
N oinvertedbreve
N omacron
N oneeighth
N onefifth
N onehalf
N onequarter
N onesixth
N onesuperior
N onethird
N oogonek
N oogonekmacron
N ordfeminine
N ordmasculine
N ostroke
N ostrokeacute
N otilde
N otildemacron
N paragraphmark
N periodcentered
N perthousand
N phook
N punctuationspace
N questiondown
N quotedbl
N quotedblbase
N quotedblleft
N quotedblright
N quoteleft
N quoteright
N quotesingle
N quotesinglebase
N racute
N rcaron
N rcommaaccent

N rdoublegrave	N seveneighths
N registered	N sixperemspace
N rightguillemot	N slong
N rinvertedbreve	N softhyphen
N romanC	N ssharp
N romanD	N stligature
N romanI	N tcaron
N romanII	N tcedilla
N romanIII	N tcommaaccent
N romanIV	N tcurl
N romanIX	N textAngstrom
N romanL	N textacute
N romanM	N textampersand
N romanV	N textasciicircum
N romanVI	N textasciitilde
N romanVII	N textat
N romanVIII	N textbackslash
N romanX	N textbar
N romanXI	N textbottomcomma
N romanXII	N textbottomdot
N romanc	N textbraceleft
N romand	N textbraceright
N romani	N textbreve
N romanii	N textbrokenbar
N romaniii	N textbullet
N romaniv	N textcaron
N romanix	N textcedilla
N romanl	N textcelsius
N romanm	N textcent
N romanv	N textcircledP
N romanvi	N textcircumflex
N romanvii	N textcomma
N romanviii	N textcurrency
N romanx	N textdag
N romanxi	N textddag
N romanxii	N textdegree
N sacute	N textdiaeresis
N scaron	N textdiv
N scedilla	N textdollar
N schwa	N textdong
N schwahook	N textdotaccent
N scircumflex	N textellipsis
N scommaaccent	N texteuro
N sectionmark	N textfraction

N textgrave	N udiaeresisgrave
N texthash	N udiaeresismacron
N texthorizontalbar	N udotbelow
N texthungarumlaut	N udoublegrave
N texthyphen	N ugrave
N textkelvin	N uhook
N textlognot	N uhorn
N textmacron	N uhornacute
N textmho	N uhorndotbelow
N textminus	N uhorngrave
N textmu	N uhornhook
N textmultiply	N uhorntilde
N textnumero	N uhungarumlaut
N textogonek	N uinvertedbreve
N textohm	N umacron
N textounce	N uogonek
N textpercent	N uring
N textperiod	N utilde
N textpm	N wcircumflex
N textring	N yacute
N textslash	N ycircumflex
N textsterling	N ydiaeresis
N texttilde	N ydotbelow
N textunderscore	N ygrave
N textyen	N yhook
N thook	N ymacron
N thorn	N ytilde
N threeeighths	N zacute
N threefifths	N zcaron
N threeperemspace	N zdotaccent
N threequarter	N zerowidthnobreakspace
N threesuperior	N zerowidthspace
N trademark	N zhook
N tstroke	N zstroke
N twofifths	N zwj
N twosuperior	N zwnj
N twothirds	F is_known
N uacute	D known
N ubreve	F load
N ucaron	F make_unicode_vector
N ucircumflex	D math
N udiaeresis	T names
N udiaeresisacute	T unicodes
N udiaeresiscaron	N A

N AE	N Becyrillic
N AEacute	N Benarmenian
N AEmacron	N Beta
N Aacute	N Bhook
N Abreve	N Blinebelow
N Abreveacute	N Bmonospace
N Abrevecyrillic	N Btopbar
N Abrevedotbelow	N C
N Abrevegrave	N Caarmenian
N Abrevehookabove	N Cacute
N Abrevetilde	N Ccaron
N Acaron	N Ccedilla
N Acircle	N Ccedillaacute
N Acircumflex	N Ccircle
N Acircumflexacute	N Ccircumflex
N Acircumflexdotbelow	N Cdot
N Acircumflexgrave	N Cdotaccent
N Acircumflexhookabove	N Chaarmenian
N Acircumflextilde	N Cheabkhasiancyrillic
N Acyrillic	N Checyrillic
N Adblgrave	N Chedescenderabkhasiancyrillic
N Adieresis	N Chedescendercyrillic
N Adieresiscyrillic	N Chedieresiscyrillic
N Adieresismacron	N Cheharmenian
N Adotbelow	N Chekhakassiancyrillic
N Adotmacron	N Cheverticalstrokecyrillic
N Agrave	N Chi
N Ahookabove	N Chook
N Aiecyrillic	N Cmonospace
N Ainvertedbreve	N Coarmenian
N Alpha	N D
N Alphatonos	N DZ
N Amacron	N DZcaron
N Amonospace	N Daarmenian
N Aogonek	N Dafrican
N Aring	N Dcaron
N Aringacute	N Dcedilla
N Aringbelow	N Dcircle
N Atilde	N Dcircumflexbelow
N Aybarmenian	N Dcroat
N B	N Ddotaccent
N Bcircle	N Ddotbelow
N Bdotaccent	N Decyrillic
N Bdotbelow	N Deicoptic

N Delta
N Deltagreek
N Dhook
N Digammagreek
N Djecyrillic
N Dlinebelow
N Dmonospace
N Dslash
N Dtopbar
N Dz
N Dzcaron
N Dzeabkhasiancyrillic
N Dzecyrillic
N Dzhecyrillic
N E
N Eacute
N Ebreve
N Ecaron
N Ecedillabreve
N Echarmenian
N Ecircle
N Ecircumflex
N Ecircumflexacute
N Ecircumflexbelow
N Ecircumflexdotbelow
N Ecircumflexgrave
N Ecircumflexhookabove
N Ecircumflextilde
N Ecyrillic
N Edblgrave
N Edieresis
N Edot
N Edotaccent
N Edotbelow
N Efcyrillic
N Egrave
N Eharmenian
N Ehookabove
N Eightroman
N Einvertedbreve
N Eiotifiedcyrillic
N Elcyrillic
N Elevenroman
N Emacron

N Emacronacute
N Emacrongrave
N Emcyrillic
N Emonospace
N Encyrillic
N Endescendercyrillic
N Eng
N Enghecyrillic
N Enhookcyrillic
N Eogonek
N Eopen
N Epsilon
N Epsilontonos
N Ercyrillic
N Ereversed
N Ereversedcyrillic
N Escyrillic
N Esdescendercyrillic
N Esh
N Eta
N Etarmenian
N Etatonos
N Eth
N Etilde
N Etildebelow
N Euro
N Ezh
N Ezhcaron
N Ezhreversed
N F
N Fcircle
N Fdotaccent
N Feharmenian
N Feicoptic
N Fhook
N Fitacyrillic
N Fiveroman
N Fmonospace
N Fourroman
N G
N GBsquare
N Gacute
N Gamma
N Gammaafrican

N Gangiacoptic	N IJ
N Gbreve	N IUcyrillic
N Gcaron	N Iacute
N Gcedilla	N Ibreve
N Gcircle	N Icaron
N Gcircumflex	N Icircle
N Gcommaaccent	N Icircumflex
N Gdot	N Icyrillic
N Gdotaccent	N Idblgrave
N Gecyrillic	N Idieresis
N Ghadarmenian	N Idieresisacute
N Ghemiddlehookcyrillic	N Idieresiscyrillic
N Ghestrokecyrillic	N Idot
N Gheupturncyrillic	N Idotaccent
N Ghook	N Idotbelow
N Gimarmenian	N Iebrevecyrillic
N Gjecyrillic	N Iecyrillic
N Gmacron	N Ifraktur
N Gmonospace	N Igrave
N Gsmallhook	N Ihookabove
N Gstroke	N Iicyrillic
N H	N Iinvertedbreve
N H18533	N Iishortcyrillic
N H18543	N Imacron
N H18551	N Imacroncyrillic
N H22073	N Imonospace
N HPsquare	N Iniarmenian
N Haabkhasiancyrillic	N Iocyrillic
N Hadescendercyrillic	N Iogonek
N Hardsigncyrillic	N Iota
N Hbar	N Iotaafrican
N Hbrevebelow	N Iotadieresis
N Hcedilla	N Iotatonos
N Hcircle	N Istroke
N Hcircumflex	N Itilde
N Hdieresis	N Itildebelow
N Hdotaccent	N Izhitsacyrillic
N Hdotbelow	N Izhitsadblgravecyrillic
N Hmonospace	N J
N Hoarmenian	N Jaarmenian
N Horicoptic	N Jcircle
N Hzsquare	N Jcircumflex
N I	N Jecyrillic
N IAcyrillic	N Jheharmenian

N Jmonospace

N K

N KBsquare

N KKsquare

N Kabashkircyrillic

N Kacute

N Kacyrillic

N Kadescendercyrillic

N Kahookcyrillic

N Kappa

N Kastrokecyrillic

N Kaverticalstrokecyrillic

N Kcaron

N Kcedilla

N Kcircle

N Kcommaaccent

N Kdotbelow

N Keharmenian

N Kenarmenian

N Khacyrillic

N Kheicoptic

N Khook

N Kjecyrillic

N Klinebelow

N Kmonospace

N Koppacyrillic

N Koppagreek

N Ksicyrillic

N L

N LJ

N Lacute

N Lambda

N Lcaron

N Lcedilla

N Lcircle

N Lcircumflexbelow

N Lcommaaccent

N Ldot

N Ldotaccent

N Ldotbelow

N Ldotbelowmacron

N Liwnarmenian

N Lj

N Ljecyrillic

N Llinebelow

N Lmonospace

N Lslash

N M

N MBsquare

N Macute

N Mcircle

N Mdotaccent

N Mdotbelow

N Menarmenian

N Mmonospace

N Mturned

N Mu

N N

N NJ

N Nacute

N Ncaron

N Ncedilla

N Ncircle

N Ncircumflexbelow

N Ncommaaccent

N Ndotaccent

N Ndotbelow

N Nhookleft

N Nineroman

N Nj

N Njecyrillic

N Nlinebelow

N Nmonospace

N Nowarmenian

N Ntilde

N Nu

N O

N OE

N Oacute

N Obarredcyrillic

N Obarreddieresiscyrillic

N Obreve

N Ocaron

N Ocenteredtilde

N Ocircle

N Ocircumflex

N Ocircumflexacute

N Ocircumflexdotbelow

N Ocircumflexgrave	N Otildedieresis
N Ocircumflexhookabove	N P
N Ocircumflextilde	N Pacute
N Ocyrillic	N Pcircle
N Odblacute	N Pdotaccent
N Odblgrave	N Pecyrillic
N Odieresis	N Peharmenian
N Odieresiscyrillic	N Pemiddlehookcyrillic
N Odotbelow	N Phi
N Ograve	N Phook
N Oharmenian	N Pi
N Ohm	N Piwrarmenian
N Ohookabove	N Pmonospace
N Ohorn	N Psi
N Ohornacute	N Psicyrillic
N Ohorndotbelow	N Q
N Ohorngrave	N Qcircle
N Ohornhookabove	N Qmonospace
N Ohorntilde	N R
N Ohungarumlaut	N Raarmenian
N Oi	N Racute
N Oinvertedbreve	N Rcaron
N Omacron	N Rcedilla
N Omacronacute	N Rcircle
N Omacrongrave	N Rcommaaccent
N Omega	N Rdblgrave
N Omegacyrillic	N Rdotaccent
N Omegagreek	N Rdotbelow
N Omegaroundcyrillic	N Rdotbelowmacron
N Omegatitlocyrillic	N Reharmenian
N Omegatonos	N Rfraktur
N Omicron	N Rho
N Omicrontonos	N Rinvertedbreve
N Omonospace	N Rlinebelow
N Oneroman	N Rmonospace
N Oogonek	N Rsmallinverted
N Oogonekmacron	N Rsmallinvertedsuperior
N Oopen	N S
N Oslash	N SF010000
N Oslashacute	N SF020000
N Ostrokeacute	N SF030000
N Otcyrillic	N SF040000
N Otilde	N SF050000
N Otildeacute	N SF060000

N SF070000	N Sacutedotaccent
N SF080000	N Sampigreek
N SF090000	N Scaron
N SF10000	N Scarondotaccent
N SF100000	N Scedilla
N SF110000	N Schwa
N SF190000	N Schwacyrillic
N SF20000	N Schwadieresiscyrillic
N SF200000	N Scircle
N SF210000	N Scircumflex
N SF220000	N Scommaaccent
N SF230000	N Sdotaccent
N SF240000	N Sdotbelow
N SF250000	N Sdotbelowdotaccent
N SF260000	N Seharmenian
N SF270000	N Sevenroman
N SF280000	N Shaarmenian
N SF30000	N Shacyrillic
N SF360000	N Shchacyrillic
N SF370000	N Sheicoptic
N SF380000	N Shhacyrillic
N SF390000	N Shimacoptic
N SF40000	N Sigma
N SF400000	N Sixroman
N SF410000	N Smonospace
N SF420000	N Softsigncyrillic
N SF430000	N Stigmagreek
N SF440000	N T
N SF450000	N Tau
N SF460000	N Tbar
N SF470000	N Tcaron
N SF480000	N Tcedilla
N SF490000	N Tcircle
N SF50000	N Tcircumflexbelow
N SF500000	N Tcommaaccent
N SF510000	N Tdotaccent
N SF520000	N Tdotbelow
N SF530000	N Tecyrillic
N SF540000	N Tedescendercyrillic
N SF60000	N Tenroman
N SF70000	N Tetsecyrillic
N SF80000	N Theta
N SF90000	N Thook
N Sacute	N Thorn

N Threeroman

N Tiwnarmenian

N Tlinebelow

N Tmonospace

N Toarmenian

N Tonefive

N Tonesix

N Tonetwo

N Tretroflexhook

N Tsecyrillic

N Tshecyrillic

N Twelveroman

N Tworoman

N U

N Uacute

N Ubreve

N Ucaron

N Ucircle

N Ucircumflex

N Ucircumflexbelow

N Ucyrillic

N Udblacute

N Udblgrave

N Udieresis

N Udieresisacute

N Udieresisbelow

N Udieresiscaron

N Udieresiscyrillic

N Udieresisgrave

N Udieresismacron

N Udotbelow

N Ugrave

N Uhookabove

N Uhorn

N Uhornacute

N Uhorndotbelow

N Uhorngrave

N Uhornhookabove

N Uhorntilde

N Uhungarumlaut

N Uhungarumlautcyrillic

N Uinvertedbreve

N Ukcyrillic

N Umacron

N Umacroncyrillic

N Umacrondieresis

N Umonospace

N Uogonek

N Upsilon

N Upsilon1

N Upsilonacutehooksymbolgreek

N Upsilonafrican

N Upsilondieresis

N Upsilondieresishooksymbolgreek

N Upsilonhooksymbol

N Upsilontonos

N Uring

N Ushortcyrillic

N Ustraightcyrillic

N Ustraightstrokecyrillic

N Utilde

N Utildeacute

N Utildebelow

N V

N Vcircle

N Vdotbelow

N Vecyrillic

N Vewarmenian

N Vhook

N Vmonospace

N Voarmenian

N Vtilde

N W

N Wacute

N Wcircle

N Wcircumflex

N Wdieresis

N Wdotaccent

N Wdotbelow

N Wgrave

N Wmonospace

N X

N Xcircle

N Xdieresis

N Xdotaccent

N Xeharmenian

N Xi

N Xmonospace

N Y
N Yacute
N Yatcyrillic
N Ycircle
N Ycircumflex
N Ydieresis
N Ydotaccent
N Ydotbelow
N Yericyrillic
N Yerudieresiscyrillic
N Ygrave
N Yhook
N Yhookabove
N Yiarmenian
N Yicyrillic
N Yiwnarmenian
N Ymonospace
N Ytilde
N Yusbigcyrillic
N Yusbigiotifiedcyrillic
N Yuslittlecyrillic
N Yuslittleiotifiedcyrillic
N Z
N Zaarmenian
N Zacute
N Zcaron
N Zcircle
N Zcircumflex
N Zdot
N Zdotaccent
N Zdotbelow
N Zecyrillic
N Zedescendercyrillic
N Zedieresiscyrillic
N Zeta
N Zhearmenian
N Zhebrevecyrillic
N Zhecyrillic
N Zhedescendercyrillic
N Zhedieresiscyrillic
N Zlinebelow
N Zmonospace
N Zstroke
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N aabengali
N aacute
N aadeva
N aagujarati
N aagurmukhi
N aamatragurmukhi
N aarusquare
N aavowelsignbengali
N aavowelsigndeva
N aavowelsigngujarati
N abbreviationmarkarmenian
N abbreviationsigndeva
N abengali
N abopomofo
N abreve
N abreveacute
N abrevecyrillic
N abrevedotbelow
N abrevegrave
N abrevehookabove
N abrevetilde
N acaron
N acircle
N acircumflex
N acircumflexacute
N acircumflexdotbelow
N acircumflexgrave
N acircumflexhookabove
N acircumflextilde
N acute
N acutebelowcmb
N acutecmb
N acutecomb
N acutedeva
N acutelowmod
N acutetonecmb
N acyrillic
N adblgrave
N addakgurmukhi
N adeva
N adieresis
N adieresiscyrillic
N adieresismacron
N adotbelow

N adotmacron
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N afii57679	N afii61664
N afii57680	N afii63167
N afii57681	N afii64937
N afii57682	N agrave
N afii57683	N agujarati
N afii57684	N agurmukhi
N afii57685	N ahiragana
N afii57686	N ahookabove
N afii57687	N aibengali
N afii57688	N aibopomofo
N afii57689	N aideva
N afii57690	N aiecyrillic
N afii57694	N aigujarati
N afii57695	N aigurmukhi
N afii57700	N aimatragurmukhi
N afii57705	N ainarabic
N afii57716	N ainfinalarabic
N afii57717	N aininitialarabic
N afii57718	N ainmedialarabic
N afii57723	N ainvertedbreve

N aivowelsignbengali	N anoteleia
N aivowelsigndeva	N anudattadeva
N aivowelsigngujarati	N anusvarabengali
N akatakana	N anusvaradeva
N akatakanahalfwidth	N anusvaragujarati
N akorean	N aogonek
N alef	N apaatosquare
N alefarabic	N aparen
N alefdageshhebrew	N apostrophearmenian
N aleffinalarabic	N apostrophemod
N alefhamzaabovearabic	N apple
N alefhamzaabovefinalarabic	N approaches
N alefhamzabelowarabic	N approxequal
N alefhamzabelowfinalarabic	N approxequalorimage
N alefhebrew	N approximatelyequal
N aleflamedhebrew	N araeaekorean
N alefmaddaabovearabic	N araeakorean
N alefmaddaabovefinalarabic	N arc
N alefmaksuraarabic	N arighthalfring
N alefmaksurafinalarabic	N aring
N alefmaksurainitialarabic	N aringacute
N alefmaksuramedialarabic	N aringbelow
N alefpatahhebrew	N arrowboth
N alefqamatshebrew	N arrowdashdown
N aleph	N arrowdashleft
N allequal	N arrowdashright
N alpha	N arrowdashup
N alphatonos	N arrowdblboth
N amacron	N arrowdbldown
N amonospace	N arrowdblleft
N ampersand	N arrowdblright
N ampersandmonospace	N arrowdblup
N amsquare	N arrowdown
N anbopomofo	N arrowdownleft
N angbopomofo	N arrowdownright
N angkhankhuthai	N arrowdownwhite
N angle	N arrowheaddownmod
N anglebracketleft	N arrowheadleftmod
N anglebracketleftvertical	N arrowheadrightmod
N anglebracketright	N arrowheadupmod
N anglebracketrightvertical	N arrowleft
N angleleft	N arrowleftdbl
N angleright	N arrowleftdblstroke
N angstrom	N arrowleftoverright

N arrowleftwhite
N arrowright
N arrowrightdblstroke
N arrowrightheavy
N arrowrightoverleft
N arrowrightwhite
N arrowtableft
N arrowtabright
N arrowup
N arrowupdn
N arrowupdnbse
N arrowupdownbase
N arrowupleft
N arrowupleftofdown
N arrowupright
N arrowupwhite
N asciicircum
N asciicircummonospace
N asciitilde
N asciitildemonospace
N ascript
N ascriptturned
N asmallhiragana
N asmallkatakana
N asmallkatakanahalfwidth
N asterisk
N asteriskaltonearabic
N asteriskarabic
N asteriskmath
N asteriskmonospace
N asterisksmall
N asterism
N asymptoticallyequal
N at
N atilde
N atmonospace
N atsmall
N aturned
N aubengali
N aubopomofo
N audeva
N augujarati
N augurmukhi
N aulengthmarkbengali

N aumatragurmukhi
N auvowelsignbengali
N auvowelsigndeva
N auvowelsigngujarati
N avagrahadeva
N aybarmenian
N ayin
N ayinaltonehebrew
N ayinhebrew
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N backslashmonospace
N badeva
N bagujarati
N bagurmukhi
N bahiragana
N bahtthai
N bakatakana
N bar
N barmonospace
N bbopomofo
N bcircle
N bdotaccent
N bdotbelow
N beamedsixteenthnotes
N because
N becyrillic
N beharabic
N behfinalarabic
N behinitialarabic
N behiragana
N behmedialarabic
N behmeeminitialarabic
N behmeemisolatedarabic
N behnoonfinalarabic
N bekatakana
N benarmenian
N bet
N beta
N betasymbolgreek
N betdagesh
N betdageshhebrew
N bethebrew

N betrafehebrew
N bhabengali
N bhadeva
N bhagujarati
N bhagurmukhi
N bhook
N bihiragana
N bikatakana
N bilabialclick
N bindigurmukhi
N birusquare
N blackcircle
N blackdiamond
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N blackleftpointingpointer
N blackleftpointingtriangle
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N blacklenticularbracketleftvertical
N blacklenticularbracketright
N blacklenticularbracketrightvertical
N blacklowerlefttriangle
N blacklowerrighttriangle
N blackrectangle
N blackrightpointingpointer
N blackrightpointingtriangle
N blacksmallsquare
N blacksmilingface
N blacksquare
N blackstar
N blackupperlefttriangle
N blackupperrighttriangle
N blackuppointingsmalltriangle
N blackuppointingtriangle
N blank
N blinebelow
N block
N bmonospace
N bobaimaithai
N bohiragana
N bokatakana
N bparen
N bqsquare
N braceleft
N braceleftmonospace

N braceleftsmall
N braceleftvertical
N braceright
N bracerightmonospace
N bracerightsmall
N bracerightvertical
N bracketleft
N bracketleftmonospace
N bracketright
N bracketrightmonospace
N breve
N brevebelowcmb
N brevecmb
N breveinvertedbelowcmb
N breveinvertedcmb
N breveinverteddoublecmb
N bridgebelowcmb
N bridgeinvertedbelowcmb
N brokenbar
N bstroke
N btopbar
N buhiragana
N bukatakana
N bullet
N bulletinverse
N bulletoperator
N bullseye
N c
N caarmenian
N cabengali
N cacute
N cadeva
N cagujarati
N cagurmukhi
N calsquare
N candrabindubengali
N candrabinducmb
N candrabindudeva
N candrabindugujarati
N capslock
N careof
N caron
N caronbelowcmb
N caroncmb

N carriagereturn

N cbopomofo

N ccaron

N ccedilla

N ccedillaacute

N ccircle

N ccircumflex

N ccurl

N cdot

N cdotaccent

N cdsquare

N cedilla

N cedillacmb

N cent

N centigrade

N centmonospace

N chaarmenian

N chabengali

N chadeva

N chagujarati

N chagurmukhi

N chbopomofo

N cheabkhasiancyrillic

N checkmark

N checyrillic

N chedescenderabkhasiancyrillic

N chedescendercyrillic

N chedieresiscyrillic

N cheharmenian

N chekhakassiancyrillic

N cheverticalstrokecyrillic

N chi

N chieuchacirclekorean

N chieuchaparenkorean

N chieuchcirclekorean

N chieuchkorean

N chieuchparenkorean

N chochangthai

N chochanthai

N chochingthai

N chochoethai

N chook

N cieucacirclekorean

N cieucaparenkorean

N cieuccirclekorean

N cieuckorean

N cieucparenkorean

N cieucuparenkorean

N circle

N circlemultiply

N circleot

N circleplus

N circlepostalmark

N circlewithlefthalfblack

N circlewithrighthalfblack

N circumflex

N circumflexbelowcmb

N circumflexcmb

N clear

N clickalveolar

N clickdental

N clicklateral

N clickretroflex

N club

N clubsuitblack

N clubsuitwhite

N cmcubedsquare

N cmonospace

N cmsquaredsquare

N coarmenian

N colon

N colonmonetary

N colonmonospace

N colonsign

N colonsmall

N colontriangularhalfmod

N colontriangularmod

N comma

N commaabovecmb

N commaaboverightcmb

N commaarabic

N commaarmenian

N commamonospace

N commareversedabovecmb

N commareversedmod

N commasmall

N commaturnedabovecmb

N commaturnedmod

N compass
N congruent
N contourintegral
N control
N controlACK
N controlBEL
N controlBS
N controlCAN
N controlCR
N controlDC1
N controlDC2
N controlDC3
N controlDC4
N controlDEL
N controlDLE
N controlEM
N controlENQ
N controlEOT
N controlESC
N controlETB
N controlETX
N controlFF
N controlFS
N controlGS
N controlHT
N controlLF
N controlNAK
N controlRS
N controlSI
N controlSO
N controlSOT
N controlSTX
N controlSUB
N controlSYN
N controlUS
N controlVT
N copyright
N cornerbracketleft
N cornerbracketlefthalfwidth
N cornerbracketleftvertical
N cornerbracketright
N cornerbracketrighthalfwidth
N cornerbracketrightvertical
N corporationsquare

N cosquare
N coverkgsquare
N cparen
N cruzeiro
N cstretched
N curlyand
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N currency
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N daarmenian
N dabengali
N dadarabic
N dadeva
N dadfinalarabic
N dadinitialarabic
N dadmedialarabic
N dagesh
N dageshhebrew
N dagger
N daggerdbl
N dagujarati
N dagurmukhi
N dahiragana
N dakatakana
N dalarabic
N dalet
N daletdagesh
N daletdageshhebrew
N dalethatafpatah
N dalethatafpatahhebrew
N dalethatafsegol
N dalethatafsegolhebrew
N dalethebrew
N dalethiriq
N dalethiriqhebrew
N daletholam
N daletholamhebrew
N daletpatah
N daletpatahhebrew
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N daletqamatshebrew
N daletqubuts
N daletqubutshebrew
N daletsegol

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N dalettserehebrew
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N dammaarabic
N dammalowarabic
N dammatanaltonearabic
N dammatanarabic
N danda
N dargahebrew
N dargalefthebrew
N dasiapneumatacyrilliccmb
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N dblanglebracketleftvertical
N dblanglebracketright
N dblanglebracketrightvertical
N dblarchinvertedbelowcmb
N dblarrowleft
N dblarrowright
N dbldanda
N dblgravecmb
N dblintegral
N dbllowline
N dbllowlinecmb
N dbloverlinecmb
N dblprimemod
N dblverticalbar
N dblverticallineabovecmb
N dbopomofo
N dbsquare
N dcaron
N dcedilla
N dcircle
N dcircumflexbelow
N dcroat
N ddabengali
N ddadeva
N ddagujarati
N ddagurmukhi
N ddalarabic
N ddalfinalarabic
N dddhadeva

N ddhabengali
N ddhadeva
N ddhagujarati
N ddhagurmukhi
N ddotaccent
N ddotbelow
N decimalseparatorarabic
N decimalseparatorpersian
N decyrillic
N degree
N dehihebrew
N dehiragana
N deicoptic
N dekatakana
N deleteleft
N deleteright
N delta
N deltaturned
N denominatorminusonenumeratorbengali
N dezh
N dhabengali
N dhadeva
N dhagujarati
N dhagurmukhi
N dhook
N dialytikatonos
N dialytikatonoscmb
N diamond
N diamondsuitwhite
N dieresis
N dieresisbelowcmb
N dieresiscmb
N dieresistonos
N dihiragana
N dikatakana
N dittomark
N divide
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N divisionslash
N djecyrillic
N dkshade
N dlinebelow
N dlsquare
N dmacron

N dmonospace
N dnblock
N dochadathai
N dodekthai
N dohiragana
N dokatakana
N dollar
N dollarmonospace
N dollarsmall
N dong
N dorusquare
N dotaccent
N dotaccentcmb
N dotbelowcmb
N dotbelowcomb
N dotkatakana
N dotlessi
N dotlessj
N dotlessjstrokehook
N dotmath
N dottedcircle
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N doubleyodpatahhebrew
N downtackbelowcmb
N downtackmod
N dparen
N dtail
N dtopbar
N duhiragana
N dukatakana
N dz
N dzaltone
N dzcaron
N dzcurl
N dzeabkhasiancyrillic
N dzecyrillic
N dzhecyrillic
N e
N eacute
N earth
N ebengali
N ebopomofo
N ebreve
N ecandradeva

N ecandragujarati
N ecandravowelsigndeva
N ecandravowelsigngujarati
N ecaron
N ecedillabreve
N echarmenian
N echyiwnarmenian
N ecircle
N ecircumflex
N ecircumflexacute
N ecircumflexbelow
N ecircumflexdotbelow
N ecircumflexgrave
N ecircumflexhookabove
N ecircumflextilde
N ecyrillic
N edblgrave
N edeva
N edieresis
N edot
N edotaccent
N edotbelow
N eegurmukhi
N eematragurmukhi
N efcyrillic
N egrave
N egujarati
N eharmenian
N ehbopomofo
N ehiragana
N ehookabove
N eibopomofo
N eight
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N eightbengali
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N eightcircleinversesansserif
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N eighteenperiod
N eightgujarati
N eightgurmukhi
N eighthackarabic

N eighthangzhou

N eighthnotebeamed

N eightideographicparen

N eightinferior

N eightmonospace

N eightparen

N eightperiod

N eightpersian

N eightroman

N eightsuperior

N eightthai

N einvertedbreve

N eiotifiedcyrillic

N ekatakana

N ekatakanahalfwidth

N ekonkargurmukhi

N ekorean

N elcyrillic

N element

N elevencircle

N elevenparen

N elevenperiod

N elevenroman

N ellipsis

N ellipsisvertical

N emacron

N emacronacute

N emacrongrave

N emcyrillic

N emdash

N emdashvertical

N emonospace

N emphasismarkarmenian

N emptyset

N enbopomofo

N encyrillic

N endash

N endashvertical

N endescendercyrillic

N eng

N engbopomofo

N enghecyrillic

N enhookcyrillic

N enspace

N eogonek

N eokorean

N eopen

N eopenclosed

N eopenreversed

N eopenreversedclosed

N eopenreversedhook

N eparen

N epsilon

N epsilontonos

N equal

N equalmonospace

N equalsmall

N equalsuperior

N equivalence

N erbopomofo

N ercyrillic

N ereversed

N ereversedcyrillic

N escyrillic

N esdescendercyrillic

N esh

N eshcurl

N eshortdeva

N eshortvowelsigndeva

N eshreversedloop

N eshsquatreversed

N esmallhiragana

N esmallkatakana

N esmallkatakanahalfwidth

N estimated

N eta

N etarmenian

N etatonos

N eth

N etilde

N etildebelow

N etnahtafoukhhebrew

N etnahtafoukhlefthebrew

N etnahtahebrew

N etnahtalefthebrew

N eturned

N eukorean

N euro

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N evowelsigndeva
N evowelsigngujarati
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N exclamarmenian
N exclamdbl
N exclamdown
N exclammonospace
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N ezh
N ezhcaron
N ezhcurl
N ezhreversed
N ezhtail
N f
N fadeva
N fagurmukhi
N fahrenheit
N fathaarabic
N fathalowarabic
N fathatanarabic
N fbopomofo
N fcircle
N fdotaccent
N feharabic
N feharmenian
N fehfinalarabic
N fehinitialarabic
N fehmedialarabic
N feicoptic
N female
N ff
N ffi
N ffl
N fi
N fifteencircle
N fifteenparen
N fifteenperiod
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N filledrect
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N finalkafdageshhebrew

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N finalkafqamatshebrew
N finalkafsheva
N finalkafshevahebrew
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N finalmemhebrew
N finalnun
N finalnunhebrew
N finalpe
N finalpehebrew
N finaltsadi
N finaltsadihebrew
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N fisheye
N fitacyrillic
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N fivebengali
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N fivecircleinversesansserif
N fivedeva
N fiveeighths
N fivegujarati
N fivegurmukhi
N fivehackarabic
N fivehangzhou
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N fiveinferior
N fivemonospace
N fiveparen
N fiveperiod
N fivepersian
N fiveroman
N fivesuperior
N fivethai
N fl
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N fofathai
N fongmanthai
N forall

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N fourhackarabic
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N fourinferior
N fourmonospace
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N fourparen
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N fourroman
N foursuperior
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N gafinitialarabic
N gafmedialarabic
N gagujarati
N gagurmukhi
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N gakatakana
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N gammalatinsmall
N gammasuperior
N gangiacoptic
N gbopomofo

N gbreve
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N gcedilla
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N gcommaaccent
N gdot
N gdotaccent
N gecyrillic
N gehiragana
N gekatakana
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N gereshaccenthebrew
N gereshhebrew
N gereshmuqdamhebrew
N germandbls
N gershayimaccenthebrew
N gershayimhebrew
N getamark
N ghabengali
N ghadarmenian
N ghadeva
N ghagujarati
N ghagurmukhi
N ghainarabic
N ghainfinalarabic
N ghaininitialarabic
N ghainmedialarabic
N ghemiddlehookcyrillic
N ghestrokecyrillic
N gheupturncyrillic
N ghhadeva
N ghhagurmukhi
N ghook
N ghzsquare
N gihiragana
N gikatakana
N gimarmenian
N gimel
N gimeldagesh
N gimeldageshhebrew
N gimelhebrew
N gjecyrillic
N glottalinvertedstroke

N glottalstop	N habengali
N glottalstopinverted	N hadescendercyrillic
N glottalstopmod	N hadeva
N glottalstopreversed	N hagujarati
N glottalstopreversedmod	N hagurmukhi
N glottalstopreversedsuperior	N haharabic
N glottalstopstroke	N hahfinalarabic
N glottalstopstrokereversed	N hahinitialarabic
N gmacron	N hahiragana
N gmonospace	N hahmedialarabic
N gohiragana	N haitusquare
N gokatakana	N hakatakana
N gparen	N hakatakanahalfwidth
N gpasquare	N halantgurmukhi
N gradient	N hamzaarabic
N grave	N hamzadammaarabic
N gravebelowcmb	N hamzadammatanarabic
N gravecmb	N hamzafathaarabic
N gravecomb	N hamzafathatanarabic
N gravedeva	N hamzalowarabic
N gravelowmod	N hamzalowkasraarabic
N gravemonospace	N hamzalowkasratanarabic
N gravetonecmb	N hamzasukunarabic
N greater	N hangulfiller
N greaterequal	N hardsigncyrillic
N greaterequalorless	N harpoonleftbarbup
N greatermonospace	N harpoonrightbarbup
N greaterorequivalent	N hasquare
N greaterorless	N hatafpatah
N greateroverequal	N hatafpatah16
N greatersmall	N hatafpatah23
N gscript	N hatafpatah2f
N gstroke	N hatafpatahhebrew
N guhiragana	N hatafpatahnarrowhebrew
N guillemotleft	N hatafpatahquarterhebrew
N guillemotright	N hatafpatahwidehebrew
N guilsinglleft	N hatafqamats
N guilsinglright	N hatafqamats1b
N gukatakana	N hatafqamats28
N guramusquare	N hatafqamats34
N gysquare	N hatafqamatshebrew
N h	N hatafqamatsnarrowhebrew
N haabkhasiancyrillic	N hatafqamatsquarterhebrew
N haaltonearabic	N hatafqamatswidehebrew

N hatafsegol
N hatafsegol17
N hatafsegol24
N hatafsegol30
N hatafsegolhebrew
N hatafsegolnarrowhebrew
N hatafsegolquarterhebrew
N hatafsegolwidehebrew
N hbar
N hbopomofo
N hbrevebelow
N hcedilla
N hcircle
N hcircumflex
N hdieresis
N hdotaccent
N hdotbelow
N he
N heart
N heartsuitblack
N heartsuitwhite
N hedagesh
N hedageshhebrew
N hehaltonearabic
N heharabic
N hehebrew
N hehfinalaltonearabic
N hehfinalalttwoarabic
N hehfinalarabic
N hehhamzaabovefinalarabic
N hehhamzaaboveisolatedarabic
N hehinitialaltonearabic
N hehinitialarabic
N hehiragana
N hehmedialaltonearabic
N hehmedialarabic
N heiseierasquare
N hekatakana
N hekatakanahalfwidth
N hekutaarusquare
N henghook
N herutusquare
N het
N hethebrew

N hhook
N hhooksuperior
N hieuhacirclekorean
N hieuhaparenkorean
N hieuhcirclekorean
N hieuhkorean
N hieuhparenkorean
N hihiragana
N hikatakana
N hikatakanahalfwidth
N hiriq
N hiriq14
N hiriq21
N hiriq2d
N hiriqhebrew
N hiriqnarrowhebrew
N hiriqquarterhebrew
N hiriqwidehebrew
N hlinebelow
N hmonospace
N hoarmenian
N hohipthai
N hohiragana
N hokatakana
N hokatakanahalfwidth
N holam
N holam19
N holam26
N holam32
N holamhebrew
N holamnarrowhebrew
N holamquarterhebrew
N holamwidehebrew
N honokhukthai
N hookabovecomb
N hookcmb
N hookpalatalizedbelowcmb
N hookretroflexbelowcmb
N hoonsquare
N horicoptic
N horizontalbar
N horncmb
N hotsprings
N house

N hparen
N hsuperior
N hturned
N huhiragana
N huiitosquare
N hukatakana
N hukatakanahalfwidth
N hungarumlaut
N hungarumlautcmb
N hv
N hyphen
N hyphenmonospace
N hyphensmall
N hyphentwo
N i
N iacute
N iacyrillic
N ibengali
N ibopomofo
N ibreve
N icaron
N icircle
N icircumflex
N icyrillic
N idblgrave
N ideographearthcircle
N ideographfirecircle
N ideographicallianceparen
N ideographiccallparen
N ideographiccentrecircle
N ideographicclose
N ideographiccomma
N ideographiccommaleft
N ideographiccongratulationparen
N ideographiccorrectcircle
N ideographicearthparen
N ideographicenterpriseparen
N ideographicexcellentcircle
N ideographicfestivalparen
N ideographicfinancialcircle
N ideographicfinancialparen
N ideographicfireparen
N ideographichaveparen
N ideographichighcircle

N ideographiciterationmark
N ideographiclaborcircle
N ideographiclaborparen
N ideographicleftcircle
N ideographiclowcircle
N ideographicmedicinecircle
N ideographicmetalparen
N ideographicmoonparen
N ideographicnameparen
N ideographicperiod
N ideographicprintcircle
N ideographicreachparen
N ideographicrepresentparen
N ideographicresourceparen
N ideographicrightcircle
N ideographicsecretcircle
N ideographicselfparen
N ideographicsocietyparen
N ideographicspace
N ideographicspecialparen
N ideographicstockparen
N ideographicstudyparen
N ideographicsunparen
N ideographicsuperviseparen
N ideographicwaterparen
N ideographicwoodparen
N ideographiczero
N ideographmetalcircle
N ideographmooncircle
N ideographnamecircle
N ideographsuncircle
N ideographwatercircle
N ideographwoodcircle
N ideva
N idieresis
N idieresisacute
N idieresiscyrillic
N idotbelow
N iebrevecyrillic
N iecyrillic
N ieungacirclekorean
N ieungaparenkorean
N ieungcirclekorean
N ieungkorean

N ieungparenkorean
N igrave
N igujarati
N igurmukhi
N ihiragana
N ihookabove
N iibengali
N iicyrillic
N iideva
N iigujarati
N iigurmukhi
N iimatragurmukhi
N iinvertedbreve
N iishortcyrillic
N iivowelsignbengali
N iivowelsigndeva
N iivowelsigngujarati
N ij
N ikatakana
N ikatakanahalfwidth
N ikorean
N ilde
N iluyhebrew
N imacron
N imacroncyrillic
N imageorapproximatelyequal
N imatragurmukhi
N imonospace
N increment
N infinity
N iniarmenian
N integral
N integralbottom
N integralbt
N integraltop
N integraltp
N intersection
N intisquare
N invbullet
N invcircle
N invsmileface
N iocyrillic
N iogonek
N iota

N iotadieresis
N iotadieresistonos
N iotalatin
N iotatonos
N iparen
N irigurmukhi
N ismallhiragana
N ismallkatakana
N ismallkatakanahalfwidth
N issharbengali
N istroke
N iterationhiragana
N iterationkatakana
N itilde
N itildebelow
N iubopomofo
N iucyrillic
N ivowelsignbengali
N ivowelsigndeva
N ivowelsigngujarati
N izhitsacyrillic
N izhitsadblgravecyrillic
N j
N jaarmenian
N jabengali
N jadeva
N jagujarati
N jagurmukhi
N jbopomofo
N jcaron
N jcircle
N jcircumflex
N jcrossedtail
N jdotlessstroke
N jecyrillic
N jeemarabic
N jeemfinalarabic
N jeeminitialarabic
N jeemmedialarabic
N jeharabic
N jehfinalarabic
N jhabengali
N jhadeva
N jhagujarati

N jhagurmukhi
N jheharmenian
N jis
N jmonospace
N jparen
N jsuperior
N k
N kabashkircyrillic
N kabengali
N kacute
N kacyrillic
N kadescendercyrillic
N kadeva
N kaf
N kafarabic
N kafdagesh
N kafdageshhebrew
N kaffinalarabic
N kafhebrew
N kafinitialarabic
N kafmedialarabic
N kafrafehebrew
N kagujarati
N kagurmukhi
N kahiragana
N kahookcyrillic
N kakatakana
N kakatakanahalfwidth
N kappa
N kappasymbolgreek
N kapyeounmieumkorean
N kapyeounphieuphkorean
N kapyeounpieupkorean
N kapyeounssangpieupkorean
N karoriisquare
N kashidaautoarabic
N kashidaautonosidebearingarabic
N kasmallkatakana
N kasquare
N kasraarabic
N kasratanarabic
N kastrokecyrillic
N katahiraprolongmarkhalfwidth
N kaverticalstrokecyrillic

N kbopomofo
N kcalsquare
N kcaron
N kcedilla
N kcircle
N kcommaaccent
N kdotbelow
N keharmenian
N kehiragana
N kekatakana
N kekatakanahalfwidth
N kenarmenian
N kesmallkatakana
N kgreenlandic
N khabengali
N khacyrillic
N khadeva
N khagujarati
N khagurmukhi
N khaharabic
N khahfinalarabic
N khahinitialarabic
N khahmedialarabic
N kheicoptic
N khhadeva
N khhagurmukhi
N khieukhacirclekorean
N khieukhaparenkorean
N khieukhcirclekorean
N khieukhkorean
N khieukhparenkorean
N khokhaithai
N khokhonthai
N khokhuatthai
N khokhwaithai
N khomutthai
N khook
N khorakhangthai
N khzsquare
N kihiragana
N kikatakana
N kikatakanahalfwidth
N kiroguramusquare
N kiromeetorusquare

N kirosquare
N kiyeokacirclekorean
N kiyeokaparenkorean
N kiyeokcirclekorean
N kiyeokkorean
N kiyeokparenkorean
N kiyeoksioskorean
N kjecyrillic
N klinebelow
N klsquare
N kmcubedsquare
N kmonospace
N kmsquaredsquare
N kohiragana
N kohmsquare
N kokaithai
N kokatakana
N kokatakanahalfwidth
N kooposquare
N koppacyrillic
N koreanstandardsymbol
N koroniscmb
N kparen
N kpasquare
N ksicyrillic
N ktsquare
N kturned
N kuhiragana
N kukatakana
N kukatakanahalfwidth
N kvsquare
N kwsquare
N l
N labengali
N lacute
N ladeva
N lagujarati
N lagurmukhi
N lakkhangyaothai
N lamaleffinalarabic
N lamalefhamzaabovefinalarabic
N lamalefhamzaaboveisolatedarabic
N lamalefhamzabelowfinalarabic
N lamalefhamzabelowisolatedarabic

N lamalefisolatedarabic
N lamalefmaddaabovefinalarabic
N lamalefmaddaaboveisolatedarabic
N lamarabic
N lambda
N lambdastroke
N lamed
N lameddagesh
N lameddageshhebrew
N lamedhebrew
N lamedholam
N lamedholamdagesh
N lamedholamdageshhebrew
N lamedholamhebrew
N lamfinalarabic
N lamhahinitialarabic
N laminitialarabic
N lamjeeminitialarabic
N lamkhahinitialarabic
N lamlamhehisolatedarabic
N lammedialarabic
N lammeemhahinitialarabic
N lammeeminitialarabic
N lammeemjeeminitialarabic
N lammeemkhahinitialarabic
N largecircle
N lbar
N lbelt
N lbopomofo
N lcaron
N lcedilla
N lcircle
N lcircumflexbelow
N lcommaaccent
N ldot
N ldotaccent
N ldotbelow
N ldotbelowmacron
N leftangleabovecmb
N lefttackbelowcmb
N less
N lessequal
N lessequalorgreater
N lessmonospace

N lessorequivalent	N mabengali
N lessorgreater	N macron
N lessoverequal	N macronbelowcmb
N lesssmall	N macroncmb
N lezh	N macronlowmod
N lfblock	N macronmonospace
N lhookretroflex	N macute
N lira	N madeva
N liwnarmenian	N magujarati
N lj	N magurmukhi
N ljecyrillic	N mahapakhhebrew
N lladeva	N mahapakhlefthebrew
N llagujarati	N mahiragana
N llinebelow	N maichattawathai
N llladeva	N maiekthai
N llvocalicbengali	N maihanakatthai
N llvocalicdeva	N maitaikhuthai
N llvocalicvowelsignbengali	N maithothai
N llvocalicvowelsigndeva	N maitrithai
N lmiddletilde	N maiyamokthai
N lmonospace	N makatakana
N lmsquare	N makatakanahalfwidth
N lochulathai	N male
N logicaland	N mansyonsquare
N logicalnot	N maqafhebrew
N logicalnotreversed	N mars
N logicalor	N masoracirclehebrew
N lolingthai	N masquare
N longs	N mbopomofo
N lowlinecenterline	N mbsquare
N lowlinecmb	N mcircle
N lowlinedashed	N mcubedsquare
N lozenge	N mdotaccent
N lparen	N mdotbelow
N lslash	N meemarabic
N lsquare	N meemfinalarabic
N ltshade	N meeminitialarabic
N luthai	N meemmedialarabic
N lvocalicbengali	N meemmeeminitialarabic
N lvocalicdeva	N meemmeemisolatedarabic
N lvocalicvowelsignbengali	N meetorusquare
N lvocalicvowelsigndeva	N mehiragana
N lxsquare	N meizierasquare
N m	N mekatakana

N mekatakanahalfwidth
N mem
N memdagesh
N memdageshhebrew
N memhebrew
N menarmenian
N merkhahebrew
N merkhakefulahebrew
N merkhakefulalefthebrew
N merkhalefthebrew
N mhook
N mhzsquare
N middledotkatakanahalfwidth
N middot
N mieumacirclekorean
N mieumaparenkorean
N mieumcirclekorean
N mieumkorean
N mieumpansioskorean
N mieumparenkorean
N mieumpieupkorean
N mieumsioskorean
N mihiragana
N mikatakana
N mikatakanahalfwidth
N minus
N minusbelowcmb
N minuscircle
N minusmod
N minusplus
N minute
N miribaarusquare
N mirisquare
N mlonglegturned
N mlsquare
N mmcubedsquare
N mmonospace
N mmsquaredsquare
N mohiragana
N mohmsquare
N mokatakana
N mokatakanahalfwidth
N molsquare
N momathai

N moverssquare
N moverssquaredsquare
N mparen
N mpasquare
N mssquare
N mturned
N mu
N mu1
N muasquare
N muchgreater
N muchless
N mufsquare
N mugreek
N mugsquare
N muhiragana
N mukatakana
N mukatakanahalfwidth
N mulsquare
N multiply
N mumsquare
N munahhebrew
N munahlefthebrew
N musicalnote
N musicalnotedbl
N musicflatsign
N musicsharpsign
N mussquare
N muvsquare
N muwsquare
N mvmegasquare
N mvsquare
N mwmegasquare
N mwsquare
N n
N nabengali
N nabla
N nacute
N nadeva
N nagujarati
N nagurmukhi
N nahiragana
N nakatakana
N nakatakanahalfwidth
N napostrophe

N nasquare
N nbopomofo
N nbspace
N ncaron
N ncedilla
N ncircle
N ncircumflexbelow
N ncommaaccent
N ndotaccent
N ndotbelow
N nehiragana
N nekatakana
N nekatakanahalfwidth
N newsheqelsign
N nfsquare
N ngabengali
N ngadeva
N ngagujarati
N ngagurmukhi
N ngonguthai
N nhiragana
N nhookleft
N nhookretroflex
N nieunacirclekorean
N nieunaparenkorean
N nieuncieuckorean
N nieuncirclekorean
N nieunhieuhkorean
N nieunkorean
N nieunpansioskorean
N nieunparenkorean
N nieunsioskorean
N nieuntikeutkorean
N nihiragana
N nikatakana
N nikatakanahalfwidth
N nikhahitthai
N nine
N ninearabic
N ninebengali
N ninecircle
N ninecircleinversesansserif
N ninedeva
N ninegujarati

N ninegurmukhi
N ninehackarabic
N ninehangzhou
N nineideographicparen
N nineinferior
N ninemonospace
N nineparen
N nineperiod
N ninepersian
N nineroman
N ninesuperior
N nineteencircle
N nineteenparen
N nineteenperiod
N ninethai
N nj
N njecyrillic
N nkatakana
N nkatakanahalfwidth
N nlegrightlong
N nlinebelow
N nmonospace
N nmsquare
N nnabengali
N nnadeva
N nnagujarati
N nnagurmukhi
N nnnadeva
N nohiragana
N nokatakana
N nokatakanahalfwidth
N nonbreakingspace
N nonenthai
N nonuthai
N noonarabic
N noonfinalarabic
N noonghunnaarabic
N noonghunnafinalarabic
N noonhehinitialarabic
N nooninitialarabic
N noonjeeminitialarabic
N noonjeemisolatedarabic
N noonmedialarabic
N noonmeeminitialarabic

N noonmeemisolatedarabic
N noonnoonfinalarabic
N notcontains
N notelement
N notelementof
N notequal
N notgreater
N notgreaternorequal
N notgreaternorless
N notidentical
N notless
N notlessnorequal
N notparallel
N notprecedes
N notsubset
N notsucceeds
N notsuperset
N nowarmenian
N nparen
N nssquare
N nsuperior
N ntilde
N nu
N nuhiragana
N nukatakana
N nukatakanahalfwidth
N nuktabengali
N nuktadeva
N nuktagujarati
N nuktagurmukhi
N numbersign
N numbersignmonospace
N numbersignsmall
N numeralsigngreek
N numeralsignlowergreek
N numero
N nun
N nundagesh
N nundageshhebrew
N nunhebrew
N nvsquare
N nwsquare
N nyabengali
N nyadeva

N nyagujarati
N nyagurmukhi
N o
N oacute
N oangthai
N obarred
N obarredcyrillic
N obarreddieresiscyrillic
N obengali
N obopomofo
N obreve
N ocandradeva
N ocandragujarati
N ocandravowelsigndeva
N ocandravowelsigngujarati
N ocaron
N ocircle
N ocircumflex
N ocircumflexacute
N ocircumflexdotbelow
N ocircumflexgrave
N ocircumflexhookabove
N ocircumflextilde
N ocyrillic
N odblacute
N odblgrave
N odeva
N odieresis
N odieresiscyrillic
N odotbelow
N oe
N oekorean
N ogonek
N ogonekcmb
N ograve
N ogujarati
N oharmenian
N ohiragana
N ohookabove
N ohorn
N ohornacute
N ohorndotbelow
N ohorngrave
N ohornhookabove

N ohorntilde

N ohungarumlaut

N oi

N oinvertedbreve

N okatakana

N okatakanahalfwidth

N okorean

N olehebrew

N omacron

N omacronacute

N omacrongrave

N omdeva

N omega

N omega1

N omegacyrillic

N omegalatinclosed

N omegaroundcyrillic

N omegatitlocyrillic

N omegatonos

N omgujarati

N omicron

N omicrontonos

N omonospace

N one

N onearabic

N onebengali

N onecircle

N onecircleinversesansserif

N onedeva

N onedotenleader

N oneeighth

N onegujarati

N onegurmukhi

N onehackarabic

N onehalf

N onehangzhou

N oneideographicparen

N oneinferior

N onemonospace

N onenumeratorbengali

N oneparen

N oneperiod

N onepersian

N onequarter

N oneroman

N onesuperior

N onethai

N onethird

N oogonek

N oogonekmacron

N oogurmukhi

N oomatragurmukhi

N oopen

N oparen

N openbullet

N option

N ordfeminine

N ordmasculine

N orthogonal

N oshortdeva

N oshortvowelsigndeva

N oslash

N oslashacute

N osmallhiragana

N osmallkatakana

N osmallkatakanahalfwidth

N ostrokeacute

N otcyrillic

N otilde

N otildeacute

N otildedieresis

N oubopomofo

N overline

N overlinecenterline

N overlinecmb

N overlinedashed

N overlinedblwavy

N overlinewavy

N overscore

N ovowelsignbengali

N ovowelsigndeva

N ovowelsigngujarati

N p

N paampssquare

N paasentosquare

N pabengali

N pacute

N padeva

N pagedown
N pageup
N pagujarati
N pagurmukhi
N pahiragana
N paiyannoithai
N pakatakana
N palatalizationcyrilliccmb
N palochkacyrillic
N pansioskorean
N paragraph
N parallel
N parenleft
N parenleftaltonearabic
N parenleftinferior
N parenleftmonospace
N parenleftsmall
N parenleftsuperior
N parenleftvertical
N parenright
N parenrightaltonearabic
N parenrightinferior
N parenrightmonospace
N parenrightsmall
N parenrightsuperior
N parenrightvertical
N partialdiff
N paseqhebrew
N pashtahebrew
N pasquare
N patah
N patah11
N patah1d
N patah2a
N patahhebrew
N patahnarrowhebrew
N patahquarterhebrew
N patahwidehebrew
N pazerhebrew
N pbopomofo
N pcircle
N pdotaccent
N pe
N pecyrillic

N pedagesh
N pedageshhebrew
N peezisquare
N pefinaldageshhebrew
N peharabic
N peharmenian
N pehebrew
N pehfinalarabic
N pehinitialarabic
N pehiragana
N pehmedialarabic
N pekatakana
N pemiddlehookcyrillic
N perafehebrew
N percent
N percentarabic
N percentmonospace
N percentsmall
N period
N periodarmenian
N periodcentered
N periodhalfwidth
N periodmonospace
N periodsmall
N perispomenigreekcmb
N perpendicular
N perthousand
N peseta
N pfsquare
N phabengali
N phadeva
N phagujarati
N phagurmukhi
N phi
N phi1
N phieuphacirclekorean
N phieuphaparenkorean
N phieuphcirclekorean
N phieuphkorean
N phieuphparenkorean
N philatin
N phinthuthai
N phisymbolgreek
N phook

N phophanthai	N product
N phophungthai	N projective
N phosamphaothai	N prolongedkana
N pi	N propellor
N pieupacirclekorean	N propersubset
N pieupaparenkorean	N propersuperset
N pieupcieuckorean	N proportion
N pieupcirclekorean	N proportional
N pieupkiyeokkorean	N psi
N pieupkorean	N psicyrillic
N pieupparenkorean	N psilipneumatacyrilliccmb
N pieupsioskiyeokkorean	N pssquare
N pieupsioskorean	N puhiragana
N pieupsiostikeutkorean	N pukatakana
N pieupthieuthkorean	N pvsquare
N pieuptikeutkorean	N pwsquare
N pihiragana	N q
N pikatakana	N qadeva
N pisymbolgreek	N qadmahebrew
N piwrarmenian	N qafarabic
N plus	N qaffinalarabic
N plusbelowcmb	N qafinitialarabic
N pluscircle	N qafmedialarabic
N plusminus	N qamats
N plusmod	N qamats10
N plusmonospace	N qamats1a
N plussmall	N qamats1c
N plussuperior	N qamats27
N pmonospace	N qamats29
N pmsquare	N qamats33
N pohiragana	N qamatsde
N pointingindexdownwhite	N qamatshebrew
N pointingindexleftwhite	N qamatsnarrowhebrew
N pointingindexrightwhite	N qamatsqatanhebrew
N pointingindexupwhite	N qamatsqatannarrowhebrew
N pokatakana	N qamatsqatanquarterhebrew
N poplathai	N qamatsqatanwidehebrew
N postalmark	N qamatsquarterhebrew
N postalmarkface	N qamatswidehebrew
N pparen	N qarneyparahebrew
N precedes	N qbopomofo
N prescription	N qcircle
N primemod	N qhook
N primereversed	N qmonospace

N qof
N qofdagesh
N qofdageshhebrew
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 qoftserehebrew
N qparen
N quarternote
N qubuts
N qubuts18
N qubuts25
N qubuts31
N qubutshebrew
N qubutsnarrowhebrew
N qubutsquarterhebrew
N qubutswidehebrew
N question
N questionarabic
N questionarmenian
N questiondown
N questiongreek
N questionmonospace
N quotedbl
N quotedblbase
N quotedblleft
N quotedblmonospace

N quotedblprime
N quotedblprimereversed
N quotedblright
N quoteleft
N quoteleftreversed
N quotereversed
N quoteright
N quoterightn
N quotesinglbase
N quotesingle
N quotesinglemonospace
N r
N raarmenian
N rabengali
N racute
N radeva
N radical
N radoverssquare
N radoverssquaredsquare
N radsquare
N rafe
N rafehebrew
N ragujarati
N ragurmukhi
N rahiragana
N rakatakana
N rakatakanahalfwidth
N ralowerdiagonalbengali
N ramiddlediagonalbengali
N ramshorn
N ratio
N rbopomofo
N rcaron
N rcedilla
N rcircle
N rcommaaccent
N rdblgrave
N rdotaccent
N rdotbelow
N rdotbelowmacron
N referencemark
N reflexsubset
N reflexsuperset
N registered

N reharabic	N rieulacirclekorean
N reharmenian	N rieulaparenkorean
N rehfinalarabic	N rieulcirclekorean
N rehiragana	N rieulhieuhkorean
N rehyehaleflamarabic	N rieulkiyeokkorean
N rekatakana	N rieulkiyeoksioskorean
N rekatakanahalfwidth	N rieulkorean
N resh	N rieulmieumkorean
N reshdageshhebrew	N rieulpansioskorean
N reshhatafpatah	N rieulparenkorean
N reshhatafpatahhebrew	N rieulphieuphkorean
N reshhatafsegol	N rieulpieupkorean
N reshhatafsegolhebrew	N rieulpieupsioskorean
N reshhebrew	N rieulsioskorean
N reshhiriq	N rieulthieuthkorean
N reshhiriqhebrew	N rieultikeutkorean
N reshholam	N rieulyeorinhieuhkorean
N reshholamhebrew	N rightangle
N reshpatah	N righttackbelowcmb
N reshpatahhebrew	N righttriangle
N reshqamats	N rihiragana
N reshqamatshebrew	N rikatakana
N reshqubuts	N rikatakanahalfwidth
N reshqubutshebrew	N ring
N reshsegol	N ringbelowcmb
N reshsegolhebrew	N ringcmb
N reshsheva	N ringhalfleft
N reshshevahebrew	N ringhalfleftarmenian
N reshtsere	N ringhalfleftbelowcmb
N reshtserehebrew	N ringhalfleftcentered
N reversedtilde	N ringhalfright
N reviahebrew	N ringhalfrightbelowcmb
N reviamugrashhebrew	N ringhalfrightcentered
N revlogicalnot	N rinvertedbreve
N rfishhook	N rittorusquare
N rfishhookreversed	N rlinebelow
N rhabengali	N rlongleg
N rhadeva	N rlonglegturned
N rho	N rmonospace
N rhook	N rohiragana
N rhookturned	N rokatakana
N rhookturnedsuperior	N rokatakanahalfwidth
N rhosymbolgreek	N roruathai
N rhotichookmod	N rparen

N rrabengali
N rradeva
N rragurmukhi
N rreharabic
N rrehfinalarabic
N rrvocalicbengali
N rrvocalicdeva
N rrvocalicgujarati
N rrvocalicvowelsignbengali
N rrvocalicvowelsigndeva
N rrvocalicvowelsigngujarati
N rtblock
N rturned
N rturnedsuperior
N ruhiragana
N rukatakana
N rukatakanahalfwidth
N rupeemarkbengali
N rupeesignbengali
N ruthai
N rvocalicbengali
N rvocalicdeva
N rvocalicgujarati
N rvocalicvowelsignbengali
N rvocalicvowelsigndeva
N rvocalicvowelsigngujarati
N s
N sabengali
N sacute
N sacutedotaccent
N sadarabic
N sadeva
N sadfinalarabic
N sadinitialarabic
N sadmedialarabic
N sagujarati
N sagurmukhi
N sahiragana
N sakatakana
N sakatakanahalfwidth
N sallallahoualayhewasallamarabic
N samekh
N samekhdagesh
N samekhdageshhebrew

N samekhhebrew
N saraaathai
N saraaethai
N saraaimaimalaithai
N saraaimaimuanthai
N saraamthai
N saraathai
N saraethai
N saraiithai
N saraithai
N saraothai
N saraueethai
N sarauethai
N sarauthai
N sarauuthai
N sbopomofo
N scaron
N scarondotaccent
N scedilla
N schwa
N schwacyrillic
N schwadieresiscyrillic
N schwahook
N scircle
N scircumflex
N scommaaccent
N sdotaccent
N sdotbelow
N sdotbelowdotaccent
N seagullbelowcmb
N second
N secondtonechinese
N section
N seenarabic
N seenfinalarabic
N seeninitialarabic
N seenmedialarabic
N segol
N segol13
N segol1f
N segol2c
N segolhebrew
N segolnarrowhebrew
N segolquarterhebrew

N segoltahebrew	N shaddafathaarabic
N segolwidehebrew	N shaddafathatanarabic
N seharmenian	N shaddakasraarabic
N sehiragana	N shaddakasratanarabic
N sekatakana	N shade
N sekatakanahalfwidth	N shadedark
N semicolon	N shadelight
N semicolonarabic	N shademedium
N semicolonmonospace	N shadeva
N semicolonsmall	N shagujarati
N semivoicedmarkkana	N shagurmukhi
N semivoicedmarkkanahalfwidth	N shalshelethebrew
N sentisquare	N shbopomofo
N sentosquare	N shchacyrillic
N seven	N sheenarabic
N sevenarabic	N sheenfinalarabic
N sevenbengali	N sheeninitialarabic
N sevencircle	N sheenmedialarabic
N sevencircleinversesansserif	N sheicoptic
N sevendeva	N sheqel
N seveneighths	N sheqelhebrew
N sevengujarati	N sheva
N sevengurmukhi	N sheva115
N sevenhackarabic	N sheva15
N sevenhangzhou	N sheva22
N sevenideographicparen	N sheva2e
N seveninferior	N shevahebrew
N sevenmonospace	N shevanarrowhebrew
N sevenparen	N shevaquarterhebrew
N sevenperiod	N shevawidehebrew
N sevenpersian	N shhacyrillic
N sevenroman	N shimacoptic
N sevensuperior	N shin
N seventeencircle	N shindagesh
N seventeenparen	N shindageshhebrew
N seventeenperiod	N shindageshshindot
N seventhai	N shindageshshindothebrew
N sfthyphen	N shindageshsindot
N shaarmenian	N shindageshsindothebrew
N shabengali	N shindothebrew
N shacyrillic	N shinhebrew
N shaddaarabic	N shinshindot
N shaddadammaarabic	N shinshindothebrew
N shaddadammatanarabic	N shinsindot

N shinsindothebrew
N shook
N sigma
N sigma1
N sigmafinal
N sigmalunatesymbolgreek
N sihiragana
N sikatakana
N sikatakanahalfwidth
N siluqhebrew
N siluqlefthebrew
N similar
N sindothebrew
N siosacirclekorean
N siosaparenkorean
N sioscieuckorean
N sioscirclekorean
N sioskiyeokkorean
N sioskorean
N siosnieunkorean
N siosparenkorean
N siospieupkorean
N siostikeutkorean
N six
N sixarabic
N sixbengali
N sixcircle
N sixcircleinversesansserif
N sixdeva
N sixgujarati
N sixgurmukhi
N sixhackarabic
N sixhangzhou
N sixideographicparen
N sixinferior
N sixmonospace
N sixparen
N sixperiod
N sixpersian
N sixroman
N sixsuperior
N sixteencircle
N sixteencurrencydenominatorbengali
N sixteenparen

N sixteenperiod
N sixthai
N slash
N slashmonospace
N slong
N slongdotaccent
N smileface
N smonospace
N sofpasuqhebrew
N softhyphen
N softsigncyrillic
N sohiragana
N sokatakana
N sokatakanahalfwidth
N soliduslongoverlaycmb
N solidusshortoverlaycmb
N sorusithai
N sosalathai
N sosothai
N sosuathai
N space
N spacehackarabic
N spade
N spadesuitblack
N spadesuitwhite
N sparen
N squarebelowcmb
N squarecc
N squarecm
N squarediagonalcrosshatchfill
N squarehorizontalfill
N squarekg
N squarekm
N squarekmcapital
N squareln
N squarelog
N squaremg
N squaremil
N squaremm
N squaremsquared
N squareorthogonalcrosshatchfill
N squareupperlefttolowerrightfill
N squareupperrighttolowerleftfill
N squareverticalfill

N squarewhitewithsmallblack	N tahmedialarabic
N srsquare	N taisyouerasquare
N ssabengali	N takatakana
N ssadeva	N takatakanahalfwidth
N ssagujarati	N tatweelarabic
N ssangcieuckorean	N tau
N ssanghieuhkorean	N tav
N ssangieungkorean	N tavdages
N ssangkiyeokkorean	N tavdagesh
N ssangnieunkorean	N tavdageshhebrew
N ssangpieupkorean	N tavhebrew
N ssangsioskorean	N tbar
N ssangtikeutkorean	N tbopomofo
N sterling	N tcaron
N sterlingmonospace	N tccurl
N strokelongoverlaycmb	N tcedilla
N strokeshortoverlaycmb	N tcheharabic
N subset	N tchehfinalarabic
N subsetnotequal	N tchehinitialarabic
N subsetorequal	N tchehmedialarabic
N succeeds	N tchehmeeminitialarabic
N suchthat	N tcircle
N suhiragana	N tcircumflexbelow
N sukatakana	N tcommaaccent
N sukatakanahalfwidth	N tdieresis
N sukunarabic	N tdotaccent
N summation	N tdotbelow
N sun	N tecyrillic
N superset	N tedescendercyrillic
N supersetnotequal	N teharabic
N supersetorequal	N tehfinalarabic
N svsquare	N tehhahinitialarabic
N syouwaerasquare	N tehhahisolatedarabic
N t	N tehinitialarabic
N tabengali	N tehiragana
N tackdown	N tehjeeminitialarabic
N tackleft	N tehjeemisolatedarabic
N tadeva	N tehmarbutaarabic
N tagujarati	N tehmarbutafinalarabic
N tagurmukhi	N tehmedialarabic
N taharabic	N tehmeeminitialarabic
N tahfinalarabic	N tehmeemisolatedarabic
N tahinitialarabic	N tehnoonfinalarabic
N tahiragana	N tekatakana

N tekatakanahalfwidth
N telephone
N telephoneblack
N telishagedolahebrew
N telishaqetanahebrew
N tencircle
N tenideographicparen
N tenparen
N tenperiod
N tenroman
N tesh
N tet
N tetdagesh
N tetdageshhebrew
N tethebrew
N tetsecyrillic
N tevirhebrew
N tevirlefthebrew
N thabengali
N thadeva
N thagujarati
N thagurmukhi
N thalarabic
N thalfinalarabic
N thanthakhatthai
N theharabic
N thehfinalarabic
N thehinitialarabic
N thehmedialarabic
N thereexists
N therefore
N theta
N theta1
N thetasymbolgreek
N thieuthacirclekorean
N thieuthaparenkorean
N thieuthcirclekorean
N thieuthkorean
N thieuthparenkorean
N thirteencircle
N thirteenparen
N thirteenperiod
N thonangmonthothai
N thook

N thophuthaothai
N thorn
N thothahanthai
N thothanthai
N thothongthai
N thothungthai
N thousandcyrillic
N thousandsseparatorarabic
N thousandsseparatorpersian
N three
N threearabic
N threebengali
N threecircle
N threecircleinversesansserif
N threedeva
N threeeighths
N threegujarati
N threegurmukhi
N threehackarabic
N threehangzhou
N threeideographicparen
N threeinferior
N threemonospace
N threenumeratorbengali
N threeparen
N threeperiod
N threepersian
N threequarters
N threeroman
N threesuperior
N threethai
N thzsquare
N tihiragana
N tikatakana
N tikatakanahalfwidth
N tikeutacirclekorean
N tikeutaparenkorean
N tikeutcirclekorean
N tikeutkorean
N tikeutparenkorean
N tilde
N tildebelowcmb
N tildecmb
N tildecomb

N tildedoublecmb	N tsadidagesh
N tildeoperator	N tsadidageshhebrew
N tildeoverlaycmb	N tsadihebrew
N tildeverticalcmb	N tsecyrillic
N timescircle	N tsere
N tipehahebrew	N tsere12
N tipehalefthebrew	N tsere1e
N tippigurmukhi	N tsere2b
N titlocyrilliccmb	N tserehebrew
N tiwnarmenian	N tserenarrowhebrew
N tlinebelow	N tserequarterhebrew
N tmonospace	N tserewidehebrew
N toarmenian	N tshecyrillic
N tohiragana	N ttabengali
N tokatakana	N ttadeva
N tokatakanahalfwidth	N ttagujarati
N tonebarextrahighmod	N ttagurmukhi
N tonebarextralowmod	N tteharabic
N tonebarhighmod	N ttehfinalarabic
N tonebarlowmod	N ttehinitialarabic
N tonebarmidmod	N ttehmedialarabic
N tonefive	N tthabengali
N tonesix	N tthadeva
N tonetwo	N tthagujarati
N tonos	N tthagurmukhi
N tonsquare	N tturned
N topatakthai	N tuhiragana
N tortoiseshellbracketleft	N tukatakana
N tortoiseshellbracketleftsmall	N tukatakanahalfwidth
N tortoiseshellbracketleftvertical	N tusmallhiragana
N tortoiseshellbracketright	N tusmallkatakana
N tortoiseshellbracketrightsmall	N tusmallkatakanahalfwidth
N tortoiseshellbracketrightvertical	N twelvecircle
N totaothai	N twelveparen
N tpalatalhook	N twelveperiod
N tparen	N twelveroman
N trademark	N twentycircle
N tretroflexhook	N twentyparen
N triagdn	N twentyperiod
N triaglf	N two
N triagrt	N twoarabic
N triagup	N twobengali
N ts	N twocircle
N tsadi	N twocircleinversesansserif

N twodeva	N ugujarati
N twodotenleader	N ugurmukhi
N twodotleader	N uhiragana
N twodotleadervertical	N uhookabove
N twogujarati	N uhorn
N twogurmukhi	N uhornacute
N twohackarabic	N uhorndotbelow
N twohangzhou	N uhorngrave
N twoideographicparen	N uhornhookabove
N twoinferior	N uhorntilde
N twomonospace	N uhungarumlaut
N twonumeratorbengali	N uhungarumlautcyrillic
N twoparen	N uinvertedbreve
N twoperiod	N ukatakana
N twopersian	N ukatakanahalfwidth
N tworoman	N ukcyrillic
N twostroke	N ukorean
N twosuperior	N umacron
N twothai	N umacroncyrillic
N twothirds	N umacrondieresis
N u	N umatragurmukhi
N uacute	N umonospace
N ubar	N underscore
N ubengali	N underscoredbl
N ubopomofo	N underscoremonospace
N ubreve	N underscorevertical
N ucaron	N underscorewavy
N ucircle	N union
N ucircumflex	N universal
N ucircumflexbelow	N uogonek
N ucyrillic	N uparen
N udattadeva	N upblock
N udblacute	N upperdothebrew
N udblgrave	N upsilon
N udeva	N upsilondieresis
N udieresis	N upsilondieresistonos
N udieresisacute	N upsilonlatin
N udieresisbelow	N upsilontonos
N udieresiscaron	N uptackbelowcmb
N udieresiscyrillic	N uptackmod
N udieresisgrave	N uragurmukhi
N udieresismacron	N uring
N udotbelow	N ushortcyrillic
N ugrave	N usmallhiragana

N usmallkatakana

N usmallkatakanahalfwidth

N ustraightcyrillic

N ustraightstrokecyrillic

N utilde

N utildeacute

N utildebelow

N uubengali

N uudeva

N uugujarati

N uugurmukhi

N uumatragurmukhi

N uuvowelsignbengali

N uuvowelsigndeva

N uuvowelsigngujarati

N uvowelsignbengali

N uvowelsigndeva

N uvowelsigngujarati

N v

N vadeva

N vagujarati

N vagurmukhi

N vakatakana

N vav

N vavdagesh

N vavdagesh65

N vavdageshhebrew

N vavhebrew

N vavholam

N vavholamhebrew

N vavvavhebrew

N vavyodhebrew

N vcircle

N vdotbelow

N vecyrillic

N veharabic

N vehfinalarabic

N vehinitialarabic

N vehmedialarabic

N vekatakana

N venus

N verticalbar

N verticallineabovecmb

N verticallinebelowcmb

N verticallinelowmod

N verticallinemod

N vewarmenian

N vhook

N vikatakana

N viramabengali

N viramadeva

N viramagujarati

N visargabengali

N visargadeva

N visargagujarati

N vmonospace

N voarmenian

N voiceiterationhiragana

N voiceiterationkatakana

N voicedmarkkana

N voicedmarkkanahalfwidth

N vokatakana

N vparen

N vtilde

N vturned

N vuhiragana

N vukatakana

N w

N wacute

N waekorean

N wahiragana

N wakatakana

N wakatakanahalfwidth

N wakorean

N wasmallhiragana

N wasmallkatakana

N wattosquare

N wavedash

N wavyunderscorevertical

N wawarabic

N wawfinalarabic

N wawhamzaabovearabic

N wawhamzaabovefinalarabic

N wbsquare

N wcircle

N wcircumflex

N wdieresis

N wdotaccent

N wdotbelow	N wring
N wehiragana	N wsuperior
N weierstrass	N wturned
N wekatakana	N wynn
N wekorean	N x
N weokorean	N xabovecmb
N wgrave	N xbopomofo
N whitebullet	N xcircle
N whitecircle	N xdieresis
N whitecircleinverse	N xdotaccent
N whitecornerbracketleft	N xeharmenian
N whitecornerbracketleftvertical	N xi
N whitecornerbracketright	N xmonospace
N whitecornerbracketrightvertical	N xparen
N whitediamond	N xsuperior
N whitediamondcontainingblacksmalldiamond	N y
N whitedownpointingsmalltriangle	N yaadosquare
N whitedownpointingtriangle	N yabengali
N whiteleftpointingsmalltriangle	N yacute
N whiteleftpointingtriangle	N yadeva
N whitelenticularbracketleft	N yaekorean
N whitelenticularbracketright	N yagujarati
N whiterightpointingsmalltriangle	N yagurmukhi
N whiterightpointingtriangle	N yahiragana
N whitesmallsquare	N yakatakana
N whitesmilingface	N yakatakanahalfwidth
N whitesquare	N yakorean
N whitestar	N yamakkanthai
N whitetelephone	N yasmallhiragana
N whitetortoiseshellbracketleft	N yasmallkatakana
N whitetortoiseshellbracketright	N yasmallkatakanahalfwidth
N whiteuppointingsmalltriangle	N yatcyrillic
N whiteuppointingtriangle	N ycircle
N wihiragana	N ycircumflex
N wikatakana	N ydieresis
N wikorean	N ydotaccent
N wmonospace	N ydotbelow
N wohiragana	N yeharabic
N wokatakana	N yehbarreearabic
N wokatakanahalfwidth	N yehbarreefinalarabic
N won	N yehfinalarabic
N wonmonospace	N yehhamzaabovearabic
N wowaenthai	N yehhamzaabovefinalarabic
N wparen	N yehhamzaaboveinitialarabic

N yehhamzaabovemedialarabic
N yehinitialarabic
N yehmedialarabic
N yehmeeminitialarabic
N yehmeemisolatedarabic
N yehnoonfinalarabic
N yehthreedotsbelowarabic
N yekorean
N yen
N yenmonospace
N yeokorean
N yeorinhieuhkorean
N yerahbenyomohebrew
N yerahbenyomolefthebrew
N yericyrillic
N yerudieresiscyrillic
N yesieungkorean
N yesieungpansioskorean
N yesieungsioskorean
N yetivhebrew
N ygrave
N yhook
N yhookabove
N yiarmenian
N yicyrillic
N yikorean
N yinyang
N yiwnarmenian
N ymonospace
N yod
N yoddagesh
N yoddageshhebrew
N yodhebrew
N yodyodhebrew
N yodyodpatahhebrew
N yohiragana
N yoikorean
N yokatakana
N yokatakanahalfwidth
N yokorean
N yosmallhiragana
N yosmallkatakana
N yosmallkatakanahalfwidth
N yotgreek

N yoyaekorean
N yoyakorean
N yoyakthai
N yoyingthai
N yparen
N ypogegrammeni
N ypogegrammenigreekcmb
N yr
N yring
N ysuperior
N ytilde
N yturned
N yuhiragana
N yuikorean
N yukatakana
N yukatakanahalfwidth
N yukorean
N yusbigcyrillic
N yusbigiotifiedcyrillic
N yuslittlecyrillic
N yuslittleiotifiedcyrillic
N yusmallhiragana
N yusmallkatakana
N yusmallkatakanahalfwidth
N yuyekorean
N yuyeokorean
N yyabengali
N yyadeva
N z
N zaarmenian
N zacute
N zadeva
N zagurmukhi
N zaharabic
N zahfinalarabic
N zahinitialarabic
N zahiragana
N zahmedialarabic
N zainarabic
N zainfinalarabic
N zakatakana
N zaqefgadolhebrew
N zaqefqatanhebrew
N zarqahebrew

N zayin

N zayindagesh

N zayindageshhebrew

N zayinhebrew

N zbopomofo

N zcaron

N zcircle

N zcircumflex

N zcurl

N zdot

N zdotaccent

N zdotbelow

N zecyrillic

N zedescendercyrillic

N zedieresiscyrillic

N zehiragana

N zekatakana

N zero

N zeroarabic

N zerobengali

N zerodeva

N zerogujarati

N zerogurmukhi

N zerohackarabic

N zeroinferior

N zeromonospace

N zeropersian

N zerosuperior

N zerothai

N zerowidthjoiner

N zerowidthnonjoiner

N zerowidthspace

N zeta

N zhbopomofo

N zhearmenian

N zhebrevecyrillic

N zhecyrillic

N zhedescendercyrillic

N zhedieresiscyrillic

N zihiragana

N zikatakana

N zinorhebrew

N zlinebelow

N zmonospace

N zohiragana

N zokatakana

N zparen

N zretroflexhook

N zstroke

N zuhiragana

N zukatakana

N version

enhanceid function

expansions data table

formats data table

getalternate function

getdiscexpansion function

getkern function

getmultiple function

getsubstitution function

getters table

  T alternate

    F opentype

  T kern

    F opentype

    F type1

  T multiple

    F opentype

  T substitution

    F opentype

goodies table

  D colorschemes

  T data

    T dejavu-math

      S author

      S comment

      S copyright

      B initialized

      T mathematics

        T alternates

          T dotless

            S comment

            S feature

            N value

        T kerns

      S name

      S version

  D designsizes

D	filenames		F	expandglyph
F	getcompositions		F	fontpatternhassize
T	list		F	getcoloredglyphs
F	load		F	getdigitwidth
F	prepare_features		F	getinstancespec
F	register		F	getparameters
F	registerpostprocessor		F	getprivatecharornode
F	report		F	getprivatenode
T	suffixes		F	getprivates

handlers   table

hashes   table

			F	getprivateslot
D	characters		F	hasprivate
D	classes		F	indextoslot
D	csnames		F	name
D	descriptions		F	nametoslot
D	dynamics		F	setdigitwidth
D	emwidths		F	splitfontpattern
D	exheights		F	tochar

D extensibles	**infofont** function
D features	**iterators** table

D	identifiers		F	characters
D	italics		F	descriptions
D	lastmathids		F	glyphs

loggers   table

D	marks		F	add_placeholders
D	modes		D	category_to_placeholder
D	originals		F	format
D	parameters		F	onetimemessage
T	processes		F	register
D	properties		F	reportdefinedfonts
D	quads		F	reportusedfeatures

D resources	**mappings** table	

T	setdynamics		F	addtounicode
T	shapes		F	fromunicode16
D	spaces		F	loadfile
D	spacings		F	loadline
T	streams		F	makenameparser
D	unicodes		T	overloads
D	variants			T IJ
D	xheights			N mess

helpers   table

				S name
F	addextraprivate			T unicode
F	addprivate			T f_f
F	descriptiontoslot			N mess
F	dimenfactor			S name

T unicode	N version
T f_f_i	**names** data table
N mess	**nulldata** data table
S name	**protrusions** data table
T unicode	**readers** table
T f_f_l	F afm
N mess	F check_lua
S name	F check_tfm
T unicode	F lua
T f_i	F ofm
N mess	F opentype
S name	F otf
T unicode	F pfb
T f_j	D sequence
S name	F tfm
T unicode	F ttc
T f_k	F ttf
S name	F woff
T unicode	**reserveid** function
T f_l	**select** table
N mess	D alternatives
S name	F bodyfont
T unicode	D data
T i_j	F default
N mess	D defaults
S name	F definefallbackfamily
T unicode	F definefontfamily
F reset	F definefontfamilypreset
F tounicode	D extras
F tounicode16	F fallback
F tounicode16sequence	D fallbacks
metapost table	F features
F boundingbox	F filefallback
F boxtomp	F fontdata
F draw	F fontfallback
F fill	F fontsynonym
F maxbounds	F goodies
F output	F mathfallback
F paths	D methods
F widthline	D presets
F zeroline	F registerfallback
mp table	F registerfiles
D cache	F registerfontalternative
B inline	F registerfontfamily

F textfallback		**symbols**	table
F typeface		T emoji	
F typescript		F checked	
F userdata		F resolved	
setdiscexpansion	function	F uselibrary	
specifiers	table	**tables**	table
D contextmerged		D data	
F contextnumber		F savefont	
D contextnumbers		F saveoriginal	
D contextsetups		**tracers**	table
F contexttostring		**treatments**	table
F definecontext		F applyfixes	
F mergecontext		D data	
F presetcontext		S filename	
F registercontext		F ignoredfile	
F showcontext		F report	
F splitcontext		F trace	
D synonyms		**typefaces**	table
D variants			

functions (context)

dummy function

graphics (context)

backgrounds table

    F fetchmultipar

    F pair

    F path

    F point

gzip (extra lua)

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

img (basic tex)

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

interactions (context)

attachments data table
fields   table
    F clone
    F define
    F defineset
    F insert
general   table
    F getidentity
    F setupidentity
help   table
    F collect
    F reference
    F register
javascripts table
    F addtopreamble
    F code
    D codes
    F flushpreambles

    D functions
    D preambles
    F setpreamble
    F storecode
    F storepreamble
    F usepreamblenow
    F usescripts
linkedlists data table
pages   table
    F setpagetransition
    F setupcanvas
references table
    F setclosedocument
    F setclosepage
    F setopendocument
    F setopenpage
renderings data table
soundclips data table

interfaces (context)

addvalidkeys	function	F MPpardata	
cachedsetups	data table	F MPplus	
cachesetup	function	F MPpos	
checkedspecification	function	F MPposset	
complete	data table	F MPr	
constants	data table	F MPrest	
corenamespaces	data table	F MPrs	
currentinterface	string	F MPul	
currentresponse	string	F MPur	
definecommand	function	F MPw	
defined	function	F MPwhd	
doifelsemessage	function	F MPx	
elements	data table	F MPxy	
formats	data table	F MPxywhd	
getcheckedparameters	function	F MPy	
getmessage	function	F Romannumerals	
getnamespace	function	F abjadnodotnumerals	
getsetupstring	function	F abjadnumerals	
hashedsetups	data table	F adaptfontfeature	
implement	function	F addcounter	
interfacedcommand	function	F addfeature	
interfaces	table	F addgrapheme	
invalidkey	function	F addlinklistelement	
message	function	F addreplacements	
namespaces	table	F addtocolumnset	
F define		F addtojavascriptpreamble	
F list		F addtolist	
registernamespace	function	F addvalidinterfacekeys	
scanners	table	F allinputpaths	
F Alphabetic		F alphabetic	
F Character		F analysefloatmethod	
F Characters		F analyzeitemgroup	
F MPLIBconvertoutlinetext		F analyzelist	
F MPc		F analyzeregister	
F MPd		F applypattern	
F MPh		F applytobox	
F MPll		F applytofirstcharacter	
F MPlr		F assignbuffer	
F MPls		F autofinishstructurelevels	
F MPn		F autonextspace	
F MPp		F autonextstructurelevel	

F autosetups	F btxhandlenocite
F autostarttext	F btxlastofrange
F autostoptext	F btxlistvariant
F averagecharwidth	F btxloaddefinitionfile
F bitmapimage	F btxloadjournallist
F blockcolumnset	F btxloadreplacementfile
F blockligatures	F btxoneorrange
F boxtostring	F btxpreparelistentries
F bposcolumn	F btxremapauthor
F bposcolumnregistered	F btxsavedataset
F btxabbreviatedjournal	F btxsavejournallist
F btxaddentry	F btxsetdataset
F btxaddjournal	F btxsetentry
F btxauthor	F btxsetregister
F btxauthorfield	F btxsetspecification
F btxauthortoregister	F btxsingularorplural
F btxcollectlistentries	F btxtoregister
F btxcurrentfirstnames	F btxusedataset
F btxcurrentinitials	F btxuservariable
F btxcurrentjuniors	F buildtextaccent
F btxcurrentsurnames	F character
F btxcurrentvons	F characters
F btxdetail	F chardescription
F btxdirect	F checkcolumnset
F btxdoif	F checkcountersetup
F btxdoifelse	F checkedconversion
F btxdoifelsecombiinlist	F checkedemoji
F btxdoifelsesameasprevious	F checkedpagefloat
F btxdoifelseuservariable	F checkinjector
F btxdoifnot	F checkinterfacechain
F btxexpandedjournal	F checktwopassdata
F btxfetchlistentries	F chemicalcomponent
F btxfield	F chinesenumerals
F btxfieldname	F cleanfontname
F btxfieldtype	F cleanupbox
F btxfirstofrange	F cleanuplayers
F btxflush	F clonefield
F btxflushlistcombi	F collectfloat
F btxflushlistentry	F collecthelp
F btxflushmarked	F colorcomponents
F btxflushpages	F columnsetcurrentcolumn
F btxfoundname	F columnsetgoto
F btxfoundtype	F columnsetnoto
F btxhandlecite	F concatcommalist

F consultfloat	F definefontcolorpalette
F convertbtxdatasettoxml	F definefontfamily
F converteddimen	F definefontfamilypreset
F convertmpstopdf	F definefontfeature
F copyboxfromcache	F definefontsolution
F copyposition	F definehyphenationfeatures
F cos	F defineinsertion
F cosd	F defineintermediatecolor
F countervalue	F definelabels
F counttwopassdata	F definelanguage
F currentcomponent	F definelinefiller
F currentdate	F definelinkedlist
F currentdesignsize	F definemarking
F currentenvironment	F definemetafont
F currentfontinstancespec	F definemultitonecolorglobal
F currentposthyphenchar	F definenamespace
F currentprehyphenchar	F definenote
F currentproduct	F defineparallel
F currentproject	F defineparbuilder
F currentreferenceorder	F defineprocesscolordummy
F currentsectiontolist	F defineprocesscolorglobal
F datasetvariable	F defineprocesscolorlocal
F dayname	F defineprogram
F decimals	F definereference
F decrementcounter	F defineregister
F decrementedcounter	F definerule
F decrementsubcounter	F definesectionlevels
F defineaccents	F defineshift
F defineattribute	F definesnapmethod
F definebreakpoint	F definespotcolorglobal
F definebreakpoints	F definestructureblock
F definecharacterspacing	F definestructureset
F definechemical	F definetransparency
F definecolumnset	F definetransparencyglobal
F defineconversion	F definetwopasslist
F definecounter	F definetypeface
F definedlayoutcomponent	F defineviewerlayer
F definefallbackfamily	F depthnumber
F definefield	F digits_normal
F definefieldset	F digits_reverse
F definefilefallback	F directboxfromcache
F definefilesynonym	F directcopyboxfromcache
F definefont_one	F disableautofontscript
F definefont_two	F disabledirectives

F disableexperiments

F disablejobsave

F disableparbuilder

F disableregime

F disablespellchecking

F disablestatetriggering

F disablestream

F disabletrackers

F discardfromlist

F doanalyzeframedbox

F doifcommon

F doifcounter

F doifelseblack

F doifelseboxincache

F doifelsebuffer

F doifelsecharinfont

F doifelsecommon

F doifelsecontinuewithfile

F doifelseconverter

F doifelsecounter

F doifelsecurrentfonthasfeature

F doifelsedrawingblack

F doifelsefieldcategory

F doifelsefiledefined

F doifelsefileexist

F doifelsefirstchar

F doifelsefontpresent

F doifelseinelement

F doifelseinputfile

F doifelseinset

F doifelseintwopassdata

F doifelseleapyear

F doifelselisthasentry

F doifelselisthasnumber

F doifelselisthaspage

F doifelselisthastitle

F doifelselocfile

F doifelsemarking

F doifelsemessage

F doifelseobject

F doifelseobjectreference

F doifelseolderversion

F doifelseoverlapping

F doifelseparallel

F doifelseparentfile

F doifelsepathexist

F doifelseposition

F doifelsepositiononpage

F doifelsepositionsonsamepage

F doifelsepositionsonthispage

F doifelsepositionsused

F doifelserangeonpage

F doifelsereference

F doifelserighttoleftinbox

F doifelsesame

F doifelsestackedfloats

F doifelsesynonymshown

F doifelsesynonymused

F doifelseurldefined

F doifelseutfmathabove

F doifelseutfmathaccent

F doifelseutfmathbelow

F doifelseutfmathfiller

F doifelseutfmathlimop

F doifelsevisualizer

F doiffieldsetelse

F doifinset

F doifnotcommon

F doifnotcounter

F doifnotecontent

F doifnoteonsamepageasprevious

F doifnotinset

F doifnotsame

F doifposition

F doifsame

F doprocesstypescriptfile

F doreshapeframedbox

F dosaveposition

F dosavepositionplus

F dosavepositionwhd

F dosetposition

F dosetpositionbox

F dosetpositionplus

F dosetpositionstrut

F dosetpositionstrutkind

F dosetpositionwhd

F dostarttextfile

F dostoptextfile

F elapsedtime

F enableasciimode

F enableautofences

F enableautofontscript

F enablebackgroundalign

F enablebackgroundboxes

F enablecolor

F enablecolorintents

F enablecrlf

F enabledirectives

F enableexperiments

F enablefontcolorschemes

F enableinteraction

F enablelinefillers

F enableparbuilder

F enableregime

F enablerules

F enableshifts

F enablespellchecking

F enablestatetriggering

F enablestream

F enabletrackers

F enabletransparency

F enableutf

F enhancelinkedlist

F enhancelist

F enhancereference

F enhanceregister

F eposcolumn

F eposcolumnregistered

F erasebuffer

F execute

F expandcurrentreference

F exportformdata

F exportreferences

F extendregister

F extensiblecode

F fakenextstrutline

F fakeword

F featureattribute

F featurelist

F feedback

F fetchallmarks

F fetchmultipar

F fetchonemark

F fetchposboxes

F fetchtwomarks

F figure_check

F figure_done

F figure_dummy

F figure_flush_registered_pages

F figure_identify

F figure_include

F figure_mergegoodies

F figure_nof_registered_pages

F figure_pop

F figure_push

F figure_register_page

F figure_reset

F figure_scale

F figurefilename

F figurefilepath

F figurefiletype

F figurerequest

F figuresetdimensions

F figurestatus

F figureused

F filterdefaultreference

F filterreference

F finalizebox

F findregisterinternal

F findtwopassdata

F finishcolumnsetflush

F finishexport

F firstcountervalue

F firstinset

F firstsubcountervalue

F flushcolumnsetareas

F flushcolumnsetcolumn

F flushcolumnsetrest

F flushfloat

F flushlabeledfloat

F flushnotes

F flushpageinjectionsafter

F flushpageinjectionsbefore

F flushpostponedblocks

F flushpostponednotes

F flushstream

F flushstreamcopy	F getmessage
F fontchar	F getmpextensions
F fontcharbyindex	F getnaturaldimensions
F fontcollectionclone	F getnaturalwd
F fontcollectiondefine	F getnotestate
F fontcollectionprepare	F getobjectdimensions
F fontcollectionregister	F getobjectreference
F fontcollectionreport	F getobjectreferencepage
F fontcollectionreset	F getprivatechar
F fontlookupgetkey	F getprivateglyphslot
F fontlookupgetkeyofindex	F getprivatemathchar
F fontlookupinitialize	F getprivateslot
F fontlookupnoffound	F getprogram
F forceendjob	F getrandomdimen
F forcequitjob	F getrandomfloat
F formatcolor	F getrandomnumber
F formatgray	F getrandomseed
F from	F getreadfilename
F frule	F getsetupstring
F getbidimode	F getsomefullstructurenumber
F getbodyfontsizes	F getsomestructurenumber
F getboxfromcache	F getspecificstructuretitle
F getbuffer	F getstructurelevel
F getbufferctxlua	F getstructurenumber
F getbuffermkvi	F getsubstring
F getcheckedinterfaceparameters	F gettexbuffer
F getcurrentprefixspec	F gettwopassdata
F getcurrentreferencemetadata	F gettwopassdatalist
F getdefaultfieldvalue	F geturl
F getdocumentargument	F getvisual
F getdocumentfilename	F hboxtovbox
F getelementtag	F helpaction
F getfieldcategory	F helpreference
F getfile	F hexstringtonumber
F getfirstcharacter	F horizontalcode
F getfirsttwopassdata	F hour
F getfloatvariable	F hyphenatedlist
F getfullstructurenumber	F hyphenatedurl
F getinternalcachedlistreference	F immediatemessage
F getinternallistreference	F incrementcounter
F getlasttwopassdata	F incrementedcounter
F getmarking	F incrementsubcounter
F getmathdomain	F initializejob
F getmathitalics	F initializemathdomain

F initializemathitalics
F initializemathkernpairs
F initializestream
F initializetexdirectives
F initializetextrackers
F injectcurrentreference
F injectcurrentreferencehtdp
F injectreference
F inlinechemical
F inputfilebarename
F inputfilename
F inputfilerealsuffix
F inputfilesuffix
F insertattachment
F insertcomment
F insertfield
F insertionnumber
F insertrenderingwindow
F installedlanguages
F installtexdirective
F installtextracker
F jobfilefullname
F jobfilename
F jobfilesuffix
F languagenumber
F lastcountervalue
F lastlinewidth
F lastsubcountervalue
F lchexnumber
F lchexnumbers
F leapyear
F linenumbersstageone
F linenumbersstagetwo
F listgroupindex
F listlabel
F listlocation
F listnamespaces
F listprefixednumber
F listprefixedpage
F listrealpage
F listsize
F listtitle
F listuserdata
F loadexamodes

F loadfontgoodies
F loadluamodule
F loadmapfile
F loadmapline
F loadspellchecklist
F loadtypescriptfile
F loadvisualizer
F locatefilepath
F locfilename
F lower
F lpdf_adddocumentcolorspace
F lpdf_adddocumenttextgstate
F lpdf_adddocumentpattern
F lpdf_adddocumentshade
F lpdf_addtocatalog
F lpdf_addtoinfo
F lpdf_addtonames
F lpdf_addtopageattributes
F lpdf_addtopageresources
F lpdf_addtopagesattributes
F lpdf_collectedresources
F lpdf_color
F luascript
F luathread
F lxmlid
F markcontent
F markingnumber
F markingtitle
F markinjector
F markregionbox
F markregionboxcorrected
F markregionboxtagged
F markregionboxtaggedkind
F markvisualfonts
F mathfraction
F mathrenderset
F message
F metapostescaped
F metapostformatted
F metapostgraphformat
F minute
F mixcleanup
F mixfinalize
F mixflushlist

F mixflushrest	F number
F mixgetsplit	F numbers
F mixsetsplit	F octnumber
F mixstate	F octstringtonumber
F molecule	F operatingsystem
F month	F ordinal
F monthmnem	F outputfilename
F monthname	F overloadbookmark
F mpcolor	F overloaderror
F mpflushliteral	F overloadlowercase
F mpflushreset	F overloaduppercase
F mpgettext	F pageofinternal
F mpgraphic	F pagestaterealpage
F mpoptions	F parpos
F mppopvariables	F pdfannot
F mppushvariables	F pdfdest
F mprunset	F pdfrotation
F mpruntab	F pdfstartmatrix
F mprunvar	F pdfstartmirroring
F mpsetclippath	F pdfstartrotation
F mpsetoutercolor	F pdfstartscaling
F mpsetsxsy	F pdfstopmatrix
F mpsettext	F pdfstopmirroring
F mptexget	F pdfstoprotation
F mptexreset	F pdfstopscaling
F mptexset	F percentageof
F mptexsetfrombuffer	F pgfxcolorspec
F namedstructureuservariable	F pickupbuffer
F namedstructurevariable	F pickupmarkedcontent
F naturalwd	F pickuppunctuation
F nbfs	F placeparallel
F negatedcolorcomponent	F popfloat
F nextcountervalue	F pophyphenation
F nextparallel	F popitaliccorrection
F nextsubcountervalue	F poplist
F nofconversions	F poppath
F nofdays	F poprandomseed
F nofstackedfloats	F popreferenceprefix
F notedeltapage	F popregime
F noteinternal	F popsectionblock
F notelistindex	F postponenotes
F noteprefixednumber	F prefixedconverted
F notetitle	F prepareMPvariable
F ntimes	F preparecolumnsetflush

F presetmathalternate

F presetsymbollist

F presettabulate

F previouscountervalue

F previoussubcountervalue

F processbodyfontsizes

F processbuffer

F processcolorcomponents

F processedfile

F processedfiles

F processfile

F processfilemany

F processfilenone

F processfileonce

F processjob

F processlist

F processregister

F processsplit

F processsynonyms

F profilebox

F purefontname

F pushfloat

F pushhyphenation

F pushitaliccorrection

F pushlist

F pushpath

F pushrandomseed

F pushreferenceprefix

F pushregime

F pushsectionblock

F pushstream

F putboxincache

F putincolumnset

F rawcharacter

F rawcountervalue

F rawdate

F rawsetupstring

F rawsubcountervalue

F referencepagedetail

F referencepagestate

F referencerealpage

F registerattachment

F registerbackendsymbol

F registerbackground

F registerbodyfontsize

F registerbookmark

F registerbuttons

F registercolorintent

F registercolumnsetarea

F registeredviewerlayer

F registerfigurepattern

F registerfiguresuffix

F registerfontalternative

F registerfontfallbackid

F registerfontfamily

F registerhelp

F registerhyphenationexception

F registerhyphenationpattern

F registeritemgroup

F registerlanguagefeatures

F registerlinenumbering

F registermaintextcolor

F registermpyfile

F registernamedlua

F registernamespace

F registerobject

F registerpattern

F registerpostponedblock

F registerreferencedobject

F registerrendering

F registersection

F registershownsynonym

F registerstructureprocessor

F registersynonym

F registerunit

F registerusedsynonym

F registeruserdata

F relatemarking

F renderingvar

F replacefeature

F replacepospxywhd

F reportstructure

F resavefloat

F resetboxesincache

F resetcharacteralign

F resetcolumnset

F resetcounter

F reseteffect

F resetfeature

F resetfontfeature

F resetfontsolution

F resetinjector

F resetitaliccorrection

F resetmapfiles

F resetmarking

F resetmathattributes

F resetmathhang

F resetmathitalics

F resetnullfont

F resetparallel

F resetpath

F resetprevdepth

F resetreference

F resetscript

F resetshownsynonyms

F resetstructureprocessor

F resetsubcounter

F resettimer

F resettrackers

F resetusedsynonyms

F resolvedemoji

F restartcounter

F restartsubcounter

F restorecounter

F restorecurrentattributes

F restorenote

F restoreobject

F reuserandomseed

F revivefeature

F romannumerals

F rounded

F ruby

F runbuffer

F runcontextjob

F safechar

F savebuffer

F savecounter

F savecurrentattributes

F savedlistnumber

F savedlistprefixednumber

F savedlisttitle

F savefloat

F savefont

F savemargindata

F savenote

F savepagedata

F savepageinjections

F saveparallel

F savespecificfloat

F savestructureblock

F savetaggedtwopassdata

F savetwopassdata

F savevariable

F second

F selectstructureblock

F setactivecatcodes

F setbreakpoints

F setcharacteralign

F setcharactercasing

F setcharactercleaning

F setcharacterkerning

F setcharacterspacing

F setcharacterstripping

F setclosedocumentaction

F setclosepageaction

F setcolormodel

F setcolumnsetarea

F setcolumnsetlines

F setcolumnsetproperties

F setcolumnsetstart

F setcounter

F setdataset

F setdestinationattribute

F setdigitsmanipulation

F setdirection

F setdocumentargument

F setdocumentcommandline

F setdocumentctxfile

F setdocumentdefaultargument

F setdocumentenvironments

F setdocumentfilename

F setdocumentfilenames

F setdocumentmodes

F setdocumentmodules

F seteffect

F setelementuserproperties

F	setextrafontkerns	F	setmpextensions
F	setfieldcalculationset	F	setnaturalwd
F	setfigurelookuporder	F	setnegative
F	setfigurepaths	F	setnextinternalreference
F	setfirstline	F	setnextreferenceorder
F	setfontfeature	F	setnotestate
F	setfontofid	F	setopendocumentaction
F	setfontsolution	F	setopenpageaction
F	setformat	F	setowncounter
F	setformsmethod	F	setownsubcounter
F	sethsizecolumnset	F	setpagecolormodel
F	sethsizecolumnspan	F	setpagestate
F	sethyphenatedurlcharacters	F	setpagestaterealpageno
F	sethyphenationfeatures	F	setpagetransition
F	sethyphenationmethod	F	setparbuilder
F	setinitial	F	setpdfcompression
F	setinitialsectionblock	F	setprofile
F	setinjector	F	setrandomseed
F	setinnerreferencemethod	F	setrealign
F	setinsertionlocation	F	setrealspaces
F	setinterfaceconstant	F	setreferencearguments
F	setinterfaceelement	F	setreferenceoperation
F	setinterfacemessage	F	setregionbox
F	setinterfacemessages	F	setregionboxtagged
F	setinterfacevariable	F	setregistermethod
F	setinternalreference	F	setreplacements
F	setitaliccorrection	F	setruby
F	setjavascriptpreamble	F	setscript
F	setjobcomment	F	setsectionblock
F	setlanguageexceptions	F	setsectionentry
F	setlanguagesynonym	F	setstructureblockstate
F	setlettercatcodes	F	setstructurelevel
F	setmapfile	F	setstructurenumber
F	setmapline	F	setsubcounter
F	setmarking	F	settagaspect
F	setmathalphabet	F	settagcombination
F	setmathalternate	F	settagdelimitedsymbol
F	setmathattribute	F	settagfigure
F	setmathdirection	F	settaggedmetadata
F	setmathdomain	F	settaghighlight
F	setmathhang	F	settagitem
F	setmathitalics	F	settagitemgroup
F	setmathpenalties	F	settaglist
F	setmathstyle	F	settagnotation

F	settagnotationsymbol	F	sind
F	settagproperty	F	specifiedfont
F	settagproperty_b	F	specifiedfontsize
F	settagproperty_n	F	specifiedfontspec
F	settagregister	F	splitfilename
F	settagsorting	F	spotcolorname
F	settagsubsentencesymbol	F	spotcolorparent
F	settagsynonym	F	spotcolorvalue
F	settagtablecell	F	startactualtext
F	settagtabulatecell	F	startchemical
F	setupbookmarks	F	startcolorset
F	setupcanvas	F	startcomponent
F	setupcharacterspacing	F	startenvironment
F	setupexport	F	startfontsolution
F	setupfontexpansion	F	startparbuilder
F	setupfontprotrusion	F	startproduct
F	setupidentity	F	startproject
F	setupinsertion	F	startregime
F	setupitaliccorrection	F	startruby
F	setuplinenumbering	F	startsectionlevel
F	setupsynctex	F	startstream
F	setuserinterface	F	starttag
F	setvalidinterfacekeys	F	starttag_c
F	setvisual	F	starttag_d
F	setvisualfont	F	starttag_u
F	setvisuallayer	F	starttext
F	setvisuals	F	startviewerlayer
F	setvsizecolumnset	F	step
F	setxmpfile	F	stopactualtext
F	showassignerror	F	stopchemical
F	showattributes	F	stopcolorset
F	showcounter	F	stopcomponent
F	showdebuginfo	F	stopenvironment
F	showdirectives	F	stopfontsolution
F	showdiscretionaries	F	stopparbuilder
F	showexperiments	F	stopproduct
F	showhyphenatedinlist	F	stopproject
F	showhyphenationtrace	F	stopregime
F	showinjector	F	stopsectionlevel
F	showjustification	F	stopstream
F	showlogcategories	F	stoptag
F	showmessage	F	stoptext
F	showtrackers	F	stopviewerlayer
F	sin	F	storejavascriptcode

F storejavascriptpreamble

F storenote

F storeregister

F strdp

F strhd

F strht

F strip

F structureautocatcodedget

F structurecatcodedget

F structuregivencatcodedget

F structurenumber

F structuretitle

F structureuservariable

F structurevariable

F strwd

F subcountervalue

F subcountervalues

F subsubcountervalues

F subtractfeature

F synccolor

F synccolorclone

F synccolorcount

F synchronizemarking

F synchronizestream

F synctexblockfilename

F synctexpause

F synctexresetfilename

F synctexresume

F synctexsetfilename

F synonymmeaning

F synonymname

F systemlog

F tagmfunctionlab

F tagmfunctiontxt

F tan

F tand

F texdefinition_one

F texdefinition_two

F textime

F thefirstcharacter

F themaxboxwidth

F theremainingcharacters

F tochar

F transparencycomponents

F triggerpagebuilder

F truefilename

F truefontname

F type

F typebuffer

F typefile

F typesetbuffer

F uchar

F uchexnumber

F uchexnumbers

F undefinechemical

F unicodechar

F unihex

F unit_normal

F unit_reverse

F unloadlanguage

F upper

F useMPlibrary

F useanyfile

F useanyfileonce

F usecldfile

F usecldfileonce

F usecolors

F usecomponent

F useenvironment

F usefigurebase

F usefile

F usejavascriptpreamble

F usejavascriptscripts

F useluafile

F useluafileonce

F useluamodule

F usemodules

F usepath

F useproduct

F useproject

F usesubpath

F usesymbols

F usetexfile

F usetexfileonce

F useurl

F usexmlfile

F usexmlfileonce

F usezipfile

F utfchar

F utfmathclass

F utfmathcommand

F utfmathcommandabove

F utfmathcommandbelow

F utfmathcommandfiller

F utfmathfiller

F utfmathstretch

F vboxlisttohbox

F verbose

F vspacing

F vspacingcollapse

F vspacingcollapseonly

F vspacingdefine

F vspacingsetamount

F vspacingsnap

F way

F weekday

F weekdayname

F writestatus

F x_table_c

F x_table_cleanup

F x_table_construct

F x_table_create

F x_table_finish_row

F x_table_flush

F x_table_init_construct

F x_table_init_reflow_height

F x_table_init_reflow_height_option

F x_table_init_reflow_width

F x_table_init_reflow_width_option

F x_table_next_row

F x_table_next_row_option

F x_table_r

F x_table_reflow_height

F x_table_reflow_width

F x_table_set_construct

F x_table_set_reflow_height

F x_table_set_reflow_width

F xmladdindex

F xmlaftersetup

F xmlall

F xmlappendsetup

F xmlapplyselectors

F xmlatt

F xmlattdef

F xmlattribute

F xmlattributedef

F xmlbadinclusions

F xmlbeforesetup

F xmlchainatt

F xmlchainattdef

F xmlchecknamespace

F xmlcommand

F xmlconcat

F xmlconcatrange

F xmlcontext

F xmlcount

F xmldelete

F xmldirect

F xmldirectives

F xmldirectivesafter

F xmldirectivesbefore

F xmldisplayverbatim

F xmldoif

F xmldoifelse

F xmldoifelseempty

F xmldoifelseselfempty

F xmldoifelsetext

F xmldoifempty

F xmldoifnot

F xmldoifnotempty

F xmldoifnotselfempty

F xmldoifnottext

F xmldoifselfempty

F xmldoiftext

F xmlelement

F xmlfilter

F xmlfilterlist

F xmlfirst

F xmlflush

F xmlflushcontext

F xmlflushlinewise

F xmlflushpure

F xmlflushsetups

F xmlflushspacewise

F xmlflushtext

F xmlfunction

F xmlgetindex

F xmlinclude

F xmlincludeoptions

F xmlinclusion

F xmlinclusions

F xmlindex

F xmlinlineverbatim

F xmlinstalldirective

F xmllast

F xmllastatt

F xmllastmatch

F xmlload

F xmlloadbuffer

F xmlloaddata

F xmlloaddirectives

F xmlloadentities

F xmlmain

F xmlmatch

F xmlname

F xmlnamespace

F xmlnonspace

F xmlpath

F xmlpopmatch

F xmlpos

F xmlprependsetup

F xmlpure

F xmlpushmatch

F xmlraw

F xmlrawtex

F xmlrefatt

F xmlregisterns

F xmlremapname

F xmlremapnamespace

F xmlremovesetup

F xmlresetinjectors

F xmlresetsetups

F xmlsave

F xmlsetcommandtonone

F xmlsetcommandtotext

F xmlsetentity

F xmlsetinjectors

F xmlsetsetup

F xmlsnippet

F xmlstartraw

F xmlstarttiming

F xmlstopraw

F xmlstoptiming

F xmlstrip

F xmlstripanywhere

F xmlstripnolines

F xmlstripped

F xmlstrippednolines

F xmltag

F xmltexentity

F xmltext

F xmltobuffer

F xmltobufferverbose

F xmltofile

F xmltoparameters

F xmlverbatim

F xmlwithindex

F year

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

io (basic lua)

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

job (context)

comment	function	F	define
datasets	table	F	find
D collected		F	first
F extend		F	get
F getdata		F	getcollected
F setdata		F	getdata
D tobesaved		F	getfield
disablesave	function	F	gettobesaved
fileobjreferences	table	F	inlist
D collected		F	last
D tobesaved		F	list
files	table	F	save
D collected		F	savetagged
F context		D	tobesaved
B forcerun		**positions**	table
F run		F	b_column
D tobesaved		F	b_region
getrandomseed	function	F	c
initialize	function	D	collected
load	function	F	column
loadother	function	F	copy
objects	table	F	depth
D collected		F	e_column
F get		F	e_region
F number		F	enhance
F page		F	extra
F save		T	free
F set		F	get
D tobesaved		F	getreserved
pack	boolean	F	gettobesaved
packversion	number	F	hangafter
pagestates	table	F	hangindent
D collected		F	height
F extend		F	hsize
F realpage		F	leftskip
F setstate		F	lowerleft
D tobesaved		F	lowerright
passes	table	F	markregionbox
F check		F	n
D collected		F	onsamepage
F count		F	overlapping

F	p	F	y
T	page	**register**	function
F	paragraph	**save**	function
F	parindent	**structure**	table
F	position	D collected	
F	r	T components	
F	region	T tobesaved	
F	replace	T branches	
F	rightskip	S name	
F	set	S type	
F	setall	**variables**	table
F	setregionbox	D checksums	
D	tobesaved	D collected	
F	upperleft	F getchecksum	
F	upperright	F makechecksum	
S	used	F restore	
F	whd	F save	
F	width	F setchecksum	
F	x	D tobesaved	
F	xy	**version**	number

lang (basic tex)

clean	function	**id**	function
clear_hyphenation	function	**new**	function
clear_patterns	function	**patterns**	function
exceptions	function	**postexhyphenchar**	function
gethjcode	function	**posthyphenchar**	function
hyphenate	function	**preexhyphenchar**	function
hyphenation	function	**prehyphenchar**	function
hyphenationmin	function	**sethjcode**	function

languages (context)

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

B enables

F found

F load

T methods

N threshold

layouts (context)

status table   F leftorrightpageaction

    F isleftpage

lfs (extra lua)

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

libraries (context)

basiclua	data table	**extratex**	data table
basictex	data table	**functions**	data table
builtin	data table	**globals**	data table
extralua	data table		

lmx (context)

color	function		**loadedfile**	function
convert	function		**make**	function
convertfile	function		**new**	function
convertstring	function		**overloaderror**	function
einject	function		**popupfile**	function
eprint	function		**print**	function
escape	function		**pv**	function
finalized	function		**report**	function
finject	function		**reset**	function
fprint	function		**result**	function
get	function		**set**	function
getvariables	function		**show**	function
htmfile	function		**showdebuginfo**	function
html	table		**showerror**	function

   F a

   F td

   F th

include	function		**stripcss**	function
inherited	table		**tv**	function
			type	function
			urlescape	function
			variable	function
			variables	table

stripcss function
tv function
type function
urlescape function
variable function
variables 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

   S color-background-blue

   S color-background-body

   S color-background-green

   S color-background-main

   S color-background-purple

   S color-background-yellow

   S title-default

logs (context)

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

lpdf (context)

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

settime	function	**tosixteen**	function
settrailerid	function	**transform**	function
shareobject	function	**transparency**	function
shareobjectreference	function	**transparencycode**	function
spotcode	function	**transparencygroups**	table
stream	function	B none	
string	function	**transparencyvalue**	function
timestamp	function	**unicode**	function
toeight	function	**verbose**	function
topdfdoc	function		

lpeg (basic lua)

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

luatex (context)

cleanuptempfiles	function	F	disable
currentfile	function	F	enable
registerdumpactions	function	F	finish
registerpageactions	function	F	pause
registerstartactions	function	F	resetfilename
registerstopactions	function	F	resume
registertempfile	function	F	setfilename
starttime	number	F	start
synctex	table	F	stop
F blockfilename		F	wrapup
F collect			

lxml (context)

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

resetsetups	function		**splitid**	function
resolvedentity	function		**startraw**	function
root	function		**startunescaped**	function
save	function		**stopraw**	function
serialize	function		**stopunescaped**	function
setaction	function		**store**	function
setcdata	function		**strip**	function
setcommandtonone	function		**stripped**	function
setcommandtotext	function		**tag**	function
setsetup	function		**text**	function
snippet	function		**tobuffer**	function
sorters	table		**tofile**	function
			toparameters	function
F add			**toverbatim**	function
F compare			**verbatim**	function
F flush			**withindex**	function
F reset			**xmltexhandler**	data table
F show				
F sort				

math (basic lua)

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

mathematics (context)

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

mbox (context)

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

md5 (extra lua)

HEX	function		**hex**	function
crypt	function		**sum**	function
dec	function		**sumHEXA**	overloaded function
decrypt	function		**sumhexa**	overloaded function
exor	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
comment	function		**instance**	function
convert	function		**intermediate**	table
defaultformat	string		T actions	
defaultinstance	string		F makempy	
defaultmethod	string		**lastlog**	string
directrun	function		**load**	function
escaped	function		**makempy**	table
exectime	table		N nofconverted	
extensiondata	data table		F processgraphics	
filterclippath	function		F registerfile	
flush	function		**maketext**	function
flushers	table		**metafun**	table
T pdf			F interpolate	
F comment			F topath	
F flushfigure			**method**	number
F startfigure			**mptopdf**	table
F stopfigure			F convertmpstopdf	
F textfigure			N nofconverted	
flushliteral	function		**n**	number
flushnormalpath	function		**nvformat**	function
flushreset	function		**optimize**	boolean
fonts	table		**parse**	function
F define			**pdfliterals**	function
T flusher			**pluginactions**	function
F flushfigure			**popvariable**	function
F startfigure			**popvariables**	function
F stopfigure			**process**	function
N instances			**processplugins**	function
F process			**processspecial**	function
format	function		**properties**	table
format_number	function		**pushvariable**	function
format_string	function		**pushvariables**	function
formatnumber	function		**quickanddirty**	function
getclippath	function		**reducetogray**	boolean
getextensions	function		**reporterror**	function
getjobdata	function		**reset**	function

resetlastlog	function	F get	
resetplugins	function	F reset	
runscript	function	F set	
scripterror	function	F setfrombuffer	
setextensions	function	**texerrors**	boolean
setoutercolor	function	**texexp**	function
settext	function	**textextsdata**	function
setvariable	function	**theclippath**	function
showlog	boolean	**totable**	function
simple	function	**unload**	function
svformat	function	**untagvariable**	function
tex	table	**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)

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

defaultcolormodel	function	**positionbox**	function
dimensions	function	**positioncurve**	function
disposehash	function	**positionpage**	function
format	function	**positionpath**	function
formatted	function	**positionpxy**	function
fprint	function	**positionregion**	function
get	table	**positionwhd**	function
F boolean		**positionxy**	function
F number		**prefix**	function
F numeric		**print**	function
F string		**quadruple**	function
get_outline_text	function	**quoted**	function
getcount	function	**report**	function
getdimen	function	**setcount**	function
gettoks	function	**setdimen**	function
graphformat	function	**settoks**	function
inhash	function	**size**	function
integer	function	**systemmode**	function
isarray	function	**tb_dimensions**	function
mode	function	**texstr**	function
n	function	**texvar**	function
newhash	function	**tohash**	function
numeric	function	**triplet**	function
pair	function	**tt_dimensions**	function
path	function	**tt_initialize**	function
positionanchor	function		

mplib (extra tex)

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

noads (context)

handlers   table

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

   F tags
   F unscript
   F variants

process   function
processnested   function
processors   table

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

processouter   function

node (basic tex)

check_discretionaries	function
check_discretionary	function
copy	function
copy_list	function
count	function
current_attr	function
dimensions	function
direct	table

F check_discretionaries
F check_discretionary
F copy
F copy_list
F count
F current_attr
F dimensions
F effective_glue
F end_of_math
F find_attribute
F first_glyph
F flatten_discretionaries
F flush_list
F flush_node
F flush_properties_table
F free
F get_attribute
F get_properties_table
F get_synctex_fields
F getattributelist
F getboth
F getbox
F getchar
F getcomponents
F getdepth
F getdir
F getdisc
F getfield
F getfont
F getglue
F getheight
F getid
F getkern

F getlang
F getleader
F getlist
F getnext
F getnucleus
F getoffsets
F getpenalty
F getprev
F getproperty
F getshift
F getsub
F getsubtype
F getsup
F getwhd
F getwidth
F has_attribute
F has_field
F has_glyph
F hpack
F insert_after
F insert_before
F is_char
F is_direct
F is_glyph
F is_node
F is_zero_glue
F kerning
F last_node
F length
F ligaturing
F new
F protect_glyph
F protect_glyphs
F protrusion_skippable
F rangedimensions
F remove
F set_attribute
F set_properties_mode
F set_synctex_fields
F setattributelist
F setboth

F setbox		**end_of_math**	function
F setchar		**family_font**	function
F setcomponents		**fields**	function
F setdepth		**find_attribute**	function
F setdir		**first_glyph**	function
F setdisc		**fix_node_lists**	function
F setfield		**flatten_discretionaries**	function
F setfont		**flush_list**	function
F setglue		**flush_node**	function
F setheight		**flush_properties_table**	function
F setkern		**free**	function
F setlang		**get_attribute**	function
F setleader		**get_properties_table**	function
F setlink		**getboth**	function
F setlist		**getchar**	function
F setnext		**getdisc**	function
F setnucleus		**getfield**	function
F setoffsets		**getfont**	function
F setpenalty		**getglue**	function
F setprev		**getid**	function
F setproperty		**getleader**	function
F setshift		**getlist**	function
F setsplit		**getnext**	function
F setsub		**getprev**	function
F setsubtype		**getproperty**	function
F setsup		**getsubtype**	function
F setwhd		**getwhd**	function
F setwidth		**has_attribute**	function
F slide		**has_field**	function
F tail		**has_glyph**	function
F todirect		**hpack**	function
F tonode		**id**	function
F tostring		**insert_after**	function
F traverse		**insert_before**	function
F traverse_char		**is_char**	function
F traverse_id		**is_glyph**	function
F unprotect_glyph		**is_node**	function
F unprotect_glyphs		**is_zero_glue**	function
F unset_attribute		**kerning**	function
F usedlist		**last_node**	function
F uses_font		**length**	function
F vpack		**ligaturing**	function
F write		**mlist_to_hlist**	function
effective_glue	function	**new**	function

next	function	**tail**	function
prev	function	**tostring**	function
protect_glyph	function	**traverse**	function
protect_glyphs	function	**traverse_char**	function
protrusion_skippable	function	**traverse_id**	function
rangedimensions	function	**type**	function
remove	function	**types**	function
set_attribute	function	**unprotect_glyph**	function
set_properties_mode	function	**unprotect_glyphs**	function
setfield	function	**unset_attribute**	function
setglue	function	**usedlist**	function
setproperty	function	**uses_font**	function
setwhd	function	**vpack**	function
slide	function	**whatsits**	function
subtype	function	**write**	function
subtypes	function		

nodes (context)

accentcodes	data table	**fields**	function
aligned	function	**fillcodes**	data table
append	function	**find_attribute**	function
apply	function	**first_glyph**	function
astable	function	**firstcharacter**	function
basepoints	function	**firstcharinbox**	function
boundarycodes	data table	**firstdirinbox**	function
boxes	table	**firstglyph**	function
F dimensions		**flush**	function
F direct		**flush_list**	function
F found		**flush_node**	function
F reset		**free**	function
F restore		**fullhpack**	function
F save		**getbox**	function
builders	table	**getchar**	function
F buildpage_filter		**getdisc**	function
F vpack_filter		**getfield**	function
check_discretionaries	function	**getfont**	function
codes	data table	**getglue**	function
concat	function	**getid**	function
copy	function	**getleader**	function
copy_list	function	**getlist**	function
copy_node	function	**getnext**	function
count	function	**getprev**	function
countall	function	**getsubtype**	function
current_attr	function	**getwhd**	function
delete	function	**gluecodes**	data table
destinations	table	**glyphcodes**	data table
N attribute		**glyphdir_is_equal**	data table
T done		**glyphdir_is_opposite**	data table
F handler		**glyphdir_is_orthogonal**	data table
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	
effective_glue	function	F cleanupbox	
end_of_math	function	F cleanuppage	
fencecodes	data table	F export	

F finalize		**ischar**	function
F flatten		**isglyph**	function
F flattenline		**kerncodes**	data table
F migrate		**kerning**	function
F protectglyphs		**keys**	table
F stripping		T whatsit	
F textbackgrounds		**last_node**	function
F unprotectglyphs		**leadercodes**	data table
has_attribute	function	**leftmarginwidth**	function
has_field	function	**length**	function
has_glyph	function	**ligaturing**	function
hpack	function	**linefillers**	table
idstostring	function	D data	
ignorablefields	data table	F define	
injections	table	F enable	
F copy		F handler	
F getligaindex		**lines**	table
F getthreshold		T boxed	
F handler		F register	
F installgetspaceboth		F setup	
F installnewkern		F stage_one	
F isspace		F stage_two	
F keepcounts		D data	
F reset		F finalize	
F resetcounts		F number	
F setcursive		N scratchbox	
F setkern		**link**	function
F setligaindex		**linked**	function
F setmark		**list**	function
F setpair		**listablefields**	data table
F setspacekerns		**listcodes**	data table
insert_after	function	**listtoutf**	function
insert_before	function	**load**	function
insert_list_after	function	**locate**	function
installattributehandler	function	**margincodes**	data table
is_char	function	**marginkerncodes**	data table
is_direct	function	**markers**	table
is_display_math	function	F get	
is_glyph	function	**mathcodes**	data table
is_mirrored	data table	**maxboxwidth**	function
is_node	function	**mlist_to_hlist**	function
is_nut	function	**new**	function
is_rotated	data table	**noadcodes**	data table
is_zero_glue	function	**noadoptions**	table

N axis		F getattr
N exact		F getattribute
N left		F getattributelist
N middle		F getattrlist
N no_axis		F getboth
N right		F getbox
N set		F getchar
N unused_1		F getcomponents
N unused_2		F getdepth

nodecodes	data table	F getdir
nopts	function	F getdisc
nuts	table	F getdiscretionary
F append		F getfield
F apply		F getfont
F applyvisuals		F getglue
F check_discretionaries		F getheight
F concat		F getid
F copy		F getkern
F copy_list		F getlang
F copy_no_components		F getlanguage
F copy_node		F getleader
F copy_only_glyphs		F getlist
F copy_properties		F getnext
F copyvisual		F getnucleus
F count		F getoffsets
F count_components		F getpenalty
F countall		F getprev
F current_attr		F getprop
F delete		F getshift
F dimensions		F getsub
F effective_glue		F getsubtype
F end_of_math		F getsup
F find_attribute		F getsurround
F first_glyph		F getwhd
F firstcharacter		F getwidth
F firstcharinbox		F has_attribute
F firstglyph		F has_field
F flush		F has_glyph
F flush_list		F hpack
F flush_node		F insert_after
F free		F insert_before
F fullhpack		F insert_list_after
F get_components		F is_char
F get_synctex_fields		F is_direct

F is_display_math	F pdfpageliteral
F is_glyph	F pdfrawliteral
F is_node	F pdfrestore
F is_nut	F pdfsave
F is_zero_glue	F pdfsetmatrix
F ischar	F penalty
F isglyph	F register
F kerning	F rightmarginkern
F last_node	F rightskip
F leftmarginwidth	F rule
F length	F shrink
F ligaturing	F special
F link	F stretch
F linked	F temp
F locate	F textdir
F mlist_to_hlist	F usage
F nestedtracedslide	F userattributes
F new	T userids
T pool	N margins.inline
F baselineskip	N property
F boundary	N splitters.one
F cleanup	N splitters.two
F disc	F userlist
F emptyrule	F userlua
F fontkern	F usernumber
F glue	F userrule
F gluespec	F userstring
F glyph	F usertokens
F hlist	F vlist
F italickern	F wordboundary
F kern	F prepend
F latelua	F protect_glyph
F lateluafunction	F protect_glyphs
F leader	F protrusion_skippable
F leftmarginkern	F rangedimensions
F leftskip	F rawprop
F lineskip	F reference
F negatedglue	F rehpack
F noad	F remove
F pdfannotation	F repackhlist
F pdfdestination	F replace
F pdfdirectliteral	F rightmarginwidth
F pdfliteral	F set_attribute
F pdforiginliteral	F set_components

F set_synctex_fields	F splitbox
F setattr	F tail
F setattribute	F take_components
F setattributelist	F takeattr
F setattributes	F takebox
F setattrlist	F takelist
F setboth	F theprop
F setbox	F tonode
F setchar	F tonodes
F setcomponents	F tonut
F setdepth	F tosequence
F setdir	F tostring
F setdisc	F tracedslide
F setdiscretionary	F traverse
F setfield	F traverse_char
F setfont	F traverse_id
F setglue	T typesetters
F setheight	F tohbox
F setkern	F tohpack
F setlang	F tonodes
F setlanguage	F tovbox
F setleader	F tovpack
F setlink	F unprotect_glyph
F setlist	F unprotect_glyphs
F setnext	F unset_attribute
F setnucleus	F unsetattribute
F setoffsets	F unsetattributes
F setpenalty	F untracedslide
F setprev	F use_components
F setprop	F usedlist
F setshift	F uses_font
F setsplit	F vianodes
F setsub	F vianuts
F setsubtype	F vpack
F setsup	F write

packlist   function
pardir_is_equal   data table
pardir_is_opposite   data table
pardir_is_parallel   data table
partextdir_is_equal   data table
penaltycodes   data table
plugindata   table
  F finalizer
  F initializer

Remaining left-column entries:

F setsurround
F setunsetattributes
F setvisual
F setvisuals
F setwhd
F setwidth
F slide
F somepenalty
F somespace

S name		F delayed	
T namespace		F fdelayed	
N attribute		F immediate	
D data		F attach	
F enable		T data	
F handler		F delayed	
F register		**protect_glyph**	function
D registered		**protect_glyphs**	function
D values		**protrusion_skippable**	function
F processor		**pts**	function
points	function	**radicalcodes**	data table
pool	table	**rangedimensions**	function
F baselineskip		**reference**	function
F cleanup		**references**	table
F glyph		N attribute	
F hlist		T done	
F kern		F handler	
F latelua		T stack	
F lineskip		**rehpack**	function
F pdfdirect		**remove**	function
F pdfliteral		**repackhlist**	function
F pdforiginliteral		**replace**	function
F pdfrestore		**report**	function
F pdfsave		**rightmarginwidth**	function
F pdfsetmatrix		**rulecodes**	data table
F register		**rules**	table
F rule		D data	
F special		F define	
F usage		F enable	
F usernumber		F handler	
F vlist		T ruleactions	
prepend	function	F draw	
print	function	F fill	
processors	table	F mp	
F contribute_filter		F stroke	
B enabled		F userrule	
F hpack_filter		**save**	function
F post_linebreak_filter		**serialize**	function
F pre_linebreak_filter		**serializebox**	function
F tracer		**set_attribute**	function
processranges	function	**setattributes**	function
processwords	function	**setboth**	function
properties	table	**setbox**	function
T actions		**setboxtonaturalwd**	function

setfield	function		F freezegroup
setglue	function		F new
setlink	function		F prependaction
setlist	function		F removeaction
setnext	function		F replaceaction
setprev	function		F restart
setunsetattributes	function		F setaction
setwhd	function		F showactions
shifts	table		F table

D data		**textdir_is_equal**	data table
F define		**textdir_is_is**	data table
F enable		**textdir_is_opposite**	data table
F handler		**textdir_is_parallel**	data table
show	function	**tobasepoints**	function
showboxes	function	**tocentimeters**	function
showcodes	function	**tociceros**	function
showlist	function	**todidots**	function
showsimplelist	function	**todimen**	function
skipcodes	data table	**toinches**	function
slide	function	**tomillimeters**	function
snapshots	table	**tonewciceros**	function
		tonewdidots	function
F getparameters		**tonode**	function
F getsamples		**tonodes**	function
F resetsamples		**tonut**	function
F takesample		**topicas**	function
somepenalty	function	**topoints**	function
somespace	function	**toscaledpoints**	function
splitbox	function	**tosequence**	function
stripdiscretionaries	function	**tostring**	function
stripping	table	**totable**	function
		totree	function
T glyphs		**toutf**	function
F set		**tracers**	table
striprange	function		
tail	function	T characters	
takeattr	function	F collect	
takebox	function	F equal	
tasks	table	F start	
		F string	
F actions		F unicodes	
F appendaction		T colors	
F disableaction		F reset	
F disablegroup		F set	
F enableaction		F setlist	
F enablegroup			
F freeze			

F	fontchar		
T	frequencies		
F	register		
T	pool		
T	nodes		
F	rule		
T	nuts		
F	rule		
F	resetproperties		
F	rule		
F	setlist		
F	setproperties		
F	start		
T	steppers		
F	check		
F	codes		
F	features		
F	font		
F	glyphs		
F	message		
F	messages		
F	nofsteps		
F	register		
F	reset		
F	start		
F	stop		
F	stop		
T	transparencies		
F	reset		
F	set		
F	setlist		
traverse		function	

traverse_char		function
traverse_id		function
typesetters		table
F	hbox	
F	hpack	
F	tohbox	
F	tohpack	
F	tonodes	
F	tovbox	
F	tovpack	
F	vpack	
unprotect_glyph		function
unprotect_glyphs		function
unset_attribute		function
unsetattribute		function
unsetattributes		function
usedlist		function
usercodes		data table
vianodes		function
vianuts		function
visualizebox		function
visualizers		table
F	box	
F	handler	
F	markfonts	
F	setfont	
F	setlayer	
F	setvisual	
vpack		function
whatcodes		data table
whatsitcodes		data table
write		function

number (context)

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

objects (context)

data	table	**page**	function
dimensions	function	**reference**	function
found	function	**register**	function
n	number	**restore**	function

os (basic lua)

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

package (basic lua)

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

pagebuilders (context)

columnsets   table

   F add

   F block

   F check

   F currentcolumn

   F define

   F finishflush

   F flushareas

   F flushcolumn

   F flushrest

   F goto

   F noto

   F prepareflush

   F put

   F registerarea

   F reset

   F setarea

   F sethsize

   F sethspan

   F setlines

   F setproperties

   F setstart

   F setvsize

injections   table

   F flushafter

   F flushbefore

   F save

mixedcolumns table

   F cleanup

   F finalize

   F getlist

   F getrest

   F getsplit

   F setsplit

pdf (basic tex)

fontname	function	**immediateobj**	function
fontobjnum	function	**mapfile**	function
fontsize	function	**mapline**	function
getcatalog	function	**maxobjnum**	function
getcompresslevel	function	**newcolorstack**	function
getcreationdate	function	**obj**	function
getdecimaldigits	function	**objtype**	function
getdestmargin	function	**pageref**	function
getgentounicode	function	**print**	function
gethpos	function	**refobj**	function
getignoreunknownimages	function	**registerannot**	overloaded function
getimageresolution	function	**reserveobj**	function
getinclusionerrorlevel	function	**setcatalog**	overloaded function
getinfo	function	**setcompresslevel**	function
getlastannot	function	**setdecimaldigits**	function
getlastlink	function	**setdestmargin**	function
getlastobj	function	**setfontattributes**	function
getlinkmargin	function	**setgentounicode**	function
getmajorversion	function	**setignoreunknownimages**	function
getmatrix	function	**setimageresolution**	function
getminorversion	function	**setinclusionerrorlevel**	function
getnames	function	**setinfo**	overloaded function
getobjcompresslevel	function	**setlinkmargin**	function
getomitcidset	function	**setmajorversion**	function
getorigin	function	**setminorversion**	function
getpageattributes	function	**setnames**	overloaded function
getpageresources	function	**setobjcompresslevel**	function
getpagesattributes	function	**setomitcidset**	function
getpkresolution	function	**setorigin**	function
getpos	function	**setpageattributes**	overloaded function
getretval	function	**setpageresources**	overloaded function
getsuppressoptionalinfo	function	**setpagesattributes**	overloaded function
getthreadmargin	function	**setpkresolution**	function
gettrailer	function	**setsuppressoptionalinfo**	function
gettrailerid	function	**setthreadmargin**	function
getversion	function	**settrailer**	overloaded function
getvpos	function	**settrailerid**	function
getxformattributes	function	**setxformattributes**	function
getxformmargin	function	**setxformmargin**	function
getxformresources	function	**setxformresources**	function
hasmatrix	function	**xformname**	function

pdfscanner (context)

scan function

physics (context)

units table   D tables

    F registerunit

publications (context)

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

T demo-a		T virtualfields	
S category		B authornum	
T extra		B authoryear	
T fields		B authoryears	
S author		B num	
S institution		B suffix	
S organization		**datasets**	table
S subtitle		**detailed**	table
S title		**endnotes_to_btx**	function
S year		**enhancer**	table
T optional		S arguments	
T required		T askip	
T sets		B dirty	
T author		T gskip	
T virtual		T kind	
T demo-b		T list	
S category		T system	
T extra		T order	
T fields		**enhancers**	table
S author		F details	
S institution		F order	
S organization		F suffixes	
S subtitle		**finder**	function
S title		**firstofrange**	function
S year		**found**	function
T optional		**get**	function
T required		**getcasted**	function
T sets		**getdetail**	function
T authors		**getdirect**	function
T virtual		**getfaster**	function
S comment		**getfield**	function
S copyright		**getfuzzy**	function
T fields		**getindex**	function
S name		**inspectors**	data table
T types		**journals**	table
S author		F abbreviated	
S editor		F add	
S keywords		F expanded	
S number		F load	
S page		F save	
S pages		**lastofrange**	function
S volume		**lists**	table
S version		F collectentries	
D virtual		F combiinlist	

F	fetchentries		
F	filterall		
F	flushcombi		
F	flushentry		
T	methods		
F	dataset		
F	force		
F	global		
F	local		
F	nofregistered		
F	prepareentries		
F	register		
F	sameasprevious		
T	sorters		
F	cite		
F	dataset		
F	default		
F	index		
F	list		
F	reference		
F	short		
F	used		
F	uservariable		
listvariants		table	
F	default		
F	index		
F	num		
F	page		
F	short		
F	tag		
load		function	
loadbibdata		function	
loaddefinitionfile		function	
loaders		table	
F	bbl		
F	bib		
F	buffer		
F	endnote		
F	lua		
F	refman		
F	registercleaner		
F	xml		
loadreplacementfile		function	
new		function	

okay		function
oneorrange		function
parenttag		function
permitted		function
refman_to_btx		function
resolvedname		function
save		function
search		function
setcategory		function
setspecification		function
singularorplural		function
sortedentries		function
sortmethods		table
T	authoryear	
T	sequence	
specifications		table
T	default	
S	author	
S	comment	
S	copyright	
S	name	
S	version	
D	virtual	
splitauthor		function
splitoneauthor		function
statistics		table
N	nofbytes	
N	nofdatasets	
N	nofdefinitions	
N	nofshortcuts	
tables		table
D	implicits	
D	origins	
D	privates	
D	sets	
D	specials	
D	types	
D	virtuals	
tags		function
tracers		table
F	showdatasetauthors	
F	showdatasetcompleteness	
F	showdatasetfields	
F	showentry	

F showfields	
F showhashedauthors	
F showtables	
F showvariants	
typesetters	table
F author	
F string	

usedataset	function
usedentries	function
writers	table
F author	
F keyword	
F pagenumber	
F range	

regimes (context)

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

resolvers (context)

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

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

sandbox (context)

disablelibraries	function	**possiblepath**	function
disablerunners	function	**redefine**	function
enable	function	**register**	function
filehandlerone	function	**registerbinary**	function
filehandlertwo	function	**registerlibrary**	function
finalizer	function	**registerroot**	function
getrunner	function	**registerrunner**	function
initializer	function	**report**	function
iohandler	function	**setfilenamelogger**	function
logcalls	function	**setlogger**	function
logfiles	function	**setreporter**	function
original	function	**settrace**	function
overload	function	**validfilename**	function

scripts (context)

autofontfeature table
    F disable
    F enable
    F handler
categorytonumber data table
colors data table
decomposehangul function
defaults table
    N inter_char_half_shrink_factor
    N inter_char_half_stretch_factor
    N inter_char_hangul_penalty
    N inter_char_quarter_shrink_factor
    N inter_char_quarter_stretch_factor
    N inter_char_shrink_factor

    N inter_char_stretch_factor
    N inter_word_stretch_factor
handlers data table
hash table
injectors data table
installdataset function
installmethod function
numbertocategory data table
numbertodataset data table
numbertohandler data table
reset function
set function
splitters data table

set (context)

contains function   **tonumber** function
create   function   **totable**   function
tolist   function

sio (context)

read2dot14	function	**readfixed2**	function
readbytes	function	**readfixed4**	function
readbytetable	function	**readinteger1**	function
readcardinal1	function	**readinteger2**	function
readcardinal2	function	**readinteger3**	function
readcardinal3	function	**readinteger4**	function
readcardinal4	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
packch function
packuc function
setlanguage function
sort function
splitters table
  F utf
strip function
tracers data table
update function

statistics (context)

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

status (basic tex)

list   function
resetmessages function

storage (context)

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

streams (context)

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

string (basic lua)

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

structures (context)

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

D	data	F	savedlistnumber
F	define	F	savedlistprefixednumber
F	getdata	F	savedlisttitle
F	getlocation	D	sectionblocks
F	getname	F	sectionnumber
F	getnumber	F	size
F	setlocation	F	title
F	setup	D	tobesaved
D	stored	F	userdata

itemgroups table   F | uservalue

lists table

F	addto	**marks**	table
F	analyze	D	data
B	autoreorder	F	define
D	cached	F	exists
D	collected	F	fetch
F	discard	F	fetchallmarks
F	enhance	F	fetched
T	enhancers	F	fetchonemark
F	filter	F	fetchtwomarks
F	formulanumber	F	get
F	getresult	F	number
F	groupindex	F	relate
F	hasnumberdata	F	reset
F	haspagedata	F	set
F	hastitledata	F	show
F	iscached	F	synchronize
D	kinds	F	title
F	label	T	tracers
F	location	F	showtable
D	names	**notes**	table
F	number	F	check_spacing
D	ordered	F	checkpagechange
F	page	F	define
F	popnesting	F	doifonsamepageasprevious
F	prefix	F	get
F	prefixednumber	F	getdeltapage
F	prefixedpage	F	getinternal
F	process	F	getn
D	pushed	F	getstate
F	pushnesting	F	hascontent
F	realpage	F	internal
F	reordered	F	internalid
T	result	F	listindex
		T	numbers

F	ordered	F	filterdefault
F	postpone	D	filters
F	resetpostponed	D	flaginternals
F	restore	F	from
F	save	D	functions
F	setstate	F	get
D	states	F	getcurrentmetadata
F	store	F	getcurrentprefixspec
pages	**table**	F	getinnermethod
F	analyze	F	getinternalcachedlistreference
D	collected	F	getinternallistreference
F	in_body	F	getinternalreference
F	is_odd	D	handlers
N	nofpages	F	identify
F	number	F	import
F	on_right	F	inject
F	save	F	injectcurrentset
D	tobesaved	S	innermethod
references	**table**	D	internals
F	analyze	F	load
F	checkedfile	F	loadpresets
F	checkedfileorurl	F	mark
F	checkedprogram	D	pages
F	checkedrealpage	U	prefixsplitter
F	checkedurl	D	productdata
D	collected	T	programs
U	componentsplitter	T	data
F	currentmetadata	F	define
F	currentorder	F	get
D	currentset	F	realpageofpage
F	define	U	referencesplitter
D	defined	D	referred
D	derived	F	referredpage
F	enableinteraction	F	registerfinalizer
F	enhance	F	registerinitializer
D	executers	F	registerpage
F	expandcurrent	F	reportproblems
F	export	F	reset
T	files	D	runners
T	data	F	set
F	define	F	setandgetattribute
F	found	F	setcomponent
F	get	F	setinnermethod
F	filter	F	setinternalreference

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

F	setblock	D	tobesaved
F	setchecker	**tags**	**table**
F	setentry	F	elementtag
F	setinitialblock	F	finishexport
F	setlevel	F	getid
F	setnumber	F	handler
F	structuredata	D	labels
F	title	F	last
D	tobesaved	F	lastinchain
F	typesetnumber	F	locatedtag
F	userdata	T	patterns
B	verbose	U	splitter
sets	**table**	D	properties
F	define	F	registermetadata
F	get	F	restart
F	getall	F	setaspect
D	setlist	F	setattributehash
specials	**table**	F	setcombination
D	collected	F	setfigure
F	retrieve	F	sethighlight
F	store	F	setitem
D	tobesaved	F	setitemgroup
synonyms	**table**	F	setlist
F	analyzed	F	setnotation
D	collected	F	setnotationsymbol
F	compare	F	setproperty
F	define	F	setregister
F	filter	F	setsorting
F	finalize	F	setsynonym
F	flush	F	settablecell
F	isshown	F	settabulatecell
F	isused	F	settagdelimitedsymbol
F	meaning	F	settagsubsentencesymbol
F	prepare	F	setupexport
F	process	F	setuserproperties
F	register	D	specifications
F	registershown	F	start
F	registerused	F	stop
F	resetshown	F	strip
F	resetused	D	taglist
F	sort	T	usewithcare
F	synonym	T	images

table (basic lua)

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

tex (basic tex)

attribute	table	**getmuglue**	function
badness	function	**getmuskip**	function
box	table	**getnest**	function
catcode	table	**getsfcode**	function
conditionals	data table	**getskip**	function
constants	data table	**gettoks**	function
count	table	**getuccode**	function
cprint	function	**glue**	table
ctdcatcodes	number	**hashtokens**	function
ctxcatcodes	number	**ifs**	data table
definefont	function	**inicatcodes**	number
delcode	table	**init_rand**	function
dimen	table	**isattribute**	function
directives	data table	**isbox**	function
enableprimitives	function	**iscount**	overloaded function
error	function	**isdefined**	function
extraprimitives	function	**isdimen**	overloaded function
finish	function	**ismuskip**	overloaded function
fontidentifier	function	**isskip**	overloaded function
fontname	function	**istoken**	function
force_synctex_line	function	**istoks**	function
force_synctex_tag	function	**lccode**	table
fprint	function	**linebreak**	function
get	function	**lists**	table
get_synctex_line	function	**lua_math_random**	function
get_synctex_mode	function	**lua_math_randomseed**	function
get_synctex_tag	function	**luacatcodes**	number
getattribute	function	**mathcode**	table
getbox	function	**modes**	data table
getboxresourcedimensions	function	**muglue**	table
getcatcode	function	**muskip**	table
getcount	function	**nest**	table
getdelcode	function	**nilcatcodes**	number
getdelcodes	function	**normal_rand**	function
getdimen	function	**notcatcodes**	number
getglue	function	**number**	function
getlccode	function	**primitives**	function
getlist	function	**print**	function
getmath	function	**prtcatcodes**	number
getmathcode	function	**resetparagraph**	function
getmathcodes	function	**romannumeral**	function

round	function	**setuccode**	function
run	function	**sfcode**	table
saveboxresource	function	**shipout**	function
scale	function	**show_context**	function
scantoks	function	**skip**	table
set	function	**sp**	function
set_synctex_line	function	**splitbox**	function
set_synctex_mode	function	**sprint**	function
set_synctex_tag	function	**systemmodes**	data table
setattribute	function	**takebox**	function
setbox	function	**texcatcodes**	number
setcatcode	function	**toks**	table
setcount	function	**tpacatcodes**	number
setdelcode	function	**tpbcatcodes**	number
setdimen	function	**tprint**	function
setglue	function	**trackers**	data table
setlccode	function	**triggerbuildpage**	function
setlist	function	**txtcatcodes**	number
setmath	function	**type**	function
setmathcode	function	**uccode**	table
setmuglue	function	**uniform_rand**	function
setmuskip	function	**uniformdeviate**	function
setnest	function	**uprint**	function
setsfcode	function	**useboxresource**	function
setskip	function	**vrbcatcodes**	number
settoks	function	**write**	function

texconfig (basic tex)

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

texio (basic tex)

setescape function   **write_nl**   function
write   function

token (basic tex)

create	function	**is_token**	function
get_active	function	**put_next**	function
get_cmdname	function	**scan_code**	function
get_command	function	**scan_csname**	function
get_csname	function	**scan_dimen**	function
get_expandable	function	**scan_glue**	function
get_id	function	**scan_int**	function
get_index	function	**scan_keyword**	function
get_macro	function	**scan_string**	function
get_meaning	function	**scan_token**	function
get_mode	function	**scan_toks**	function
get_next	function	**scan_word**	function
get_protected	function	**set_macro**	function
get_tok	function	**type**	function

tokens (context)

astable function
bgroup userdata
bits table
   N active
   N alignment
   N begingroup
   N character
   N close
   N comment
   N endgroup
   N endofline
   N escape
   N ignore
   N invalid
   N letter
   N mathshift
   N open
   N other
   N parameter
   N space
   N subscript
   N superscript
   N whitespace
collectors table
   T data
   F defaultwords
   F dowithwords
   F flush
   F install
   F register
   T registered
   F show
   F test
compile function
constant function
converters table
   S toboolean
   S todimen
   S toglue
   S tonumber
   S tostring

defined function
egroup userdata
getters table
   F box
   F count
   F dimen
   F glue
   F macro
   F meaning
   F skip
   F token
hbox userdata
istoken function
letter function
letters function
other function
pickup function
printlist function
scanners table
   F boolean
   F code
   F conditional
   F count
   F csname
   F dimen
   F dimension
   F glue
   F integer
   F keyword
   F list
   F lxmlid
   F number
   F scanclose
   F scanopen
   F skip
   F string
   F token
   F tokens
   F toks
   F word
scantable function

setters	table		F	boolean
F	box		F	code
F	count		F	conditional
F	dimen		F	count
F	glue		F	csname
F	macro		F	dimen
F	skip		F	dimension
shortcuts	table		F	glue
			F	integer
T	bits		F	keyword
N	active		F	list
N	alignment		F	lxmlid
N	begingroup		F	number
N	character		F	scanclose
N	close		F	scanopen
N	comment		F	skip
N	endgroup		F	string
N	endofline		F	token
N	escape		F	tokens
N	ignore		F	toks
N	invalid		F	word
N	letter		F	scannumber
N	mathshift		F	scanopen
N	open		F	scanstring
N	other		F	scanword
N	parameter		F	toboolean
N	space		F	todimen
N	subscript		T	tokens
N	superscript		F	astable
N	whitespace		U	bgroup
N	close		T	collectors
F	inspect		F	defaultwords
N	open		F	dowithwords
F	report		F	flush
F	scanboolean		F	install
F	scanclose		F	register
F	scancode		F	show
F	scanconditional		F	test
F	scancsname		F	compile
F	scandimen		F	constant
F	scandimension		T	converters
F	scaninteger		S	toboolean
F	scankeyword		S	todimen
F	scanlist		S	toglue
T	scanners			

S tonumber	N close
S tostring	F inspect
F defined	N open
U egroup	F report
T getters	F scanboolean
F box	F scanclose
F count	F scancode
F dimen	F scanconditional
F glue	F scancsname
F macro	F scandimen
F meaning	F scandimension
F skip	F scaninteger
F token	F scankeyword
U hbox	F scanlist
F istoken	F scannumber
F letter	F scanopen
F letters	F scanstring
F other	F scanword
F pickup	F toboolean
F printlist	F todimen
F scantable	F tonumber
T setters	F tostring
F box	U vbox
F count	U vtop
F dimen	F tonumber
F glue	F tostring
F macro	
F skip	
T shortcuts	

vbox   userdata

vtop   userdata

tracers (context)

count	function	**primitive**	function
cs	function	**printerror**	function
dimen	function	**printwarning**	function
knownlist	function	**showlines**	function
lists	table	**strings**	table
T context		S undefined	
T internals		**toks**	function
T scratch		**type**	function
name	function		

trackers (context)

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

typesetters (context)

alignments   table
   F handler
   F set
breakpoints   table
   F define
   F handler
   D mapping
   T methods
   T numbers
   F set
   F setreplacement
cases   table
   T actions
   F handler
   F register
   F set
characteralign   table
   F handler
   F resetcharacteralign
   F setcharacteralign
characters   table
   F handler
   T methods
   F 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
fontkerns   table
   F handler
initials   table
   T actions
     F default
   F addanchortoline
   F addtoline
   F calculatedelta
   F checkline
   F handler
   F moveinline
   F normalize
   F set
injectors   table
   F check
   T list
   F mark
   F reset
   F set
   F show
italics   table
   F enablemath
   F enabletext
   F forcevariant
   F handler
   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 Words

   F abbreviatedjournal

   F expandedjournal

   F lowercase

   F stripperiod

   F uppercase

  T patterns

   U list

   U pair

  F splitspecification

margins table

  F finalhandler

  F globalhandler

  F localhandler

  F save

marksuspects function

paragraphs table

  F addanchortoline

  F addtoline

  F calculatedelta

  F checkline

  F handler

  F moveinline

  F normalize

  F set

processors table

  F apply

  F register

  F reset

  F split

  F startapply

  F stopapply

  F stripped

  F tostring

rubies table

  F attach

  F check

showsuspects function

spacings table

  F define

  F handler

  D mapping

  T numbers

   T frenchpunctuation

    T characters

    S name

    N number

  F reset

  F set

  F setup

wrappers table

  F handler

xtables table

  F cleanup

  F construct

  F create

  F finish_row

  F flush

  F initialize_construct

  F initialize_reflow_height

  F initialize_reflow_width

  F next_row

  F reflow_height

  F reflow_width

  F set_construct

  F set_reflow_height

  F set_reflow_width

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

toutf32string function

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

utilities (context)

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

files   table
    F close
    F getposition
    F getsize
    F look
    F open
    F read2dot14
    F readbyte
    F readbytes
    F readbytetable
    F readcardinal
    F readcardinal1
    F readcardinal2
    F readcardinal2le
    F readcardinal3
    F readcardinal3le
    F readcardinal4
    F readcardinal4le
    F readchar
    F readfixed2
    F readfixed4
    F readinteger
    F readinteger1
    F readinteger2
    F readinteger2le
    F readinteger3
    F readinteger3le
    F readinteger4
    F readinteger4le
    F readsignedbyte
    F readstring
    F readtag
    F setposition
    F size
    F skip

    F skiplong
    F skipposition
    F skipshort
    F writebyte
    F writecardinal2
    F writecardinal4
    F writestring

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
    F registerfinalizer
    B stripcode
    T strippedchunks
    F strippedloadstring
    T suffixes
      S lua
      S luc
      S lui
      S luj
      S luv
      S tma
      S tmc
      S tua
      S tuc

packers   table
    F hashed
    F new
    F pack
    F simplehashed

F readstring	
F setposition	
F size	
F skip	
F skipbytes	
F skiplong	
F skipshort	

strings   table

F collapsecrlf	
T formatters	
F add	
F new	
F newcollector	
F newrepeater	
F nice	
T striplinepatterns	
U collapse	
U prune	
U prune and collapse	
U prune and no empty	
U 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		**pop**	function
down	function		**push**	function
fontid	function		**right**	function
image	function		**rule**	function
node	function		**special**	function
nop	function			

visualizers (context)

escapepatterns	data table	**signal**	string
getspecification	function	**signalpattern**	userdata
getvisualizer	function	**specifications**	data table
load	function	**visualize**	function
makenested	function	**visualizebuffer**	function
makepattern	function	**visualizefile**	function
newgrammar	function	**visualizestring**	function
newhandler	function	**write**	function
parsedxml	function	**writeargument**	function
pattern	function	**writedefault**	function
register	function	**writeemptyline**	function
registerescapecommand	function	**writenewline**	function
registerescapeline	function	**writespace**	function
registerescapepattern	function		

xml (context)

addentitiesdoctype	function	**defaulthandlers**	table
addspecialcode	function	D file	
after	function	D parsedxml	
all	function	D string	
applylpath	function	D tex	
applyselector	function	D texline	
assign	function	D texspace	
attribute	function	D verbose	
badinclusions	function	**defaultprotocol**	string
before	function	**delete**	function
body	function	~~**delete_element**~~	~~function~~
builtinentities	table	**despecialized**	function
B amp		**each**	function
B apos		~~**each_element**~~	~~function~~
B gt		**elements**	function
B lt		**elementtocdata**	function
B quot		**empty**	function
cdata	function	**entities**	data table
cdatatotext	function	**erase**	function
checkbom	function	**errorhandler**	function
checkerror	function	**escaped**	function
checknamespace	function	**expressions**	table
checkns	function	F boolean	
cleansed	function	F child	
collect	function	F contains	
~~**collect_elements**~~	~~function~~	F count	
collect_tags	function	F error	
~~**collect_texts**~~	~~function~~	F find	
collected	function	F idstring	
collecttexts	function	F lower	
content	function	F name	
convert	function	F number	
copy	function	F oneof	
count	function	F print	
cprint	function	F quit	
css	table	F tag	
F applyselector		F text	
F colorspecification		F undefined	
F dimension		F upper	
F fontspecification		**fillin**	function
F padding		**filter**	function

finalizers	table	F index	
F paragraphs		F last	
T tex		F lowerall	
F all		F match	
F attribute		F name	
F chainattribute		F position	
F chainpath		F reverse	
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		**first**	function
F first		**found**	function
F function		**functions**	table
F index		**getbuffer**	function
F last		**gethandlers**	function
F lettered		**gethandlersfunction**	function
F lower		**helpers**	table
F lowerall		F recursetext	
F match		**include**	function
F name		**inclusion**	function
F position		**inclusions**	function
F reverse		**index**	function
F stripped		**inheritedconvert**	function
F tag		**inject**	function
F tags		~~**inject_element**~~	~~function~~
F text		~~**inject_element_after**~~	~~function~~
F upper		~~**inject_element_before**~~	~~function~~
F upperall		**injectafter**	function
T xml		**injectbefore**	function
F all		**insert**	function
F att		**insert_element**	function
F attribute		~~**insert_element_after**~~	~~function~~
F attributes		~~**insert_element_before**~~	~~function~~
F cdata		**insertafter**	function
F chainattribute		**insertbefore**	function
F count		**insertcdata**	function
F default		**insertcomment**	function
F elements		**inspect**	function
F empty		**is_valid**	function
F first		**kind**	function
F function		**last**	function

lastmatch	function		**replace**	function
load	function		~~**replace_element**~~	~~function~~
lpath	function		**resetinjectors**	function
lpathcached	function		**resolvens**	function
lpathcalls	function		**root**	function
lshow	function		**save**	function
makestandalone	function		**selection**	function
match	function		**separate**	function
name	function		**serialize**	function
newhandlers	function		**setcdata**	function
nodesettostring	function		**setcomment**	function
originalload	function		**sethandlersfunction**	function
package	function		**setinjectors**	function
parent	function		**setproperty**	function
parsedentitylpeg	userdata		**settings**	function
pihandlers	table		**specialcodes**	table
F injector			S "	
F tex			S #	
placeholders	table		S $	
F unknown_any_entity			S %	
F unknown_dec_entity			S &	
F unknown_hex_entity			S '	
popmatch	function		S <	
position	function		S >	
privatecodes	table		S \	
privatetoken	function		S {	
process	function		S |	
~~**process_attributes**~~	~~function~~		S }	
~~**process_elements**~~	~~function~~		S ~	
processattributes	function		**specialhandler**	table
profiled	table		**sprint**	function
pushmatch	function		**string**	function
raw	function		**strip**	function
registerentity	function		~~**strip_whitespace**~~	~~function~~
registerns	function		**stripelement**	function
reindex	function		**stripleadingspaces**	function
~~**remap_name**~~	~~function~~		**table**	function
~~**remap_namespace**~~	~~function~~		**text**	function
~~**remap_tag**~~	~~function~~		**textonly**	function
remapname	function		**texttocdata**	function
remapnamespace	function		**tocdata**	function
remaptag	function		**toelement**	function
renamespace	function		**tostring**	function
reparsedentitylpeg	userdata		**totable**	function

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

zip (extra lua)

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

zlib (extra lua)

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