1 attributes backends bibtex blobs boolean buffers builders caches callbacks catcodes characters chemicals commands containers context converters coroutine debug dir directives document documentdata environment epdf experiments figures floats font fontloader fonts global graphics gzip img interactions interfaces io job languages layouts lfs libraries lmx logs lpdf ltn12 lua luatex lxml math mathematics md5 metapost mime moduledata modules mplib noads nodes number os package parametersets physics profiler regimes resolvers scripts set socket sorters statistics storage streams stri structures tokens tracers trackers typesetters unicode url utilities visualizers xml zip zlib

ConTEXt MkIV

global (alias: _G)

1	table	interfaces	table
	table	io	table
arg assert	function		function
attributes	table	ipairs	table
backends	table	job	table
		lang	table
beginpage bibtex	function table	languages	table
blobs	table	layouts	
	table	lfs	table
boolean		libraries	table table
buffers	table	lmx	
builders	table	load	function
caches	table	loadfile	function
callback	table	loadstring	function
callbacks	table	logs	table
catcodes	table	lpdf	table
characters	table	lpeg	table
chemicals	table	ltn12	table
collectgarbage	function	lua	table
commands	table	luatex	table
containers	table	lxml	table
context	function	math	table
converters	table	mathematics	table
coroutine	table	md5	table
debug	table	metapost	table
dimen	function	mime	table
dir	table	module	function
directives	table	moduledata	table
document	table	modules	table
${\tt documentdata}$	table	mplib	table
dofile	function	newline	function
endpage	function	newproxy	function
environment	table	next	function
epdf	table	noads	table
error	function	node	table
experiments	table	nodes	table
figures	table	number	table
file	table	os	table
floats	table	outputpagestree	function
font	table	package	table
fontloader	table	pairs	function
fonts	table	parametersets	table
gcinfo	function	pcall	function
getfenv	function	pdf	table
getmetatable	function	physics	table
getreadfilename	function	print	function
global	table	profiler	table
graphics	table	protect	function
gzip	table	rawequal	function
img	table	rawget	function
inspect	function	rawset	function
interactions	table	regimes	table
		- G	- -

report_characters	function	tocontext	function
require	function	token	table
resolvers	table	tokens	table
scripts	table	tonumber	function
select	function	tostring	function
set	table	trace_characters	boolean
setfenv	function	traceback	function
setmetatable	function	tracers	table
socket	table	trackers	table
sorters	table	type	function
statistics	table	typesetters	table
status	table	unicode	table
storage	table	unpack	function
streams	table	url	table
string	table	utf	table
${ t stripmath}$	function	utilities	table
structures	table	visualizers	table
table	table	xml	table
tex	table	xmlconvert	function
texconfig	table	xpcall	function
texio	table	zip	table
toboolean	function	zlib	table

attributes (context)

colorintents table	F setlist
N attribute	F setmodel
D data	D sets
F enable	F spot
F handler	F spotcolorname
F register	F spotcolorparent
D registered	F spotcolorvalue
colors table	B supported
N attribute	F transparencycomponents
F cmyk	B triggering
F cmyktogray	F usecolors
F cmyktorgb	F value
F colorcomponents	D values
B couple	B weightgray
D data	<pre>define function</pre>
N default	<pre>effects table</pre>
F defineintermediatecolor	N attribute
F definemixcolor	D data
F definemultitonecolor	F enable
F defineprocesscolor	F handler
F definesimplegray	F register
F definespotcolor	D registered
F definetransparency	D values
F enable	handlers table
F filter	list data table
F forcedmodel	names data table
F forcedmodel F forcesupport F formatcolor	<pre>names data table negatives table N attribute</pre>
F forcesupport F formatcolor	<pre>negatives table N attribute</pre>
F forcesupport F formatcolor F formatgray	negatives table
F forcesupport F formatcolor F formatgray F gray	<pre>negatives table N attribute D data</pre>
F forcesupport F formatcolor F formatgray F gray F graytohsv	negatives table N attribute D data F enable F handler
F forcesupport F formatcolor F formatgray F gray F gray F handler	negatives table N attribute D data F enable F handler F register
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray	negatives table N attribute D data F enable F handler F register D registered
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray F hsvtorgb	negatives table N attribute D data F enable F handler F register D registered numbers data table
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray F iccprofile F isblack	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function
F forcesupport F formatcolor F formatgray F gray F gray F handler F handler F havtorgb F iccprofile F isblack N main	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F iccprofile F isblack N main S model F mpcolor	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F iccprofile F isblack N main S model F mpcolor F mpoptions	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none	negatives table Nattribute Data Fenable Fhandler Fregister Dregistered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F finalize
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F finalize F initialize
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F finalize F initialize F process
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F initialize F process F selective
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F initialize F process F selective F stacked
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered F registerspotcolor	negatives table Nattribute Data Fenable Fhandler Fregister Dregistered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F initialize F process F selective F stacked transparencies table
F forcesupport F formatcolor F formatgray F gray F gray F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered F registerspotcolor F rgb	negatives table Nattribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F enabletriggering F finalize F process F selective F stacked transparencies table N attribute
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered F registerspotcolor F rgb F rgbtocmyk	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F finalize F initialize F process F selective F stacked transparencies table N attribute D data
F forcesupport F formatcolor F formatgray F gray F grayy F graytohsv F handler F hsvtogray F hsvtorgb F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered F registerspotcolor F rgb F rgbtogray	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F initialize F process F selective F stacked transparencies table N attribute D data F enable
F forcesupport F formatcolor F formatgray F gray F graytohsv F handler F hsvtogray F iccprofile F isblack N main S model F mpcolor F mpoptions U none F popset F pushset F register D registered F registerspotcolor F rgb F rgbtocmyk	negatives table N attribute D data F enable F handler F register D registered numbers data table ofnode function private function showcurrent function states table F disabletriggering F enabletriggering F finalize F initialize F process F selective F stacked transparencies table N attribute D data

- U none
 F register
 D registered
 R supported
- B supported
- B triggering
- F value
 D values
- unsetvalue number
 viewerlayers table
 - ${\tt N}$ attribute
 - D data
 - F define
 - F enable

- F forcesupport
- F handler
- B hasorder
- D listwise
- F register
- D registered
- D scopes
- F setfeatures
- F start
- F stop
- B supported
- D values

backends (context)

codeinjections	table		F setformsmethod
F synchronized			F setpagetransition
current	string		F setupcanvas
defaults	table		F setupidentity
T codeinjection	ons		F setxmpfile
T nodeinjection			F startlayer
T registration			F stoplayer
D tables			F supportedformats
install	function		F useviewerlayer
nodeinjections			F validfield
F restore	04010		F validfieldcategory
F save			F validfieldset
F transform			comment
nothing	function		nodeinjections
odf	table		F addtags
			F attachfile
T codeinjection			
	- 		F cmykcolor
F attachment			F comment
F clonefield			F destination
F definefiel			F effect
F definefie			F graycolor
F defineview	verlayer		F injectbitmap
F embedfile			F insertmovie
F enabletage			F insertsound
F exportform			F insertswf
F finalizepa			F insertu3d
F finishrefe			F knockout
F getdefault	cfieldvalue		F negative
F getfieldca	ategory		F overprint
F getfields			F positive
F getformato	option		F reference
F getoutputi	filename		F rgbcolor
F getpreview	vfigure		F spotcolor
F insertrend	deringwindow		F startlayer
F mergerefer	rences		F stoplayer
F mergeviewe	erlayers		F switchlayer
F prerollre	ference		F transparency
F presetsymb	pol		F typesetfield
F presetsymb	pollist	T	registrations
F processrer	ndering		F cmykindexcolor
F registerd	ocumentcloseaction		F cmykspotcolor
F registerd	ocumentopenaction		F getspotcolorreference
F registered	dsymbol		F grayindexcolor
F registerpa	agecloseaction		F grayspotcolor
F registerpa	ageopenaction		F rgbindexcolor
F registersy	<i>y</i> mbol		F rgbspotcolor
F setfieldca	alculationset		F spotcolorname
F setfigure	alternative		F transparency
F setfigured	colorspace	Т	tables
F setfigurer	_		T vfspecials
F setformat			T black

Τŀ	plue		T paleb	lue
Τę	gray		T paleg	gray
Т 8	green		T paleg	reen
T 1	red		T paler	ed
T 1	rulecolors		T red	
7	Cblack	F	startsl	ant
7	blue	T	stopsla	int
7	gray	registra	tions	table
7	green	tables		table

bibtex (context)

F doifalreadyplaced

F filterall

authorref	function	F flush
authors	table	F nofregistered
F concat		F process
F inverted		F register
F invertedshort	;	F registerplaced
F normal		F reset
F normalshort		F resolve
F setsettings		<pre>load function</pre>
F short		new function
authoryearref	function	singularorplural function
${f authoryearsref}$	function	<pre>statistics table</pre>
convert	function	N nofbytes
hacks	table	N nofdefinitions
F add		N nofshortcuts

toxml function

blobs (context)

append	function	new	function
dimensions	function	pack	function
dispose	function	write	function

boolean (context)

tocontext function
tonumber function

buffers (context)

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

F define
F hassomecontent

F next
F place
F reset
F save

raw function

builders (context)

kernel table	F disable
F hyphenation	F enable
F kerning	F optimize
F ligaturing	F setup
F mlist_to_hlist	F split
paragraphs table	F tag
T constructors	vspacing table
N attribute	F analyze
F disable	D categories
F enable	F collapsevbox
F handler	T data
T methods	D map
F default	D skip
F oneline	D snapmethods
D names	F definesnapmethod
D numbers	B fixed
F register	F pagehandler
F set	F setmap
F keeptogether	F setskip
F registertogether	F snapbox
T solutions	F tocategories
T splitters	F tocategory
F define	F vboxhandler

caches (context)

ask	boolean	is_writable	function
base	string	loadcontent	function
collapsecontent	function	loaddata	$ \hbox{function} $
configfiles	function	more	string
contentstate	function	relocate	boolean
defaults	table	savecontent	function
define	function	savedata	$ \hbox{function} $
direct	boolean	setfirstwritablefile	function
force	boolean	setluanames	$ \hbox{function} $
getfirstreadablefile	function	tree	string
${ t getreadable} { t paths}$	function	treehash	$ \hbox{function} $
${ t getwritable path}$	function	usedpaths	function
hashed	function		

callback (basic tex)

find function
list function

register overloaded function

callbacks (context)

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

catcodes (context)

names data table
numbers data table
register function

characters (context)

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

chemicals (context)

component	function	moleculeparser	userdata
define	function	start	function
format	string	stop	function
inline	function	structures	number
instance	string	undefine	function
molecule	function		

commands (context)

Alphabetic	function	checkcharactersinfont	function
Character	function	checkcountersetup	function
Characters	function	checkedconversion	function
MPc	function	checkedpagefloat	function
MPd	function	checktwopassdata	function
MPh	function	chineseallnumerals	function
MP11	function	chinesecapnumerals	function
MPlr	function	chinesenumerals	function
MPls	function	cleanfontname	function
MPn	function	clonefield	function
MPp	function	collectfloat	function
MPpardata	function	collecthelp	function
MPplus	function	colorcomponents	function
MPpos	function	consultfloat	function
MPposset	function	copyfiletolog	function
MPr	function	copyposition	function
MPrest	function	countervalue	function
MPrs	function	${\tt counttwopassdata}$	function
MPul	function	currentcomponent	function
MPur	function	currentdate	function
MPw	function	currentenvironment	function
MPx	function	currentproduct	function
MPxy	function	currentproject	function
MPxywhd	function	currentregime	function
MPy	function	datasetvariable	function
Romannumerals	function	dayname	function
${\tt abjadnodotnumerals}$	function	defineattribute	function
${\tt abjadnumerals}$	function	definebibtexsession	function
addcounter	function	definebreakpoint	function
addff	function	definebreakpoints	function
addfs	function	definecharacterspacing	function
addlinklistelement	function	defineconversion	function
${\tt addtojavascriptpreamble}$	function	definecounter	function
addtolist	function	definedviewerlayer	function
allinputpaths	function	definefield	function
alphabetic	function	definefieldset	function
analysefloatmethod	function	definefilefallback	function
analyzelist	function	definefilesynonym	function
applytochars	function	definefont_one	function
applytowords	function	definefont_two	function
assignbuffer	function	definefontfeature	function
autofinishstructurelevels	function	defineintermediatecolor	function
autonextspace	function	definelinkedlist	function
autonextstructurelevel	function	definemarking	function
autosetups	function	definemultitonecolor	function
autostarttext	function	defineparallel	function
autostoptext	function	defineprocesscolor	function
bcolumn	function	definesectionlevels	function
boolcase	function	definespotcolor	function
character	function	definestructureblock	function
characters	function	definestructureset	function
			

definetransparency	function	doreshapeframedbox	function
definetwopasslist	function	dostarttextfile	function
defineviewerlayer	function	dostoptextfile	function
defrostrandomseed	function	ecolumn	function
digits	function	elapsedtime	function
disableregime	function	enablecolor	function
disablespellchecking	function	enablecolorintents	function
discardfromlist	function	enablefontcolorschemes	function
doanalyzeframedbox	function	enableregime	function
doif	function	enablespellchecking	function
doifblackelse	function	enabletransparency	function
doifcommonelse	function	enhancelinkedlist	function
doifcounter	function	enhancelist	function
doifdimenstringelse	function	erasebuffer	function
doifdrawingblackelse	function	exportformdata	function
doifelse	function	featureattribute	function
doifelsebuffer	function	featurelist	function
doifelsecounter	function	feedback	function
doifelsecurrentfonthasfeature		fetchallmarks	function
doifelseintwopassdata	function	fetchmultipar	function
doifelsemarking	function	fetchonemark	function
doifelsemultipar	function	fetchposboxes	function
doifelsemartipar	function	fetchtwomarks	function
doifelsepositionsused	function	filterreference	function
doifelserangeonpage	function	finalizebox	function
doifelsesavedfloat	function	findtwopassdata	function
doifelsespaces	function	firstcountervalue	function
doifelsevisualizer	function	firstinset	function
doiffieldcategoryelse	function	flushfloat	function
doiffieldelse	function	flushpostponedblocks	function
doiffieldsetelse	function	fontchar	function
doiffiledefinedelse	function	fontcollectionclone	function
doiffileexistelse	function	fontcollectiondefine	function
doiffirstcharelse	function	fontcollectionprepare	function
doifinputfileelse	function	fontcollectionregister	function
doifinsetelse	function	fontcollectionreport	function
doifleapyearelse	function	fontcollectionreset	function
doiflisthasentry	function	fontlookupgetkey	function
doiflisthasnumberelse	function	fontlookupgetkeyofindex	function
doiflisthaspageelse	function	fontlookupinitialize	function
doiflisthastitleelse	function	fontlookupnoffound	function
doiflocfileelse	function	forceendjob	function
doifnot	function	forcequitjob	function
doifnotcounter	function	format	function
doifolderversionelse	function	formatcolor	function
doifoverlappingelse	function	formatgray	function
doifparentfileelse	function	freezerandomseed	function
doifposition	function	getbuffer	function
doifpositionelse	function	getbufferctxlua	function
doifpositiononpage	function	getbuffermkvi	function
doifpositionsonsamepageelse	function	getbullelmkvl getdefaultfieldvalue	function
doifpositionsonthispageelse	function	getfieldcategory	function
doifurldefinedelse	function	getfirstcharacter	function
doprocesstypescriptfile	function	getfirsttwopassdata	function
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getfloatvariable	function	markregionbox mathrenderset	function
getinternalreference	function		function
getlasttwopassdata	function function	maxitemwidth	function
getmarking		minute	function
getprivateattribute	function	molecule	function
getprivatechar	function	month	function
getrandomcounta	function	monthmnem	function
getrandomcountb	function	monthname	function
getrandomseed	function	mpcolor	function
getreadfilename	function	mpoptions	function
gettexbuffer	function	namedstructureuservariable	function
gettwopassdata	function	namedstructurevariable	function
gettwopassdatalist	function	nbfs	function
geturl	function	nextcountervalue	function
grabbuffer	function	nextparallel	function
helpaction	function	nofdays	function
helpreference	function	nofitems	function
hexstringtonumber	function	${ t nofstackedfloats}$	function
hour	function	noteprefixednumber	function
hyphenatedlist	function	notetitle	function
hyphenatedurl	function	ntimes	function
D characters		number	function
N lefthyphenmin		octnumber	function
D mapping		octstringtonumber	function
N righthyphenmin		ordinal	function
F setcharacters		overloadbookmark	function
incrementedcounter	function	pagestaterealpage	function
insertattachment	function	parpos	function
insertcomment	function	pdfrotation	function
insertfield	function	percentageof	function
insertrenderingwindow	function	placeparallel	function
insertsoundclip	function	popfloat	function
isleapyear	function	popitaliccorrection	function
languagenumber	function	poplist	function
lastcountervalue	function	pos	function
lchexnumber	function	posplus	function
lchexnumbers	function	posstrut	function
leapyear	function	poswhd	function
listlabel	function	posxy	function
listlocation	function	prepareMPvariable	function
listprefixednumber	function	preparebibtexsession	function
listprefixedpage	function	preparedfile	function
listrealpage	function	presetsymbollist	function
listsize	function	presettabulate	function
listtitle	function	prevcountervalue	function
listuserdata	function	processbuffer	function
loadctxpreplist	function	processedfile	function
loadexamodes	function	processedfiles	function
loadfontgoodies	function	processfile	function
loadspellchecklist	function	processfilemany	function
loadtypescriptfile	function	processfilenone	function
loadvisualizer	function	processfileonce	function
locatefilepath	function	processlist	function
locfilename	function	pushfloat	function
	1 4110 0 1 011	L	1 4110 0 1 0 11

nughitali saammaati an	function	a a la at at mu at umah la ak	function
pushitaliccorrection	function function	selectstructureblock	function function
pushlist		setbreakpoints	
rawcharacter	function function	setcharactercasing	function
rawcountervalue	function	setcharactercleaning	function
rawdate		setcharacterkerning	function
referencepagestate	function	setcharacterspacing	function
referencerealpage	function	setcharacterstripping	function
registerattachment	function	setclosedocumentaction	function
registerbibtexentry	function	setclosepageaction	function
registerbibtexfile	function	setcolormodel	function
registerbookmark	function	setcounter	function
registerbuttons	function	setdataset	function
registercolor	function	setdigitsmanipulation	function
registercolorintent	function	setfontfeature	function
registeredviewerlayer	function	setfontofid	function
registerhelp	function	setformat	function
registeritemgroup	function	setformsmethod	function
${ t register maintext color}$	function	setinternalreference	function
registernamespace	function	setmarking	function
${ t register postponed block}$	function	setmathalphabet	function
registersoundclip	function	setmathalternate	function
registerstructureprocessor	function	setmathattribute	function
${ t register transparency}$	function	setmathitalics	function
registerunit	function	${ t setmathstyle}$	function
relatemarking	function	${ t set open document action}$	function
removemissingcharacters	function	${ t set open page action}$	function
${\tt replacemissingcharacters}$	function	setowncounter	function
${\tt replacepospxywhd}$	function	setpagestate	function
resavefloat	function	${\tt setpagestaterealpageno}$	function
resetcounter	function	${ t setpagetransition}$	function
resetfontfeature	function	setpos	function
resetmarking	function	setrandomseed	function
resetmathitalics	function	setrealign	function
resetnullfont	function	setreferencearguments	function
resetparallel	function	setreferenceoperation	function
resetstructureprocessor	function	setstructureblockstate	function
resettimer	function	settagcombination	function
restartcounter	function	settagdescription	function
restorecounter	function	settagdescriptionsymbol	function
restorecurrentattributes	function	settagfigure	function
romannumerals	function	settaghighlight	function
runbuffer	function	settagitemgroup	function
savebuffer	function	settagproperty	function
savecounter	function	settagsorting	function
savecurrentattributes	function	settagsynonym	function
savedlistnumber	function	settagtablecell	function
savedlistprefixednumber	function	settagtabulatecell	function
savedlisttitle	function	setupbookmarks	function
savefloat	function	setupcanvas	function
saveparallel	function	setupcharacterspacing	function
savestructureblock	function	setupexport	function
savetaggedtwopassdata	function	setupfontexpansion	function
savetwopassdata	function	setupfontprotrusion	function
second	function	setupidentity	function
	· 		

acturitaliacerrection	function	tunostring	function
setupitaliccorrection	function	typestring uchexnumber	function
setxmpfile showattributes	function	uchexnumber	function
showattributes	function	unicodechar	function
showcounter	function	unit	function
			
showfontparameters	function	updatefilenames	function
showhyphenatedinlist	function	useMPlibrary	function
splitfilename	function	useanyfile	function
spotcolorname	function	usecldfile	function
spotcolorparent	function	usecolors	function
spotcolorvalue	function	usecomponent	function
startcolorset	function	useenvironment	function
startcomponent	function	usefile	function
startenvironment	function	usejavascriptpreamble	function
startproduct	function	usejavascriptscripts	function
startproject	function	uselibrary	function
startregime	function	useluafile	function
startsectionlevel	function	usemodules	function
starttag	function	usepath	function
starttext	function	useproduct	function
startviewerlayer	function	useproject	function
stopcolorset	function	${\tt usesubpath}$	function
stopcomponent	function	usesymbols	function
stopenvironment	function	usetexfile	function
stopproduct	function	useurl	function
stopproject	function	usexmlfile	function
stopregime	function	usezipfile	function
stopsectionlevel	function	utfchar	function
stoptag	function	utfmathclass	function
stoptext	function	${\tt utfmathcommand}$	function
${ t stopviewerlayer}$	function	utfmathfiller	function
${ t storejavascriptcode}$	function	${\tt utfmathstretch}$	function
${ t storejavascript preamble}$	function	vspacing	function
${\tt structureautocatcodedget}$	function	vspacingcollapse	function
structurecatcodedget	function	vspacingdefine	function
structuregivencatcodedget	function	vspacingsetamount	function
structurenumber	function	vspacingsnap	function
structuretitle	function	weekday	function
structureuservariable	function	weekdayname	function
structurevariable	function	widthofstring	function
subcountervalues	function	writestatus	function
subff	function	x_table_cleanup	function
subfs	function	x_table_construct	function
synchronizecolormodel	function	x_table_create	function
synchronizemarking	function	x_table_flush	function
taggedmathfunction	function	x_table_init_construct	function
testcase	function	x_table_init_reflow_height	function
textime	function	x_table_init_reflow_width	function
transparencycomponents	function	x_table_next_row	function
triggereffect	function	x_table_reflow_height	function
triggernegative	function	x_table_reflow_width	function
truefilename	function	x_table_set_construct	function
typebuffer	function	x_table_set_reflow_height	function
typefile	function		
Jr	/		

x_table_set_reflow_width
year

function
function

containers (context)

${\tt cleanname}$	function	is_valid	${\tt function}$
content	function	read	${\tt function}$
define	function	usecache	boolean
is_usable	function	write	function

converters (context)

Alphabetic	function
Character	function
Characters	function
Romannumerals	function
${\tt abjad nodot numerals}$	function
abjadnumerals	function
alphabetic	function
character	function
characters	function
${\tt chineseall numerals}$	function
${\tt chinesecap numerals}$	function
chinesenumerals	function
chr	function
chrs	function
convert	function
define	function
hexstringtonumber	function
hour	function
isleapyear	function
lchexnumber	function
lchexnumbers	function

leapyear	function
maxchrs	function
minute	function
month	function
nofdays	function
number	function
octnumber	function
octstringtonumber	function
ordinal	function
rawcharacter	function
romannumerals	function
second	function
sequences	data table
textime	function
toabjad	function
tochinese	function
toroman	function
uchexnumber	function
uchexnumbers	function
weekday	function
year	function

coroutine (basic lua)

сосо	boolean	running	function
create	function	status	function
${\tt cstacksize}$	function	wrap	function
resume	function	yield	function

debug (basic lua)

debug	function	getupvalue	function
getfenv	function	setfenv	function
gethook	function	sethook	function
getinfo	function	setlocal	function
getlocal	function	setmetatable	function
getmetatable	function	setupvalue	function
getregistry	function	traceback	function

dir (context)

collectpattern	function
current	function
expandname	function
glob	function
globfiles	function
globpattern	function

ls	function
makedirs	function
mkdirs	function
pop	function
push	function

directives (context)

data	data table	name	string
disable	function	register	$ \hbox{function} $
enable	function	report	$ \hbox{function} $
list	function	show	$ \hbox{function} $

document (context)

argumentsdata tablefilestablegetargumentfunctiongetfilenamefunction

setargumentfunctionsetdefaultargumentfunctionsetfilenamefunction

environment (context)

argument	function	luafilechunk	function
arguments	data table	originalarguments	data table
engineflags	data table	outputfilename	string
files	table	ownbin	string
filesynonyms	data table	ownname	string
homedir	string	ownpath	string
initex	boolean	rawarguments	data table
initializearguments	function	${\tt reconstructcommandline}$	function
inputfilebarename	string	setargument	function
inputfilename	string	splitarguments	function
inputfilesuffix	string	texfile	function
jobfilename	string	texmfos	string
jobfilesuffix	string	texos	string
loadedluacode	function	texroot	string
loadluafile	function	truefilename	function
luafile	function		

epdf (extra tex)

Annot	function	Object	${\tt function}$
Annots	function	${\tt PDFRectangle}$	${\tt function}$
Array	function	open	${\tt function}$
Dict	function	type	${\tt function}$

experiments (context)

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

figures (context)

applyratio	function	hash	function
bases	table	identifiers	data table
B enabled		identify	function
F find		include	function
T found		includers	data table
T list		initialize	function
F locate		loaded	data table
F use		localpaths	data table
T used		mergegoodies	function
bitmapimage	function	nofprocessed	number
boxnumber	number	order	data table
cachepaths	data table	paths	data table
check	function	patterns	data table
checkers	data table	pop	function
converters	data table	${\tt preferquality}$	boolean
current	function	programs	data table
${\tt defaultdepth}$	number	push	function
defaultheight	number	${\tt registerpattern}$	function
${\tt defaultsearch}$	boolean	registerresource	function
defaultwidth	number	registersuffix	function
done	function	resources	data table
dummy	function	scale	function
existers	data table	setlookups	function
exists	function	setpaths	function
formats	data table	suffixes	data table
found	data table	tprint	function
get	function	used	data table

file (basic lua)

addsuffix	function	joinpath	function
basename	function	loadchecksum	function
checksum	function	nameonly	function
collapsepath	function	nametotable	function
сору	function	needs_updating	function
dirname	function	readdata	function
expandname	function	removesuffix	function
extname	function	replacesuffix	function
is_qualified_path	function	robustname	function
is_readable	function	savechecksum	function
$is_rootbased_path$	function	savedata	function
is_writable	function	splitname	function
isreadable	function	splitpath	function
iswritable	function	strip	function
join	function	suffix	function

floats (context)

analysemethod	function	nofstacked	function
${\tt checkedpagefloat}$	function	pop	function
collect	function	push	function
consult	function	resave	function
flush	function	save	function
getvariable	function	stacked	function

font (basic tex)

current	function	id	function
define	function	max	function
each	function	nextid	function
fonts	table	${\tt read_tfm}$	function
frozen	function	read_vf	function
getfont	function	setfont	function

fontloader (extra tex)

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

fonts (context)

analyzers	table	т	boundingbox
D initializer			depth
D methods			height
F setstate			width
B useunicodem	arks		arameters
checkers	table	_	ascender
F missing	04510		descender
cid	table		designsize
F getmap	00010		expansion
F loadfile		-	S auto
collections	table		S shrink
F clonevector			S step
F define			S stretch
T definitions		S	extendfactor
F prepare			factor
F process			hfactor
F registermai:	n		mathsize
F report			protrusion
F reset			S auto
T vectors		S	quad
constructors	table		scaledpoints
F aftercopying			scriptpercentage
F applymanipu			scriptscriptpercentage
F assignmathp			size
B autocleanup	ar ame vers		slantfactor
_	ngcharactora		
F beforecopyi: D cache	ugchar accers		slantperpoint
F calculatesc	ماه	1	spacing
F checkedfeat			S extra S shrink
F checkedfile			
			S stretch
F cleanuptable		т	S width
F collectproc	622012	1	synonyms S em
D designsizes D dontembed			
	motora		S ex
F enhancepara	merera		S extra_space
N Tactor F finalize			S extraspace S slant
F getfeaturea F hashfeature			S space
			S space_shrink
F hashinstance	e		S space_stretch
T hashmethods			S spaceshrink
F normal			S spacestretch
F virtual		c	S x_height
F initializef	earnt 62		units
T keys			vfactor
T character			xheight
S depth			roperties
S height			autoitalicamount
S italic			cidinfo
S width			embedding
T description	on	S	encodingbytes

S filename	definetypeface function
S finalized	<pre>encodings table</pre>
S fontname	T agl
S format	D cache
S fullname	F is_known
S hasitalics	D known
S hasmath	F load
S mathitalics	F make_unicode_vector
S mode	D math
S name	N version
S noglyphnames	expansions data table
S nostackmath	formats data table
S psname	goodies table
S textitalics	T colorschemes
S virtualized	F coloring
D loadedfonts	T data
S namemode	F enable
F newfeatures	T designsizes
N privateoffset	D data
F readanddefine	F filename
F registerfeature	F register
B resolvevirtualtoo	F getcompositions
F scale	T list
F scaled	F compositions
F setfactor	F designsizes
F setname	F expansions
N version	F featureset
current function	F files
Cullent lunction	1 11162
currentid function	F mathematics
currentid function	F mathematics
<pre>currentid function definers table</pre>	F mathematics F protrusions
<pre>currentid function definers table F addlookup</pre>	F mathematics F protrusions F solutions
<pre>currentid function definers table F addlookup F analyze</pre>	F mathematics F protrusions F solutions F typefaces
<pre>currentid function definers table F addlookup F analyze F applypostprocessors</pre>	F mathematics F protrusions F solutions F typefaces F load
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F getspecification</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed D cache
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed D cache D features
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addligatures B addtexligatures B autoprefixed D cache D features F load
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed D cache D features F load F setfeatures
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed D cache D features F load F setfeatures B syncspace
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit F resetnullfont</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addtexligatures B autoprefixed D cache D features F load F setfeatures B syncspace N version
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit F resetnullfont F resolve</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addligatures B addrexligatures B autoprefixed D cache D features F load F setfeatures B syncspace N version T otf
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit F resetnullfont F resolve T resolvers</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addligatures B autoprefixed D cache D features F load F setfeatures B syncspace N version T otf F addfeature
currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit F resetnullfont F resolve T resolvers F file	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addrexligatures B autoprefixed D cache D features F load F setfeatures B syncspace N version T otf F addfeature D cache
<pre>currentid function definers table F addlookup F analyze F applypostprocessors F checkedmode F checkedscript F current S defaultlookup F define F getspecification F loadfont F makespecification T methods F install D variants F read F register F registered F registersplit F resetnullfont F resolve T resolvers</pre>	F mathematics F protrusions F solutions F typefaces F load F prepare_features F register F registerpostprocessor F report handlers table T afm B addkerns B addligatures B addligatures B autoprefixed D cache D features F load F setfeatures B syncspace N version T otf F addfeature

F verbose	F getprivatenode
F collectlookups	F hasprivate
F dataset	F nametoslot
S defaultbasealternate	F setdigitwidth
S defaultnodealternate	iterators table
D enhancers	F characters
D features	F descriptions
F getalternate	F glyphs
T glists	loggers table
F load	T category_to_placeholder
F scriptandlanguage	S 11
F setcontextchain	S lm
F setdynamics	S lo
F setfeatures	S lt
T tables	S lu
D baselines	S mc
D features	S me
D languages	S mn
D scripts	S nd
N version	S nl
T pfb	S no
T tfm	S pc
D features	S pd
F setfeatures	S pe
T vf	S pf
T combinations	S pi
F combine	S po
T combiner	S ps
D commands	S sc
F find	S sk
D helpers	S sm
D math	S so
D predefined	F format
D whatever	F onetimemessage
hashes table	F register
D characters	F reportdefinedfonts
D csnames	F reportusedfeatures
D descriptions	mappings table
T dynamics	F addtounicode
D identifiers	F fromunicode16
D italics	F loadfile
D marks	F loadline
D parameters	F loadlumtable
T processes	F makenameparser
D properties	F reset
D quads	F tounicode16
D resources	F tounicode16sequence
T setdynamics	names table
D xheights	S basename
helpers table	B be_clever
F addprivate	D cache
F dimenfactor	F cleanfilename
F getdigitwidth	F cleanname
F getparameters	F collect

F	collectfiles	D	specificati	ons
F	collectspec	F	splitspec	
T	data	N	version	
В	enabled	F	writedata	
F	exists	prot	rusions	data table
T	filters	read	ers	table
	F afm	F	afm	
	F dfont	F	check_lua	
	T list	F	check_tfm	
	T names	F	dfont	
	F otf	F	lua	
	T paths	F	opentype	
	F pfb	F	otf	
	F ttc	F	pfb	
	F ttf	D	sequence	
S	fontconfigfile	F	tfm	
F	getfilename	F	ttc	
F	getlookupkey	F	ttf	
F	getlookups	spec	ifiers	table
F	getpaths	D	contextmerg	ed
F	identify	F	contextnumb	er
F	is_permitted	D	contextnumb	ers
F	list	D	contextsetu	ps
F	load	F	contexttost	ring
В	loaded	F	mergecontex	t
F	lookup	F	presetconte	xt
F	noflookups	F	registercon	text
S	osfontdirvariable	F	showcontext	
F	readdata	F	splitcontex	t
F	register	D	synonyms	
F	registered	D	variants	
F	resolve	symb	ols	table
F	resolvedspecification	F	uselibrary	
F	resolvespec	tabl	es	table
В	saved	trac	ers	table

 ${\tt F} \ {\tt specification}$

typefaces

data table

graphics (context)

backgrounds table

F calculatemultipar

F fetchmultipar

F pair

F path

F point

gzip (extra lua)

close function
lines function
open function

img (basic tex)

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

interactions (context)

D preambles

attachments table F setpreamble F insert F storecode F register F storepreamble fields table F usepreamblenow F clone F usescripts F define linkedlists table F defineset pages table F insert F setpagetransition general table F setupcanvas F getidentity references table F setupidentity F setclosedocument help table F setclosepage F collect F setopendocument F reference F setopenpage F register renderings table javascripts table F register F addtopreamble F rendering F code F var D codes soundclips table F insert F flushpreambles D functions F register

interfaces (context)

addvalidkeys	function	namespaces	table
cachedsetups	data table	F define	
cachesetup	function	F list	
complete	data table	setconstant	function
constants	data table	setelement	function
corenamespaces	data table	setformat	function
definecommand	function	setmessage	function
${\tt doifelsemessage}$	function	setmessages	function
elements	data table	settranslation	function
formats	data table	setuserinterface	function
getcheckedparameters	function	setvalidkeys	function
getmessage	function	setvariable	function
hashedsetups	data table	${ t showmessage}$	function
interfacedcommand	function	syntax	data table
interfaces	table	tolist	function
invalidkey	function	translations	data table
is_command	function	variables	data table

io (basic lua)

ask	function	out	table
bytes	function	F inhibit	UADIC
•			
characters	function	D modes	
checkopeners	function	F permit	
close	function	output	function
exists	function	pathseparator	string
fileseparator	string	popen	overloaded function
finalizeopeners	function	read	function
flush	function	readnumber	function
inp	table	readstring	function
F inhibit		registeropener	function
D modes		savedata	function
F permit		size	function
input	function	stderr	userdata
lines	function	stdin	userdata
loaddata	function	stdout	userdata
noflines	function	tmpfile	function
open	function	type	function
open_ro	function	write	function

job (context)

comment	function	nosit	tions	table
datasets	table	_	b_col	table
D collecte			b_cor b_region	n
F extend	, u		C C	1
F getdata			collecte	≥d
F setdata			column	Ju
D tobesave	ed.		сору	
disablesave			depth	
files	table		e_col	
D collecte			e_region	า
F context	· -		enhance	-
B forcerum			extra	
F run	-		get	
D tobesave	ed		getrese	rved
initialize	function		hangafte	
load	function		hanginde	
loadother	function		height	
objects	table		hsize	
D collecte		F	leftskij	0
F doifelse			lowerle	
F get		F	lowerrig	ght
F number			markreg	_
F page			n	
F save		F	onsamepa	age
F set			overlap	
D tobesave	ed		р	. 0
pack	boolean		page	
pagestates	table		paragra	oh
D collecte			parinde	
F extend			position	
F realpage			r	
F setstate		F	region	
D tobesave	ed		replace	
passes	table		rightsk	ip
F check			set	-
D collecte	ed	F	setall	
F count		F	setdim	
F define		D	tobesave	ed
F find		F	upperle	ft
F first			upperrig	
F get			width	
F getcolle	ected	F	х	
F getdata		F	ху	
F getfield	l		у	
F gettobes	saved	regis	ster	function
F inlist		save		function
F last		struc	cture	table
F list		D	collecte	ed
F save		Т	componer	nts
F savetage	ged		tobesave	
D tobesave			T branch	nes

S name
S type
variables table
D checksums

D collected F save

D tobesaved

version number

lang (basic tex)

clean	function	new	function
clear_hyphenation	function	patterns	function
clear_patterns	function	${\tt postexhyphenchar}$	function
exceptions	function	posthyphenchar	function
hyphenate	function	preexhyphenchar	function
hyphenation	function	prehyphenchar	function
id	function		

languages (context)

associate function associated data table association function counters data table current function data data table define function exceptions function getnumber function hyphenate function installed function labels table F define

F split

lefthyphenmin function loadable function loadwords function table logger

F report

numbers data table posthyphenchar function prehyphenchar function registered data table righthyphenmin function setdirty function function synonym version number words table

F check T data F disable F enable T enablers B enables F found F load T methods N threshold

layouts (context)

status table

F isleftpage

 ${\tt F\ leftorright page} ction$

lfs (extra lua)

attributes	function	mkdir	function
chdir	function	${\tt readlink}$	function
currentdir	function	rmdir	function
dir	function	setmode	function
isdir	overloaded function	shortname	function
isfile	function	${ t symlinkattributes}$	function
lock	function	touch	function
lock_dir	function	unlock	function

libraries (context)

basiclua data table
basictex data table
builtin data table

extralua data table
extratex data table
globals data table

lmx (context)

convert	function
escape	function
get	function
htmfile	function
include	function
lmxfile	function
loadedfile	function
make	function
new	function
overloaderror	function
popupfile	function
print	function

pv	function	
reset	function	
result	function	
set	function	
show	function	
${\tt showdebuginfo}$	function	
showerror	function	
tv	function	
type	function	
urlescape	function	
variable	function	
variables	${\tt data\ table}$	

logs (context)

application	function
categories	function
direct	function
disable	function
enable	function
extendbanner	function
flush	function
help	function
messenger	function
new	function
newline	function
poptarget	function
pushtarget	function
report	function
report_job_stat	function
reportbanner	function
reporter	function
reportline	function
reportlines	function
setformats	function

setmessenger	${\tt function}$
${\tt setprogram}$	${\tt function}$
settarget	${\tt function}$
settranslations	${\tt function}$
show	${\tt function}$
show_close	${\tt function}$
show_load	${\tt function}$
show_open	${\tt function}$
simple	${\tt function}$
simpleline	${\tt function}$
simplelines	${\tt function}$
${\tt start_page_number}$	${\tt function}$
status	${\tt function}$
stop_page_number	${\tt function}$
subdirect	${\tt function}$
subreport	${\tt function}$
system	${\tt function}$
texerrormessage	${\tt function}$
writer	${\tt function}$

lpdf (context)

action	function	graycode	function
adddocumentcolorspace	function	id	function
adddocumentextgstate	function	injectxmpinfo	function
adddocumentpattern	function	insertxmpinfo	function
adddocumentshade	function	javascript	function
addtocatalog	function	launch	function
addtoinfo	function	layerreference	function
addtonames	function	limited	function
addtopageattributes	function	linearshade	function
addtopageresources	function	link	function
addtopagesattributes	function	null	function
addxmpinfo	function	number	function
array	function	pagedestination	function
boolean	function	pagereference	function
checkedkey	function	pdfcolor	function
checkedvalue	function	pdftimestamp	function
circularshade	function	protectresources	boolean
cmykcode	function	reference	function
collectedresources	function	registerannotation	function
color	function	registerdocumentfinalizer	function
colorspace	function	${\tt registerpagefinalizer}$	function
colorspaceconstants	table	reserveannotation	function
T all		reserveobject	function
T cmyk		rgbcode	function
T gray		rotationcm	function
T rgb		shareobject	function
colorspec	function	${ t share object reference}$	function
colorvalue	function	spotcode	function
colorvalues	function	stream	function
constant	function	string	function
delayedobject	function	timestamp	function
${ t dictionary}$	function	toeight	function
epdf	table	tosixteen	function
F load		transparency	function
finalizedocument	function	transparencycode	function
finalizepage	function	transparencygroups	table
${ t finishtransparencycode}$	function	B none	
flushobject	function	transparencyvalue	function
flushstreamfileobject	function	unicode	function
flushstreamobject	function	verbose	function
formats	data table		

lpeg (basic lua)

C	function	${\tt endstripper}$	function
Carg	function	firstofsplit	function
СЪ	function	${ t frontstripper}$	function
Cc	function	is_lpeg	function
Cf	function	keeper	function
Cg	function	locale	function
Cmt	function	match	function
Ср	function	oneof	function
Cs	function	patterns	data table
Ct	function	print	function
P	function	replacer	function
R	function	${\tt secondofsplit}$	function
S	function	span	function
UP	function	split	function
UR	function	${ t split}$	function
US	function	splitter	function
V	function	stripper	function
${ t anywhere}$	function	tsplitat	function
append	function	tsplitter	function
balancer	function	type	function
${\tt checkedsplit}$	function	${\tt utfchartabletopattern}$	function
count	function	version	function
counter	function		

ltn12 (extra lua)

BLOCKSIZE	number	F	simplify
filter	table	F	table
F chain	L	sourc	e table
F cycle	:	F	cat
pump	table	F	chain
F all		F	empty
F step		F	error
sink	table	F	file
F chain	ı	F	rewind
F error	•	F	simplify
F file		F	string
F null			

lua (basic tex)

bytecode	table
bytedata	data table
bytedone	table
collectgarbage	function
delay	function
finalize	function
firstbytecode	number
flush	function
flushdelayed	function
getbytecode	function
getluaname	function
lastbytecode	number

messages	data table
name	table
numbers	data table
registercode	function
registeredcodes	function
${\tt register finalizer}$	function
registername	function
setbytecode	function
setluaname	function
startupfile	string
version	string

luatex (context)

cleanuptempfiles function
registerstartactions function
registerstopactions function
registertempfile function

showjobstat showtexstat starttime

function function number

lxml (context)

addindex	function	last	function
all	function	load	function
applyfunction	function	loadbuffer	function
att	function	loaddata	function
attribute	function	loaded	table
${\tt chainattribute}$	function	loadregistered	function
checkindex	function	main	function
collected	function	match	function
command	function	name	function
concat	function	namespace	function
concatrange	function	nonspace	function
content	function	pos	function
context	function	position	function
convert	function	raw	function
count	function	rawroot	function
delete	function	register	function
direct	function	registerentity	function
directives	table	removesetup	function
F after		resetcdata	function
F before		resetsetups	function
F handle		resolvedentity	function
F load		root	function
F setup		serialize	function
displayverbatim	function	setaction	function
doif	function	setcdata	function
doifelse	function	setcommandtonone	
doifelsetext	function	setcommandtotext	
doifnot	function	setsetup	function
doifnottext	function	snippet	function
doiftext	function	sorters	table
element	function	F add	
elements	function	F compare	
entities	data table	F flush	
filter	function	F reset	
filterlist first	function function	F show	
flush	function	F sort	function
flushlinewise	function	splitid startraw	function function
	function		function
flushsetups	function	stopraw store	function
flushspacewise	function		function
get_id getid	function	strip stripped	function
getindex	function	- -	function
id	function	tag text	function
	userdata	tofile	function
idsplitter include	function	toparameters	function
index	function	toverbatim	function
info	function	verbatim	function
inlineverbatim	function	withindex	function
installsetup	function	xmltexhandler	data table
Inpourtecoup	1 4110 0 1 0 11	VIII OOVIICIIGI GI	adda dabie

math (basic lua)

abs	function
acos	function
asin	function
atan	function
atan2	function
ceil	function
cos	function
cosd	function
cosh	function
deg	function
div	function
even	function
exp	function
floor	function
fmod	function
frexp	function
huge	number
ldexp	function
log	function
log10	function

max	${\tt function}$
min	function
mod	${\tt function}$
modf	function
odd	${\tt function}$
pi	number
pow	${\tt function}$
rad	${\tt function}$
random	${\tt function}$
randomseed	${\tt function}$
round	${\tt function}$
${\tt setrandomseedi}$	${\tt function}$
sin	${\tt function}$
sind	${\tt function}$
sinh	${\tt function}$
sqrt	${\tt function}$
tan	${\tt function}$
tand	${\tt function}$
tanh	${\tt function}$

mathematics (context)

addfallbacks	function	remapalphabets	function
alphabets	data table	renderings	table
big	function	D mappings	
boldmap	table	D numbers	
categories	table	D sets	
D functions		renderset	function
${\tt checkaccentbaseheight}$	function	resetitalics	function
${\tt checkprivate parameters}$	function	scaleparameters	function
classes	data table	setalternate	function
codes	data table	setitalics	function
define	function	syncboth	function
dimensions	function	syncname	function
extrabase	number	syncstyle	function
extras	table	toname	function
F add		tostyle	function
F copy		${\tt tweakaftercopyingfont}$	function
families	data table	${\tt tweakbefore copying font}$	function
gaps	table	tweaks	table
getboth	function	F fixbadprime	
getstyle	function	utfmathclass	function
${\tt initialize}$ parameters	function	utfmathcommand	function
makefont	function	utfmathfiller	function
overloadparameters	function	${\tt utfmathstretch}$	function
privatebase	number		

md5 (extra lua)

HEX	function	exor	function
crypt	function	hex	${\tt function}$
dec	function	sum	function
decrypt	function	sumhexa	function

metapost (context)

analyzeplugins	function	makempy	table
checkformat	function	N nofconverted	
checktexts	function	F processgraphics	
colorinitializer	function	metafun	table
convert	function	F interpolate	
defaultformat	string	F topath	
directrun	function	method	number
edefsxsy	function	mptopdf	table
escaped	function	F convertmpstopdf	
exectime	table	N nofconverted	
filterclippath	function	multipass	boolean
finder	function	n	number
flush	function	optimize	boolean
flushers	table	parse	${\tt function}$
T pdf		pdfliterals	${\tt function}$
F comment		pluginactions	${\tt function}$
F flushfigure		process	${\tt function}$
F startfigure		processplugins	${\tt function}$
F stopfigure		reducetogray	boolean
F textfigure		reporterror	${\tt function}$
flushliteral	function	reset	function
flushnormalpath	function	resetlastlog	function
flushreset	function	resetplugins	${\tt function}$
format	function	resettextexts	function
formatnumber	function	setoutercolor	function
getclippath	function	settext	function
gettext	function	showlog	boolean
graphic	function	tex	table
<pre>graphic_base_pass</pre>	function	F get	
${\tt graphic_extra_pass}$	function	F reset	
intermediate	table	F set	
T actions		texerrors	boolean
F makempy		textextsdata	${\tt function}$
B needed		theclippath	${\tt function}$
lastlog	string	totable	function
load	function	unload	function

mime (extra lua)

b64	function	qр	function	
decode	function	qpwrp	function	
decodet	table	stuff	function	
F base	64	unb64	function	
F quot	ed-printable	unqp	function	
dot	function	wrap	function	
encode	function	wrapt	table	
encodet	table	F bas	se64	
F base	64	F det	F default	
F quot	ed-printable	F quo	quoted-printable	
eol	function	F tex	ĸt	
normalize	function	wrp	function	

mplib (extra tex)

fields function
new function

pen_info function
version function

noads (context)

handlers table

F check

F collapse

F families

F italics

F relocate

1 1010000

F render

F resize

F respace

F tags

F unscript

 ${\tt F}$ variants

process function
processors table

 ${\tt T} \ {\tt collapse}$

F mlist_to_hlist

T relocate

T render

T resize

T respace

 ${\tt T} \ {\tt unscript}$

node (basic tex)

сору	function	ligaturing	function
copy_list	function	mlist_to_hlist	function
count	function	new	${\tt function}$
current_attr	function	next	${\tt function}$
dimensions	function	prev	${\tt function}$
do_ligature_n	function	protect_glyphs	$ \hbox{function} $
family_font	function	<pre>protrusion_skippable</pre>	${\tt function}$
fields	function	remove	${\tt function}$
first_character	function	set_attribute	function
first_glyph	function	slide	function
flush_list	function	subtype	function
free	function	tail	function
has_attribute	function	traverse	function
has_field	function	traverse_id	function
hpack	function	type	function
id	function	types	function
insert_after	function	${\tt unprotect_glyphs}$	function
<pre>insert_before</pre>	function	unset_attribute	function
is_node	function	usedlist	function
kerning	function	vpack	function
last_node	function	whatsits	function
length	function	write	function

nodes (context)

- f+	£	P	
after	function	F setmark	
aligned	function	F setpair	£ a+ : a
astable	function	installattributehandler	
before	function	is_display_math	function
builders	table	is_mirrored	data table
F buildpage_filter		is_rotated	data table
F vpack_filter		kerncodes	data table
codes	data table	leftmarginwidth	function
concat	function	lines	table
count	function	T boxed	
delete	function	F register	
destinations	table	F setup	
N attribute		F stage_one	
T done		F stage_two	
F handler		F stage_zero	
T stack		D data	
dimensionfields	data table	F finalize	
dir_is_pop	data table	F number	
${ t dir_negation}$	data table	N scratchbox	
${ t fasthpack}$	function	link	function
fields	function	list	function
fillcodes	data table	listablefields	data table
firstcharacter	function	listcodes	data table
firstcharinbox	function	listtoutf	function
${ t firstglyph}$	function	load	function
getattribute	function	locate	function
gluecodes	data table	mathcodes	data table
glyphcodes	data table	noadcodes	data table
${ t glyphdir_is_equal}$	data table	nodecodes	data table
${ t glyphdir_is_opposite}$	data table	packlist	function
${\tt glyphdir_is_orthogonal}$	data table	pardir_is_equal	data table
handlers	table	pardir_is_opposite	data table
F accessibility		pardir_is_parallel	data table
F backgrounds		<pre>partextdir_is_equal</pre>	data table
F characters		penaltycodes	data table
F checkforleaks		pool	table
F checkglyphs		F baselineskip	
F cleanuppage		F cleanup	
F export		F disc	
F finalize		F fontkern	
F migrate		F glue	
F protectglyphs		F gluespec	
F stripping		F glyph	
F unprotectglyphs		F kern	
has_attribute	function	F latelua	
idstostring	function	F leftmarginkern	
ignorablefields	data table	F leftskip	
injections	table	F lineskip	
F handler		F noad	
F setcursive		F pdfannotation	
F setkern		F pdfdestination	
		•	

F pdfdirect		setunsetattributes	function
- F pdfliteral		shifts	table
F pdfrestore		D data	
F pdfsave		F define	
F pdfsetmatrix		F enable	
F penalty		F handler	
F register		show	function
F rightmarginkern		showboxes	function
F rightskip		showcodes	function
F rule		showlist	function
F shrink		showsimplelist	function
F special		skipcodes	data table
F stretch		somepenalty	function
F temp		somespace	function
F textdir		stripping	table
F usage		T glyphs	
T userids		F set	
N margins.inline		striprange	function
N splitters.one		tasks	table
N splitters.two		F actions	
F userlist		F appendaction	
F usernumber		F disableaction	
F userstring		F disablegroup	
F usertokens		F enableaction	
F zeroglue		F enablegroup	
print	function	F freeze	
processors	table	F freezegroup	
B enabled		F new	
F hpack_filter		F prependaction	
F post_linebreak_filter		F removeaction	
F pre_linebreak_filter		F restart	
F tracer		F showactions	
processwords	function	F table	
reference	function	textdir_is_equal	data table
references	table	textdir_is_is	data table
N attribute		textdir_is_opposite	data table
T done		textdir_is_parallel	data table
F handler		tonodes	function
T stack		tosequence	function
remove	function	totable	function
repackhlist	function	toutf	function
replace	function	tracers	table
report	function	T characters	
${ t rightmarginwidth}$	function	F collect	
rules	table	F equal	
D data		F indices	
F define		F start	
F enable		F string	
F handler		F unicodes	
save	function	T colors	
serialize	function	F reset	
serializebox	function	F set	
setattribute	function	F fontchar	
setattributes	function	F start	

T steppers	F start
F check	F stop
F codes	F stop
F features	unsetattribute
F glyphs	unsetattributes
F message	visualizebox
F messages	whatcodes
F nofsteps	whatsitcodes
F register	writable_spec

F reset

function function function data table data table function

number (context)

	function	
basepoints	function	
bit	function	
bits	function	
clearbit	function	
dimenfactors	data table	
hasbit	function	
maxdimen	number	
nopts	function	
percent	function	
points	function	
pts	function	
setbit	function	
tobasepoints	function	
tobitstring	function	
tocentimeters	function	

tociceros	function
todidots	function
todimen	function
toevenhex	function
toinches	function
tomillimeters	function
tonewciceros	function
tonewdidots	function
tonumberf	function
tonumberg	function
topicas	function
topoints	function
toscaled	function
${\tt toscaledpoints}$	function
toset	function

os (basic lua)

getenv	function	rename	function
setenv	function	resolvers	table
binsuffix	string	resultof	function
clock	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
getenv	overloaded function	times	function
gettimeofday		timezone	function
launch	function	tmpdir	function
libsuffix	string	tmpname	function
name	string	type	string
platform	string	uname	function
remove	function	uuid	function
T GIII O A G	TuilCului	uuiu	1 411 6 1 0 11

package (basic lua)

appendtolibpath	function
clibpaths	function
config	string
cpath	string
libpaths	function
loaded	table

loaders
loadlib function
path string
preload table
prependtolibpath function
seeall function

pdf (basic tex)

immediateobj	function	pageresources	string
mapfile	function	pagesattributes	string
mapline	function	pdfmapfile	function
maxobjnum	function	pdfmapline	function
obj	function	print	function
objtype	function	refobj	function
pageattributes	string	registerannot	function
pageref	function	reserveobj	function

physics (context)

units table	S Hz
T tables	S W
T shortcuts	S b
T operators	S g
S *	S h
S.	S hz
S /	S 1
S:	S lx
T prefixes	S m
S E	S n
S G	S s
S M	S t
S P	S v
S T	s °c
SY	S
S Z	T units
S a	T operators
S c	S OutOf
S d	S Per
S da	S Solidus
S f	S Times
S h	T packaged
S k	S Micron
S m	S mmHg
S n	T prefixes
S p	S Atto
S u	S Centi
S y	S Deca
S z	S Deci
T suffixes	S Exa
S +1	S Exbi
S +2	S Femto
S +3	S Gibi
S -1	S Giga
S -2	S Hecto S Kibi
S -3 S 1	S Kilo
S 2	S Mebi
S 3	S Mega
S ^+1	S Micro
S ^+2	S Milli
S ^+3	S Nano
S ^-1	S Pebi
S ^-2	S Peta
S ^-3	S Pico
S ^1	S Root
S ^2	S Tebi
S ^3	S Tera
T units	S Yobi
S A	S Yocto
S B	S Yotta

	G F 1 1
S Zebi	S Fahrenheit
S Zepto	S Farad
S Zetta	S Foot
T suffixes	S Gal
S Cubic	S Gauss
S ICubic	S Gon
S ILinear	S Grad
S ISquare	S Gram
S Inverse	S Gray
S Linear	S Hectare
S Square	S Henry
T symbols	S Hertz
s %	S Hg
S ArcMinute	S Hour
S ArcSecond	S Inch
S Degree	S Joule
S Degrees	S Katal
S Percent	S Kelvin
S Permille	S Knot
S Promille	S Liter
s °	S Litre
S	S Lumen
S	S Lux
T units	S Maxwell
S AMU	S Meter
S Ampere	S Metre
S Angstrom	S Metric Ton
S Astronomical Unit	S Minute
S Atm	S Mol
S Atmosphere	S Mole
S Atomic Mass Unit	S Nautical Mile
S Bar	S Neper
S Barn	S Newton
	D NCWOOII
S Raild	S Nersted
S Baud	S Oersted
S Bel	S Ohm
S Bel S Bequerel	S Ohm S Pascal
S Bel S Bequerel S Bit	S Ohm S Pascal S Phot
S Bel S Bequerel S Bit S Byte	S Ohm S Pascal S Phot S Poise
S Bel S Bequerel S Bit S Byte S Cal	S Ohm S Pascal S Phot S Poise S Radian
S Bel S Bequerel S Bit S Byte S Cal	S Ohm S Pascal S Phot S Poise S Radian S Rev
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degree Fahrenheit	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degrees Celsius	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla
S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degrees Fahrenheit S Degrees Fahrenheit	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla S Tonne
S Bel S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degrees Fahrenheit S Degrees Fahrenheit S Dyne	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla S Tonne S Volt
S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degree Fahrenheit S Degrees Fahrenheit S Dyne S Electron Volt	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla S Tonne S Volt S Watt
S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degrees Fahrenheit S Degrees Fahrenheit S Dyne S Electron Volt S Erg	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla S Tonne S Volt S Watt S Weber
S Bequerel S Bit S Byte S Cal S Calorie S Candela S Celsius S Coulomb S Dalton S Day S Degree Celsius S Degree Fahrenheit S Degrees Fahrenheit S Dyne S Electron Volt	S Ohm S Pascal S Phot S Poise S Radian S Rev S Revolution S Second S Siemens S Sievert S Steradian S Stilb S Stokes S Tesla S Tonne S Volt S Watt

profiler (extra lua)

pause function
resume function

start function
stop function

regimes (context)

disable	function
enable	function
pop	function
process	function
1	

push function
toregime function
translate function

resolvers (context)

	C		.
allprefixes	function	getownpath	function
appendhash	function	getreadfilename	function
automount	function	hashers	data table
automounted	table	homedir	string
booleanvariable	function	installinputfilehandler	function
cacheversion	string	installinputlinehandler	function
checkedvariable	function	instance	table
cleanpath	function	D data	
cleanpathlist	function	B diskcache	
concatinators	data table	D environment	
configbanner criticalvars	string	D expansions	
	data table	D fakepaths	
dangerous	data table	D files	
datastate defaultsuffixes	function table	B force_suffixes	
		D found	
dowithfilesandreport dowithfilesintree	function function	D foundintrees	
		D hashed	
dowithpath dowithvariable	function function	D hashes	
	function	D lists	
env	table	B loaderror	
executers	table	D order	
F check		B remember	
F execute		B renewcache	
F finalize		B renewtree	
Fregister	function	B savelists	
expandbraces expandedpathfromlist	function	D setups	
expandedpathlist expandedpathlist	function	D specification D variables	
expandedpathlist expandedpathlistfromvariable		jobs	table
expandedpath115t110mva11able expandpath	function		table
expandpath expandpathfromvariable	function	F currentcomponent F currentenvironment	
expansion	function	F currentproduct	
extendtexmfvariable	function	F currentproject	
find_file	function	F justacomponent	
find_files	function	D processors	
findbinfile	function	F productcomponent	
findctxfile	function	F usefile	
finders	data table	joinpath	function
findfile	function	load	function
findfiles	function	loadbinfile	function
findgivenfile	function	loaders	data table
findgivenfiles	function	loadlualib	function
findpath	function	loadtexfile	function
findtexfile	function	loadtime	function
findwildcardfile	function	locateformat	function
findwildcardfiles	function	locators	data table
formatofsuffix	function	luacnfname	string
formatofvariable	function	luacnfspec	string
formats	data table	luacnfstate	string
generators	data table	macros	table
getenv	function	F convertfile	
-			

F decodecomment		schemes	table
F enablecomment		T cleaners	
F encodecomment		F md5	
F preprocessed		F none	
F processmkvi		F strip	
F version		F cleanname	
maxreadlevel	number	F install	
methodhandler	function	N threshold	
newinstance	function	setenv	function
openbinfile	function	setinstance	function
openers	data table	settrace	function
openfile	function	showpath	function
opentexfile	function	simplescanfiles	function
ownpath	string	splitconfigurationpath	function
prefixes	data table	splitexpansions	function
prependhash	function	splitmethod	function
registerextrapath	function	splitpath	function
registerfile	function	suffixes	data table
registerfilehash	function	suffixmap	data table
registerintrees	function	suffixofformat	function
registermethod	function	texdatablob	function
registerzipfile	function	unexpandedpath	function
relations	data table	${\tt unexpandedpathlist}$	function
renew	function	unresolve	function
repath	function	updaterelations	function
reset	function	updatescript	function
${\tt resetextrapath}$	function	usezipfile	function
resetresolve	function	validatedpath	function
resolve	function	variable	function
savers	data table	variableofformat	function
scandata	function	${\tt variable of formator suffix}$	function
scanfiles	function	${ t wildcardpattern}$	function

scripts (context)

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_quarter_stretch_factor
N inter_char_shrink_factor

N inter_char_stretch_factor

handlers data table hash table installdataset function installmethod function numbertocategory data table numbertodataset data table preprocess function reset function set function

set (context)

contains function
create function
tolist function

tonumber function
totable function

socket (extra lua)

BLOCKSIZE	number	F keep-open		
_DEBUG	boolean	skip	function	
bind	function	sleep	function	
choose	function	smtp	table	
connect	function	S DOMAI	:N	
dns	table	N PORT		
F getho	stname	S SERVE	lR.	
F tohos	tname	N TIMEO	JUT	
F toip		S ZONE		
ftp	table	F messa	ıge	
S PASSW	ORD	F open		
N PORT		F send		
N TIMEO	JT	source	function	
S USER		sourcet	table	
F comma	nd	F by-le	ngth	
F get		F defau	F default	
F open		F http-	chunked	
F put		F until	-closed	
gettime	function	tcp	function	
http	table	tp	table	
N PORT		N TIMEO	JUT	
N TIMEO	JT	F conne	ct	
S USERA	GENT	try	function	
F open		udp	function	
F reque	st	url	table	
newtry	function	F absol	.ute	
protect	function	F build	l	
select	function	F build	l_path	
sink	function	F escap	F escape	
sinkt	table	F parse	;	
F close	-when-done	F parse	_path	
F default F unesca		ape		
F http-	chunked			

sorters (context)

comparers table F basic

constants table

S defaultdigits

S defaultlanguage

S defaultmethod

 ${\tt N}$ digitsmaximum

N digitsoffset

N ignoredoffset

 ${\tt N}$ replacementoffset

definitions data table firstofsplit function setlanguage function sort function splitters table

F utf

strip function tracers data table function update

statistics (context)

checkfmtstatus	function
elapsedindeed	${\tt function}$
elapsedseconds	${\tt function}$
elapsedtime	${\tt function}$
enable	boolean
formatruntime	${\tt function}$
${ t hastiming}$	${\tt function}$
memused	${\tt function}$
register	${\tt function}$
reportstorage	function

resettiming	function
runtime	function
savefmtstatus	function
show	function
showjobstat	function
starttiming	function
stoptiming	function
threshold	number
timed	function

status (basic tex)

list function

storage (context)

allocate function
data table
evaluators table
mark function
marked function
max number

min number
nofmodules number
noftables number
register function
shared data table

streams (context)

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

string (basic lua)

byte	function
bytepairs	function
bytes	function
char	function
characterpairs	function
characters	function
checkedsplit	${\tt function}$
count	function
dump	$ \hbox{function} $
escapedpattern	${\tt function}$
explode	$ \hbox{function} $
find	$ \hbox{function} $
format	$ \hbox{function} $
gfind	$ \hbox{function} $
${\tt gmatch}$	$ \hbox{function} $
gsub	$ \hbox{function} $
is_boolean	${\tt function}$
is_empty	${\tt function}$
len	function
limit	${\tt function}$
lower	function

match	function
quote	function
quoted	function
rep	function
reverse	function
split	function
splitlines	function
splitup	function
strip	function
sub	function
toboolean	function
tocontext	function
todimen	function
topattern	function
toutf	function
unquote	function
unquoted	function
upper	function
utfcharacters	function
utfsplitlines	function
utfvalues	function

structures (context)

atlocation blocks D collected F define F print F save F select F setstate D states D tobesaved	function table	currentsectionnumber descriptions documents T data S block T blocks T checkers N depth T forced T numbers	function table table
F finalize F flatten S method	table	T ownnumbers T status F initialize F preset F reset	
F overload F place F register F setup counters	table	floats formulas F current	table table
F add F analyze F check	table	F simplify F store helpers F analyze	table
D collected F compact F converted F currentvalue D data F define F first F get F last		F formulanumber F merged F page F prefix F prefixlastpage F prefixpage F simplify F title F touserdata	
F next F prev F previous F raw		<pre>itemgroups F maxwidth F nofitems F register</pre>	table
F record F reset F restart F restore F save F set F setlevel F setoffset F setown		F addto F analyze D cached D collected F discard F enhance T enhancers F filter	table
F setstate F setvalue T specials F userpage F subs D tobesaved F value		F filtercollected F formulanumber F hasnumberdata F haspagedata F hastitledata D internals F iscached	

17	label	F listindex
	location	F ordered
	number	F postpone
	ordered	F resetpostponed
	page	F restore
	popnesting	F save
	prefix	F setstate
	prefixednumber	F setsymbolpage
	prefixedpage	D states
	process	F store
	pushed	pages table
	pushnesting	F analyze
	realpage	D collected
	result	F is_odd
F	sectionnumber	F number
F	size	F save
F	title	D tobesaved
_	tobesaved	references table
F	userdata	F analyze
F	uservalue	F checkedfile
marks	s table	F checkedfileorurl
D	data	F checkedprogram
F	define	F checkedrealpage
F	exists	F checkedurl
F	fetch	D collected
F	fetchallmarks	U componentsplitter
F	fetched	F currentmetadata
F	fetchonemark	F currentorder
F	fetchtwomarks	D currentset
F	get	F define
F	number	D defined
F	relate	D derived
F	reset	F doifelse
F	set	F enableinteraction
F	show	F enhance
F	synchronize	D executers
F	title	F expandcurrent
T	tracers	F export
	F showtable	T files
notes	table	T data
F	checkpagechange	F define
F	define	F get
F	deltapage	F filter
F	doifcontent	D filters
F	doifonsamepageasprevious	F from
F	flush	F get
F	flushpostponed	F getcurrentmetadata
	get	F getcurrentprefixspec
	getn	F getinnermethod
	getnumberpage	F getinternalreference
	getstate	D handlers
	getsymbolpage	F identify
	internal	F import
	internalid	F inject
-		J

F injectcurrentset	T urls
D internals	T data
F load	F define
F loadpresets	F get
F mark	F whatfrom
D pages	registers table
U prefixsplitter	F analyze
T productdata	F analyzed
T componentreferences	D collected
T components	F compare
T productreferences	F define
T programs	F enhance
T data	F extend
F define	F filter
F get	F filtercollected
F realpageofpage	F finalize
U referencesplitter	F flush
D referred	F prepare
F referredpage	F process
F registerfinalizer	F sort
F registerinitializer	F store
F registerpage	D tobesaved
F reportproblems	F unique
Freset	F userdata
T resolvers	sections table
F reference	F autodepth
F section	F cct
D runners	T collected
F set	F current
F setandgetattribute	F currentblock
F setcomponent	F currentid
F setinnermethod	F currentlevel
F setinternalreference	F depthnumber
F setnextinternal	F finddata
F setnextorder	F findnumber
D specials	F fullnumber
F splitcomponent	F getcurrentlevel
F splitprefix	F getlevel
F splitreference	F getnumber
T testrunners	F internalreference
F inner	D levelmap
F special	D levels
F special operation	F load
F special operation with arguments	F matchingtilldepth
T testspecials	F numberatdepth
F deltapage	F numbers
Fi	F popblock
F internal	F prefixedconverted
F page	F pushblock
F realpage	F register
F section	D registered
F userpage	F reportstructure
D tobereferred	F save
D tobesaved	F set

F setblock F registerused F setchecker F sort F setlevel F synonym F setnumber D tobesaved F somelevel tags table F structuredata T data F title F detailedtag D tobesaved F getid F typesetnumber F handler F userdata D labels F last B verbose F lastinchain F way table T metadata sets F define D properties F get F registerdata F getall F registermetadata F restart D setlist table specials F setattributehash D collected F setcombination F retrieve F setdescription F store F setdescriptionsymbol D tobesaved F setfigure table synonyms F sethighlight F setitemgroup F analyzed D collected F setproperty F compare F setsorting F define F setsynonym F filter F settablecell F finalize F settabulatecell F start F flush F stop F meaning F prepare D taglist

F process F register T userdata

table (basic lua)

append	function	print	function
are_equal	function	remove	function
compact	function	reversed	function
concat	function	sequenced	function
contains	function	serialize	function
сору	function	${ t setmetatablecall}$	function
count	function	${\tt setmetatableindex}$	function
derive	function	${ t setmetatablekey}$	function
fastcopy	function	${\tt setmetatable newind ex}$	function
flattened	function	setn	function
foreach	function	sort	function
foreachi	function	sortedhash	function
fromhash	function	${ t sortedhashkeys}$	function
getmetatablekey	function	sortedkeys	function
getn	function	sortedpairs	function
has_one_entry	function	strip	function
identical	function	sub	function
imerge	function	swapped	function
imerged	function	tocontext	function
insert	function	tofile	function
is_empty	function	tohandle	function
keys	function	tohash	function
loweredkeys	function	toxml	function
maxn	function	unique	function
merge	function	unnest	function
merged	function	unpack	function
prepend	function		

tex (basic tex)

attribute	table	number	function
badness	function	pdffontname	function
box	table	pdffontobjnum	function
catcode	table	pdffontsize	function
conditionals	data table	pdfpageref	function
constants	data table	pdfxformname	function
count	table	primitives	function
ctxcatcodes	number	print	function
definefont	function	printlist	function
delcode	table	prtcatcodes	number
dimen	table	romannumeral	function
enableprimitives	function	round	function
error	function	run	function
extraprimitives	function	scale	function
finish	function	set	function
fontidentifier	function	setattribute	function
fontname	function	setbox	function
fprint	function	setcatcode	function
get	function	setcount	function
getattribute	function	setdelcode	function
getbox	function	setdimen	function
getcatcode	function	setfalse	function
getcount	function	setlccode	function
getdelcode	function	setlist	function
getdimen	function	setmath	function
getlccode	function	setmathcode	function
getlist	function	setnest	function
getmath	function	setsfcode	function
getmathcode	function	setskip	function
getnest	function	settoks	function
getsfcode	function	settrue	function
getskip	function	setuccode	function
gettoks	function	sfcode	table
getuccode	function	shipout	function
hashtokens	function	skip	table
ifs	data table	sp	function
inicatcodes	number	sprint	function
iscount	function	systemmodes	data table
isdimen	function	texcatcodes	number
isskip	function	toks	table
istoken	function	tpacatcodes	number
lccode	table	tpbcatcodes	number
linebreak	function	tprint	function
lists	table	txtcatcodes	number
luacatcodes	number	type	function
mathcode	table	uccode	table
modes	data table	uniformdeviate	function
nest	table	uprint	function
nilcatcodes	number	vrbcatcodes	number
notcatcodes	number	write	function

texconfig (basic tex)

error_line	number
expand_depth	number
formatname	string
half_error_line	number
hash_extra	number
init	function
kpse_init	boolean
max_in_open	number

max_print_line	number
max_strings	number
nest_size	number
param_size	number
save_size	number
shell_escape	string
stack_size	number

texio (basic tex)

write function
write_nl function

token (basic tex)

command_id	function
command_name	function
create	function
csname_id	function
csname_name	function
expand	function

get_next function
is_activechar function
is_expandable function
is_protected function
lookup function

tokens (context)

bgroup table

collectors table

T data

F defaultwords

F dowithwords

F flush

F handle

F install

F register

T registered

T remapper

F convert

T data

F store

F show

T show_methods
F a
F b
F c
F showtoken
F test
F trace
egroup table

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

tracers (context)

count function
cs function
dimen function
knownlist function
lists table

T context
T internals
T scratch

name function
primitive function
printerror function
showlines function
strings table

 ${\tt S}$ undefined

toks function
type function

trackers (context)

data	data table	name	string
disable	function	register	function
${\tt dumphashtofile}$	function	report	function
enable	function	savehash	function
list	function	show	function

typesetters (context)

alignments	table	F local	handler
F handler		F save	
F set		paragraphs	s table
breakpoints	table	N attri	bute
N attribut	te	T droppe	ers
F define		F free	eze
F handler		F set	
D mapping		F handle	er
T methods		F set	
T numbers		processors	s table
F set		F apply	
F setrepla	acement	F regis	
cases	table	F reset	
T actions		F split	
F handler		F starts	apply
F register	r	F stopa	
F set		F strip	
characters	table	F tostr	=
F handler		spacings	table
cleaners	table	N attri	bute
F handler		F defin	e
F set		F handle	er
digits	table	D mappi	ng
T actions		T number	
N attribut	te	T fre	nchpunctuation
F handler			naracters
F set		S na	ame
directions	table	N nı	umber
F handler		F reset	
F process		F set	
F set		F setup	
hpack	function	tonodes	function
italics	table	vpack	function
F forceva	riant	xtables	table
F handler		F clean	ир
F reset		F const:	
F set		F create	e
kerns	table	F flush	
D factors		F initi	alize_construct
F handler		F initi	alize_reflow_height
B keepliga	ature		alize_reflow_width
B keeptoge		F next_	
D mapping		F reflo	w_height
F set		F reflo	w_width
margins	table		onstruct
F finalha		_	eflow_height
F globalha	andler		eflow_width
F ha		_	

unicode (extra lua)

ascii	table	F gmatch	
F byte		F gsub	
F char		F len	
F dump		F lower	
F find		F match	
F format		F rep	
F gfind		F reverse	
F gmatch		F sub	
F gsub		F upper	
F len		ustring	function
F lower		utf16_to_utf8	function
F match		utf16_to_utf8_be	
F rep		utf16_to_utf8_le	
F reverse		utf32_to_utf8	function
F sub		utf32_to_utf8_be	function
F upper		utf32_to_utf8_le	
filetype	function	utf8	table
grapheme	table	F byte	
F byte		F char	
F char		F dump	
F dump		F find	
F find		F format	
F format		F gfind	
F gfind		F gmatch	
F gmatch		F gsub	
F gsub		F len	
F len		F lower	
F lower		F match	
F match		F rep	
F rep		F reverse	
F reverse		F string	
F sub		F sub	
F upper		F toentities	
latin1	table	F upper	
F byte		utf8_to_utf16	function
F char		utf8_to_utf8	function
F dump		utfcodes	function
F find		utfname	table
F format		utftype	function
F gfind		xstring	function

url (context)

addscheme function
construct function
filename function
hashed function

hasscheme function
query function
split function

utilities (context)

1.1	. 13	_	_	
debugger	table		appendgroup	
F disable			compile	
F enable			disableaction	
F savestats			disablegroup	
F showstats		F	enableaction	
formatters	table	F	enablegroup	
F formatcolumns		D	functions	
F list		F	localize	
F stripzeros		F	new	
${\tt garbagecollector}$	table	F	${\tt nodeprocessor}$	
F check		F	${\tt prependaction}$	
N criterium		F	prependgroup	
B enabled		F	removeaction	
lua	table	F	setkind	
F compile		F	tostring	
packers	table	sette	ers	table
F hashed		F	disable	
F new		F	enable	
F pack		F	initialize	
F simplehashed		F	list	
F strip		F	new	
F unpack		F	register	
N version		F	reset	
parsers	table	F	show	
F add_settings_t	to_array	stora	age	table
F arguments_to_t	table	F	allocate	
F array_to_stri	ng	F	checked	
F getparameters		F	mark	
F hash_to_string	7	F	marked	
F listitem		F	setinitializer	:
F make_settings	_to_hash_pattern	F	sparse	
T patterns		strir	ıgs	table
U settings_to	array	F	collapsecrlf	
U settings_to	_hash_a	F	newrepeater	
U settings_to	_hash_b	F	nice	
U settings_to	_hash_c	F	striplong	
F settings_to_a	rray	F	tabtospace	
F settings_to_ha	ash	table	es	table
F settings_to_ha	ash_strict	F	accesstable	
F settings_to_ha	ash_tolerant	F	definetable	
F settings_to_se		F	encapsulate	
F simple_hash_to			insertafterval	ue
report	function	F	insertbeforeva	alue
sequencers	table	F	migratetable	
F appendaction		F	removevalue	

visualizers (context)

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

xml (context)

oddon+i+ioadoa+wno	function	entities	data table
addentitiesdoctype after	function	erase	function
all	function	erase	function
	function		function
applylpath	function	escaped	table
assign attribute	function	expressions F boolean	table
before	function		
	function	F child	
body builtinentities	table	F contains	
	table	F count	
B amp		F error F find	
B apos			
B gt B lt		F lower F name	
		F name F number	
B quot cdata	function		
cdatatotext	function	F oneof	
checkbom	function	F print	
checkerror	function	F quit	
	function	F tag	
checknamespace checkns	function	F text	
cleansed	function	F undefined	
collect	function	F upper fillin	function
	function	filter	function
collect_elements	function	finalizers	table
collect_tags collect_texts	function	T tex	table
collected	function	r tex F all	
collecttexts	function	F attribute	
content	function	F bibtexconcat	
convert	function	F bibtexconcat F bibtexshort	
	function	F chainattribute	
copy count	function	F command	
cprint	function	F concat	
css	table	F concatrange	
F colorspecification	dubic	F context	
F fontspecification		F count	
F padding		F ctxtext	
defaulthandlers	table	F default	
D file	00010	F first	
D parsedxml		F function	
D string		F index	
D tex		F last	
D texline		F lettered	
D texspace		F lower	
D verbose		F match	
defaultprotocol	string	F name	
delete	function	F position	
delete_element	function	F reverse	
each	function	F stripped	
each_element	function	F tag	
elements	function	F tags	
empty	function	F text	

F upper		lshow	function
T xml		makestandalone	function
F all		match	function
F att		name	function
F attribute		newhandlers	function
F attributes		nodesettostring	function
F cdata		originalload	function
F chainattribute		package	function
F count		parent	function
F default		parsedentitylpeg	userdata
F elements		pihandlers	table
F empty		placeholders	table
F first		F unknown_any_entity	
F function		F unknown_dec_entity	
F index		F unknown_hex_entity	
F last		position	function
F match		privatecodes	table
F name		privatetoken	function
F position		process	function
F reverse		process_attributes	function
F table		process_elements	function
F tag		processattributes	function
F tags		profiled	table
F text		raw	function
F texts		registerentity	function
first	function	registerns	function
found	function	remap_name	function
functions	table	remap_namespace	function
getbuffer	function	remap_tag	function
gethandlers	function		function
gethandlersfunction	function	remaphame	function
include	function	remaphamespace	function
index	function	remaptag	function
inheritedconvert		renamespace	function
	function	replace	
inject	function	replace_element	function
inject_element	function	resolvens	function
inject_element_after	function	root	function
<pre>inject_element_before</pre>		save	function
injectafter	function	selection	function
injectbefore	function	serialize	function
insert	function	setcdata	function
insert_element	function	sethandlersfunction	function
insert_element_after	function	setproperty	function
insert_element_before		settings	function
insertafter	function	specialhandler	table
insertbefore	function	sprint	function
insertcomment	function	string	function
inspect	function	strip	function
is_valid	function	strip_whitespace	function
last	function	stripelement	function
load	function	stripleadingspaces	function
lpath	function	table	function
lpathcached	function	text	function
1	C		c

function

textonly

function

lpathcalls

tocdata	function	unescaped	function
toelement	function	$\overset{ ext{-}}{ ext{unprivatized}}$	function
tostring	function	withelement	function
toxml	function	withelements	function
tprint	function	wrap	function
traverse	function	xmlns	table

zip (extra lua)

archives	table	openarchive	function
close	function	openfile	function
closearchive	function	${\tt registeredfiles}$	table
open	function	type	function

zlib (extra lua)

adler32 function compress function crc32 function

decompress function
decompressobj function
version function