



Lua 5.3 Reference Manual

The reference manual is the official definition of the Lua language.

For a complete introduction to Lua programming, see the book [Programming in Lua](#).

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debug.getinfo	os.time	lua_gettable	luaL_newlibtable
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debug.getupvalue	package.config	lua_insert	luaL_opt
debug.getuservalue	package.cpath	lua_isboolean	luaL_optinteger
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debug.setlocal	package.loadlib	lua_isfunction	luaL_optnumber
debug.setmetatable	package.path	lua_isinteger	luaL_optstring
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io.stdout	string.reverse	lua_pcall	luaopen_coroutine
io.tmpfile	string.sub	lua_pcallk	luaopen_debug
io.type	string.unpack	lua_pop	luaopen_io
io.write	string.upper	lua_pushboolean	luaopen_math
file:close		lua_pushcclosure	luaopen_os
file:flush	table	lua_pushcffunction	luaopen_package
file:lines	table.concat	lua_pushfstring	luaopen_string
file:read	table.insert	lua_pushglobaltable	luaopen_table
file:seek	table.move	lua_pushinteger	luaopen_utf8
file:setvbuf	table.pack	lua_pushlightuserdata	
file:write	table.remove	lua_pushliteral	constants
	table.sort	lua_pushlstring	
	table.unpack	lua_pushnil	LUA_ERRERR
		lua_pushnumber	LUA_ERRFILE
utf8		lua_pushstring	LUA_ERRGCM
utf8.char		lua_pushthread	LUA_ERRMEM
utf8.charpattern		lua_pushvalue	LUA_ERRRUN
utf8.codepoint		lua_pushvfstring	LUA_ERRSYNTAX
utf8.codes		lua_rawequal	LUA_HOOKCALL
utf8.len		lua_rawget	LUA_HOOKCOUNT
utf8.offset		lua_rawgeti	LUA_HOOKLINE
	environment	lua_rawgetp	LUA_HOOKRET
	variables	lua_rawlen	LUA_HOOKTAILCALL
		lua_rawset	LUA_MASKCALL
		lua_rawseti	LUA_MASKCOUNT
LUA_CPATH		lua_rawsetp	LUA_MASKLINE
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LUA_INIT		lua_remove	LUA_MAXINTEGER
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LUA_PATH		lua_resume	LUA_MINSTACK
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		lua_setallocf	LUA_NOREF
		lua_setfield	LUA_OK
		lua_setglobal	LUA_OPADD
		lua_sethook	LUA_OPBAND

lua_seti	LUA_OPBNOT
lua_setlocal	LUA_OPBOR
lua_setmetatable	LUA_OPBXOR
lua_settable	LUA_OPDIV
lua_settop	LUA_OPEQ
lua_setupvalue	LUA_OPIDIV
lua_setuservalue	LUA_OPLE
lua_status	LUA_OPLT
lua_stringtonumber	LUA_OPMOD
lua_toboolean	LUA_OPMUL
lua_tocfunction	LUA_OPPOW
lua_tointeger	LUA_OPSHL
lua_tointegerx	LUA_OPSHR
lua_tolstring	LUA_OPSUB
lua_tonumber	LUA_OPUNM
lua_tonumberx	LUA_REFNIL
lua_topointer	LUA_REGISTRYINDEX
lua_tostring	LUA_RIDX_GLOBALS
lua_tothread	LUA_RIDX_MAINTHREAD
lua_touserdata	LUA_TBOOLEAN
lua_type	LUA_TFUNCTION
lua_typename	LUA_TLIGHTUSERDATA
lua_upvalueid	LUA_TNIL
lua_upvalueindex	LUA_TNONE
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lua_version	LUA_TSTRING
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