

Pre-requisites:

1. [Ruby](#) (Ruby+Devkit 3.1.3-1 (x64)):
2. [Lua >= 5.3](#), Note: The C headers are needed
3. [MingW](#) with all needed dlls.
4. [Golang >= 1.11](#)
5. makensis.exe on path (install [NSIS: Nullsoft Scriptable Install](#))

Adjustments:

Some files have hardcoded paths:

In buildlib.go, adjust the following paths in cmd = exec.Command for windows:

1. Path to your mingw-gcc executable (Ex: C:\\ProgramData\\chocolatey\\lib\\mingw\\tools\\install\\mingw64\\bin\\x86_64-w64-mingw32-gcc.exe)
2. Path to the luaglua.c. Ex: D:\\Open_Source\\publisher\\src\\c\\luaglua.c
3. Path to lua C headers: Ex: C:\\Program Files\\lua-5.3.6_Win64_bin\\include
4. Path to luatex: D:\\Open_Source\\luatex-bin\\luatex\\windows\\amd64\\default

Full example:

```
cmd = exec.Command(
    "C:\\\\ProgramData\\\\chocolatey\\\\lib\\\\mingw\\\\tools\\\\install\\\\mingw64\\\\bin\\\\x86_64-w64-mingw32-gcc.exe",
    "-shared",
    "-o",
    filepath.Join(dylibbuild, "luaglua.dll"),
    "D:\\\\Open_Source\\\\publisher\\\\src\\\\c\\\\luaglua.c",
    "-IC:\\\\Program Files\\\\lua-5.3.6 Win64 bin\\\\include",
    "-LD:\\\\Open_Source\\\\luatex-bin\\\\luatex\\\\windows\\\\amd64\\\\default",
    "-llua53w64",
    "-llibsplib",
    "-L"+dylibbuild
)
```

Or you can use build_sp.py from src/python/build directory.