A Complete Guide of Neovim

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1 lua

1. Run lua by `:lua print("Hello")`

2. put init.lua under **˜/.config/nvim**

3. put .lua file under ˜/.config/nvim/lua

4. One can import table (module) by require("module") (no need to add .lua)

5. Better use require with pcall to increase robustness

6. Use vim.cmd("command") in lua to pass command to nvim

7. Nvim supports `init.lua` as the configuration file, which should be put in `/.config/nvim/`

8. Lua modules should be put at `/.config/nvim/lua`

How to use lua

```
-- run lua code
:lua print("Hello")

-- run an external lua file
:source ~/path/to/file.lua

-- Use Lua file on startup
```

1.1 Import Lua Modules

1. Modules are searched for under runtimepath, any '.' appeared is treated as **directory seperator**

2. Neovim will search for the first module found

2 Variables

1. vim.g
2. vim.b
3. vim.w
4. vim.t
5. vim.v
6. vim.env

3 runtimepath

1.
2. `:echo &runtimepath` show runtimepath

```
-- in init.lua
-- vim.o is a global table
vim.o.runtimepath = vim.o.runtimepath..',/path/to/new/runtime/directory'
```

4 colorscheme

```
:colo -- show current active color scheme
:colo {name} -- load color scheme {name}
```

5 lazy.nvim

```
:checkhealth lazy
:echo stdpath('config')
```