

# VIM FOR THE FRONTEND

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# whoami

- Vim: 10 years, nvim: 7 years
- Front end + mobile
- HTML, CSS, JS, Swift, Kotlin

# JOURNEY

- Dreamweaver (Designer days)
- Brackets/Atom
- WebStorm
- Atom (again)
- n/vim

# WHY VIM

# WHY VIM FOR FRONTEND?

- Speed
- Navigation
- Deep code integration

*All promised by "modern" editors*

# WHY VIM



# WHY NVIM

# OBVIOUS STUFF

- LSP
- Treesitter

```
local servers = {'tsserver', 'html', 'cssls',}  
for _, lsp in ipairs(servers) do  
    lspconfig[lsp].setup()  
end
```

```
lspconfig.jsonls.setup {
  settings = {
    json = {
      -- Schemas https://www.schemastore.org
      schemas = {
        {
          fileMatch = {"package.json"},
          url = "https://json.schemastore.org/package.json"
        },
        {
          fileMatch = {"tsconfig*.json"},
          url = "https://json.schemastore.org/tsconfig.json"
        },
        {
          fileMatch = {
```

**SPEED**  
**GOTTA GO FAST**



- Time to start up?
- Editor performance?
- Language parsing?

All great, but over my head...

✓ Time to actually ship something



# MATTN/EMMET-VIM

```
packer.startup(  
  function(use)  
    use { "mattn/emmet-vim" }  
  end  
)
```

# BETTER MAPPING

```
function! s:expand_html_tab()  
  
" try to determine if we're within quotes or tags.  
" if so, assume we're in an emmet fill area.  
let line = getline('.')  
if col('.') < len(line)  
    let line = matchstr(line, '[">][^<"]*\%'.col('.').'c[^>"]*['  
    if len(line) >= 2  
        return "\<C-n>"  
    endif  
endif  
  
" expand anything emmet thinks is expandable.  
if emmet#isExpandable()  
    return emmet#expandAbbrIntelligent("\<tab>")  
endif
```

# LSP AND EMMET?

## PEDRO757/EMMET

```
--- npm install -g ls_emmet
local lspconfig = require'lspconfig'
local configs = require'lspconfig/configs'

local capabilities = vim.lsp.protocol.make_client_capabilities
capabilities.textDocument.completion.completionItem.snippetSupport = true

configs.ls_emmet = {
  default_config = {
    cmd = { 'ls_emmet', '--stdio' };
    filetypes = { 'html', 'css', 'scss', 'javascript', 'javascriptreact',
      'xml', 'xsl', 'pug', 'slim', 'sass', 'stylus', 'less', 'svelte' };
    root_dir = function(fname)
      return vim.loop.cwd()
    end;
  }
}
```

# TERRORTYLOR/NVIM-COMMENT

```
use {"JoosepAlviste/nvim-ts-context-commentstring"}
use {
  "terrortylor/nvim-comment",
  config = function()
    require("nvim_comment").setup(
      {
        hook = function()
          require("ts_context_commentstring.internal").update_
        end
      }
    )
  end
}
```

# MHARTINGTON/FORMATTER.NVIM

```
use {"mhartington/formatter.nvim", config = function()
  require("formatter").setup {
    {
      filetype = {
        typescript = {
          function()
            return {
              exe = "prettier",
              args = { "--stdin-filepath", vim.api.nvim_buf_get_name(0) },
              stdin = true
            }
          end
        }
      }
    }
  }
end
```

# NAVIGATION

Possibly controversial

Possibly controversial  
I like file explorers...



Possibly controversial  
I like file explorers...  
But I also like fuzzy finders

# FILE EXPLORER

- New project
- Unfamiliar setup
- Better visualization

# FUZZY FINDER

- Familiar project
- Consistent project setup
- Better for abstract

# NVIM-TELESCOPE/TELESCOPE.NVIM

```
use {"nvim-telescope/telescope.nvim"}  
use {"nvim-telescope/telescope-fzy-native.nvim"}  
  
use {"nvim-telescope/telescope-packer.nvim"}  
use {"nvim-telescope/telescope-node-modules.nvim"}
```

Thanks TJ and crew

# XUYUANP/YANIL

```
use {"Xuyuanp/yanil"}
```

"A lib to build your own NERDTree"

# DEEP CODE INTEGRATION

Beyond a file, but whole projects

Yes, this includes LSP, but also more



# GIT INTEGRATIONS

```
-- Git UI
use { "TimUntersberger/neogit" }

-- GitHub UI
-- Telescope Extension!
use { "pwntester/octo.nvim",
      config = function()
        require "octo".setup()
      end
    }
}
```

# DEPENDENCY MANAGMENT

```
use { "vuki656/package-info.nvim" }
```

# NON-EXTENSIVE LIST

- TJ stream with Nick Nisi
  - <https://youtu.be/tAVxxdFFYMU>
- ThePrimeagen (~40mins in)
  - <https://www.twitch.tv/videos/1176587022>
- Elijah Manor
  - <https://elijahmanor.com/blog/neovim-tmux>

**HOW DO YOU DO FRONTEND IN VIM?**

THANK YOU  
</HTML>