How I turned my Windows PC into a productivity machine for development (wsl + hyper + oh my zsh + Dracula)

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First of all why windows, why not Linux?

I have been using Linux for more than 3 years and I really liked working on it. From the day one I had to deal with all sort of errors, like grub errors, installation errors, etc. Also,

I had to switch back to windows anytime I wanted to play games or use Adobe softwares like XD.

And it was all OK, until my Spotify stopped working. I tried many solutions but they only fixed it temporarily. Fortunately windows released an update with wsl(windows subsystem for Linux) and that was perfect for me. Currently I am using wsl2 on windows and everything works fine now. No more bugs. Still I have to deal with updates though!

What is wsl?

WSL is a new feature of Windows 10 (1607 and later) that enables you to run Linux distros directly on Windows 10 alongside your favorite Windows applications. It has several advantages over a virtual machine instance in that it uses very little resources (comparatively) and is highly integrated into the desktop experience.
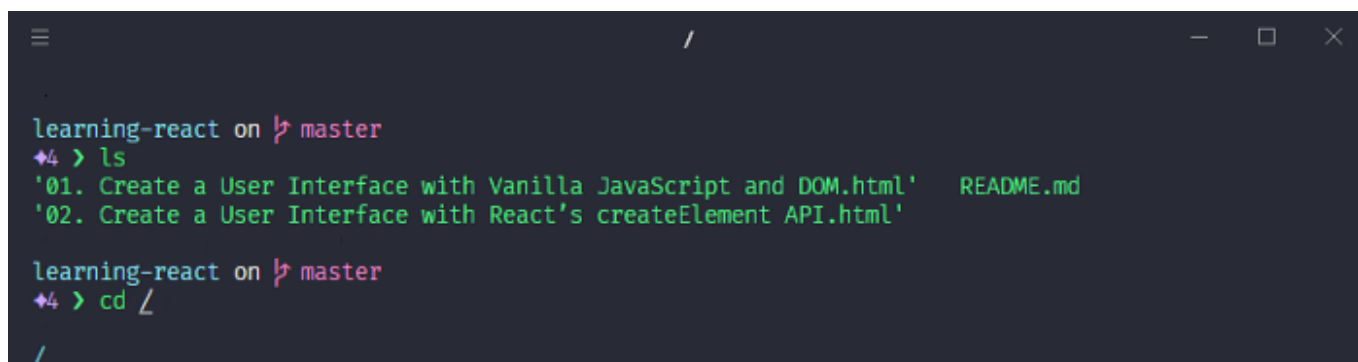
With WSL its like using linux and windows all together + Same linux commands in the terminal.

Let's get started

1. Here is how to install WSL if u haven't already.

2. Then install Ubuntu from Microsoft store

3. Install hyper.js terminal

While experimenting with setup I tried a lot of terminals including cygwin, windows new terminal, default Command prompt, etc. I also tried to customize windows PowerShell. But I think hyper is best of them all. It's highly customizable, powerful and well-tested.

> Want to read this story later? Save it in Journal.

```
learning-react on master
+4 > ls
'01. Create a User Interface with Vanilla JavaScript and DOM.html'    README.md
'02. Create a User Interface with React's createElement API.html'

learning-react on master
+4 > cd /

/
```

```
◆4 〉 ls
bin   dev   home  lib     media  opt   root  sbin  srv   tmp   var
boot  etc   init  lib64   mnt    proc  run   snap  sys   usr

/
◆4 〉
```

Setting up hyper

Press `Ctrl + ,` to bring up Hyper.js configuration file. Look for `plugins: [` edit and
add my favorite Dracula theme.

```
plugins: ['hyper-dracula'],
```

Setup Hyper.js to automatically open Ubuntu on Windows

- Open up Hyper.js configuration again and type `Ctrl + ,`

- Scroll down to shell and change it to `C:\\Windows\\System32\\bash.exe`

```
// the shell to run when spawning a new session (i.e.
/usr/local/bin/fish)
    // if left empty, your system's login shell will be used by
default
    //
    // Windows
    // - Make sure to use a full path if the binary name doesn't work
    // - Remove `--login` in shellArgs
    //
    // Bash on Windows
    // - Example: `C:\\Windows\\System32\\bash.exe`
    //
    // PowerShell on Windows
    // - Example:
`C:\\WINDOWS\\System32\\WindowsPowerShell\\v1.0\\powershell.exe`
    shell: 'C:\\Windows\\System32\\bash.exe',

// for setting shell arguments (i.e. for using interactive shellArgs:
`['-i']`)
```

```
        // by default `['--login']` will be used
        shellArgs: [],
```

Install ZSH on Ubuntu Bash Windows

- Run this `sudo apt-get install zsh`

- Open your bash profile `vim~/.bashrc`

- Add this to set it to use ZSH as default:

```
screenfetch
bash -c zsh
# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files (in the package
bash-doc)
# for examples# If not running interactively, don't do anything
case $- in
```

Install Oh My ZSH

Install Oh My Zsh with `sh -c "$(curl -fsSL`

`https://raw.githubusercontent.com/robbyrussell/oh-my-zsh/master/tools/install.sh )"`

Change the ZSH Theme to avit

`vim ~/.zshrc`

```
# Set name of the theme to load. Optionally, if you set this to
"random"
# it'll load a random theme each time that oh-my-zsh is loaded.
# See https://github.com/robbyrussell/oh-my-zsh/wiki/Themes
ZSH_THEME="avit"
```

Don't forget to add syntax highlighting and auto suggestions plugin. These come really handy.

```
# ZSH_CUSTOM=/path/to/new-custom-folder
# Which plugins would you like to load?
# Standard plugins can be found in ~/.oh-my-zsh/plugins/*
# Custom plugins may be added to ~/.oh-my-zsh/custom/plugins/
# Example format: plugins=(rails git textmate ruby lighthouse)
# Add wisely, as too many plugins slow down shell startup.
plugins=(git
zsh-syntax-highlighting
zsh-autosuggestions
)
source $ZSH/oh-my-zsh.sh

# User configuration

# export MANPATH="/usr/local/man:$MANPATH"

# You may need to manually set your language environment
# export LANG=en_US.UTF-8

# Preferred editor for local and remote sessions
# if [[ -n $SSH_CONNECTION ]]; then
#   export EDITOR='vim'
# else

                                              86,1              74%
```
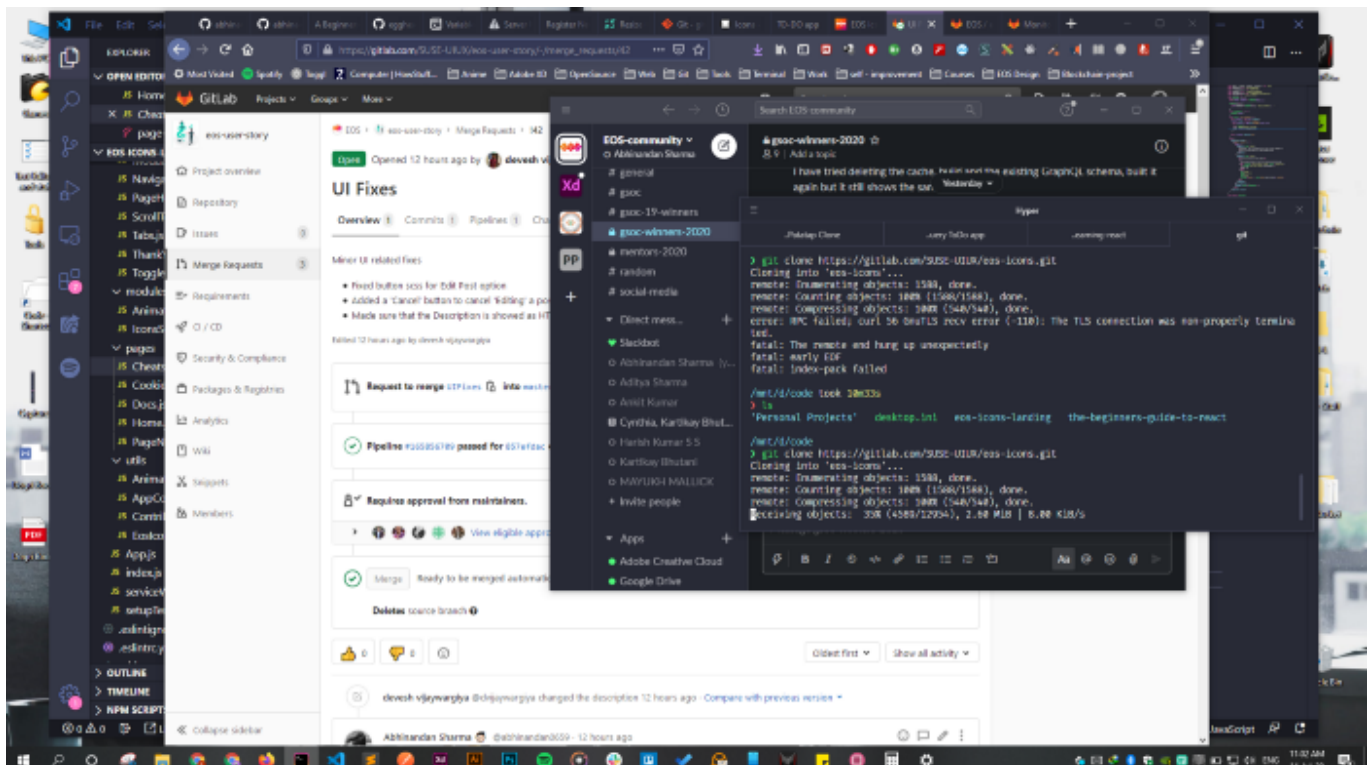
Install other Oh My ZSH plugins — https://github.com/robbyrussell/oh-my-zsh

Install other Hyper.js themes — https://hyperthemes.matthi.coffee/

Dracula for everything

A screenshot from my PC