
Awesome Dev Env

A curated list of awesome tools, resources and workflow tips making an awesome development environment.

Inspired by awesome-go, which was in turn inspired by awesome-python.

Contributing

Guidelines tweaked and adapted from [awesome-go](#) - thanks!

But in short:

- List is alphabetically sorted
- If you think an item shouldn't be here open an issue

Many thanks to everyone on the contributor list :)

Content

*Note: for an OS specific tool, please do your best to mark with [OSX](#)/[WIN](#)/[*NIX](#)/[LIN](#)*

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Admins

Tools to manage databases, permissions, etc.

- hss - Never type the annoying ssh commands again.
- MongoHub - Native OSX client for mongo
- Robomongo - a cross platform Admin for MongoDB

Benchmarking

Tools to benchmark your code or services

- apachebench (ab)
- boom
- httpperf
- phantomas - website perf evaluation tool
- siege
- Vegeta
- wrk
- redis-faina Instagram's Redis counter/timing stats based on the MONITOR command

Data

Tools for handling online and offline data

- s3cmd - the S3 CLI tool for Amazon

Diagnostics

Tools for checking diagnosing your system while you work

- glances

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- nmon
 - gtop

Desktop

Tools for improving and hacking around with your vanilla desktop

- Alfred - OSX productivity app /[OSX](#)/
- hydra - script your desktop /[OSX](#)/
- Keycastr - show your keys while presenting/casting /[OSX](#)/

Documentation

Tools to document your project

- Log4brains - Docs-as-code knowledge base to manage Architecture Decision Records (ADR) for your project and publish them automatically as a static website.

Dotfiles

- dotfiles.github.io - Collected dotfile resources. Has sections with dotfile bootstraps and lists of frameworks for various shells and editors.
- Zach Holman's - oh-my-zsh, osx, Zsh, vi, Ruby, Git, and more
- Mathias Bynens's - .files, including ~/.osx — sensible hacker defaults for OS X
- Thoughtbot's - A set of vim, zsh, git, and tmux configuration files
- Paul Miller's - Colourful & robust OS X configuration files and utilities

Editors

Only awesome tools and addons for your favorite editor

Atom

- atom-beautify - Beautify HTML (including Handlebars), CSS (including Sass and Less), JavaScript, and much more in Atom.
- file-icons - Adds file specific icons to atom for improved visual grepping.
- highlight-selected - Double click on a word to highlight it throughout the open file.

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- minimap - A graphical map (preview) of the full source code.
 - minimap-git-diff - A minimap binding for the Atom git-diff package.
 - minimap-highlight-selected - A minimap binding for the highlight-selected package.
 - atom-project-manager - Get easy access to all your projects and manage them with project specific settings and options.
 - atom-tree-view-git-status - Show the Git repository status in the Atom tree-view.
 - atom-pigments - An Atom package to display colors in project and files.

Vim

- Completer - async autocomplete with support for omni and semantic completion.
- Powerline - improved status bar for your buffers.
- snipmate - textual snippets compatible with Textmate snippets.
- The Ultimate Vim Distribution - spf13-vim is a distribution of vim plugins and resources for Vim, GVim and MacVim.

Sublime Text 3

- AdvancedNewFile - File creation plugin.
- Emmet
- Git Gutter - display changed/added lines in the margin of the editor window.
- jsFormat - Javascript formatting.
- LiveReload - LiveReload plugin.
- MarkdownEditing - Markdown syntax understanding and good color schemes.
- Package Control - The Sublime Text package manager.
- RubyTest - Plugin for running Ruby tests.
- Side Bar Enhancements - Enhancements to Sublime Text sidebar. Files and folders.
- Sublime Git - Git Integration for Sublime.
- Sublime Linter - Interactive code linting.
- TrailingSpaces - Highlight trailing spaces and delete them in a flash.

IntelliJ

- keymap - a hybrid Vim/ReSharper/IntelliJ keymap

Visual Studio Code

- Dev Git Repo - Github code repository for VS Code
- Monaco Editor Git Repo - Github code repository for underlying browser-based editor

Extensions

- VS Code Extension Marketplace - Official website for extensions
- Python extension - Official Python extension
- Sync settings - Excellent extension for settings and extension sync of your VS code setup

Git

Tools and addons for making an awesome Git experience

- awesome-github - Faraz Fallahi maintains a curated list of GitHub & Git resources.
- gh - Fast GitHub command line client (hub port to Go)
- git-extra-commands - collected git helper scripts
- git-extras - GIT utilities – repo summary, repl, changelog population, author commit percentages and more
- git-it-on - ZSH plugin, adds a gitit command that opens the current directory on github in your current branch
- git-secret - A bash-tool to store your private data inside a git repository.
- git-semver - A git plugin to make Semantic Versioning 2.0.0 and Change Log management easier.
- git-sweep - safely removes branches that have been merged into the master
- git-up - a better 'git pull'
- hub - git CLI wrapper which makes working with GitHub easier
- scm_breeze Streamline your git workflow
- tig - an ncurses-based text-mode interface for git

Misc

Useful tools that cannot find a home in other categories

- Fenix Web Server - A multi-host local static web server with push-button sharing (desktop app).
- ML Workspace - All-in-one web-based development environment for machine learning and data science.
- Mockoon - an API / HTTP REST mocking desktop application
- HTTP Toolkit - an HTTP inspection & debugging desktop application

Notifications

Tools that notify developers about changes in their work environment

- CatLight - status notifier for developers. Checks the status of continuous delivery builds and shows desktop notifications.

Orchestration

Tools for orchestrating awesome development environments

- azk - a lightweight open source engine to orchestrate development environments
- Nanobox - A micro-PaaS (μ PaaS) for creating consistent, isolated, development environments deployable anywhere <https://nanobox.io>.

Presentation

Tools for presenting your work

- bespoke.js - DIY Presentation Micro-Framework
- hacker-slides - Reveal.js based presentation tool
- impress.js - presentation framework based on the power of CSS3 transforms and transitions
- mithril-slides - A Keynote-inspired presentation app written with Mithril
- remark - markdown based presentation on your browser
- reveal.js - markdown based presentation on your browser
- deck.js - markdown based presentation on your browser
- vimdeck - present inside your Vim
- WebSlides - Making HTML presentations easy

Shell

Tools for having an awesome shell environment

- awesome-zsh-plugins - List of zsh plugins usable with zgen and other oh-my-zsh compatible zsh frameworks
- fish-shell - The user-friendly command line shell
- hss - Never type the annoying ssh commands again.
- oh-my-fish - Framework for managing your fish shell configuration inspired by oh-my-zsh.
- oh-my-zsh - A community driven framework for managing zsh configuration.

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- `zgen` - Faster framework for managing your `zsh` configuration, backward compatible with `oh-my-zsh` plugins
 - `zsh` - A shell designed for interactive use, although it is also a powerful scripting language.
 - `shellcheck` - Lint for shell. Will find deprecated and/or dangerous usage in shell scripts
 - `zsh quickstart kit` - Quick intro for getting set up with `zsh` and `zgen`

Text

Tools for working with text files - search, replace, processing

- `ack` - the Perl based better-than-grep tool.
- `ag` - A C based code-searching tool similar to `ack`, but faster
- `peco` - interactive filtering, like interactive Grep
- `ripgrep` - Faster than `grep`, written in Rust

Terminal

Tools and addons for terminal and terminal work

- `autojump` - remembers your folders and jump to them based on partial recall (e.g. `j proj` will jump to `/home/Users/yourself/projects`).
- `fasd` Command-line productivity booster, offers quick access to files and directories.
- `freshenv` - Provision, share, manage local and cloud developer environments.
- `homebrew` - Makes it easy to install open source packages on an `OS X` system with a single command.
- `hss` - Never type the annoying `ssh` commands again.
- `httpie` A command line HTTP client, a user-friendly `cURL` replacement.
- `iTerm2` - a great terminal replacement `/OSX/`
- `jq` - a lightweight and flexible command-line JSON processor
- `oh-my-zsh` - the incredible ZSH addon.
- `Pipe Viewer` - a tool for monitoring the progress of data through a pipeline
- `tmux` the awesome terminal multiplexer.
- `zoxide` - A better way to navigate your filesystem. Written in Rust, cross-shell, and much faster than other autojumpers.

Workflow

Tools and addons which improve your daily workflow with code

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- fswatch - a watch tool which will emit FS events and you can run commands on demand with. Note - `fswatch-run` too.
 - guard - FS watch tool with a huge ecosystem of plugins
 - just - A task runner for conveniently saving and running project-specific commands. Similar to make, but much nicer
 - LiveReload - FS watch and preprocessor as a desktop app for `/OSX/` and `/WIN/` with complementary browser extensions
 - guard-livereload - Guard plugin compatible with LiveReload's browser extensions
 - simplehttp Fastest and simplest way to start serving a local directory over http.
 - watchman - Facebook's better `watch` - note it works as a service.
 - Zappr - GitHub integration built to enhance your project workflow via enable/disable pull request approval checks.
 - ergo - The management of multiple local services running over different ports made easy.
 - Prodmol - Build tool for data science pipelines.
 - Gebug - A tool that makes debugging of Dockerized Go applications super easy by enabling Debugger and Hot-Reload features, seamlessly.