📖 alebcay / **awesome-shell**

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A curated list of awesome command-line frameworks, toolkits, guides and gizmos. Inspired by awesome-php.

awesome-list   awesome   list   zsh   fish   bash   cli   shell

🕐 **419** commits   ⑃ **1** branch   🏷 **0** releases   👥 **122** contributors   ⚖ CC0-1.0

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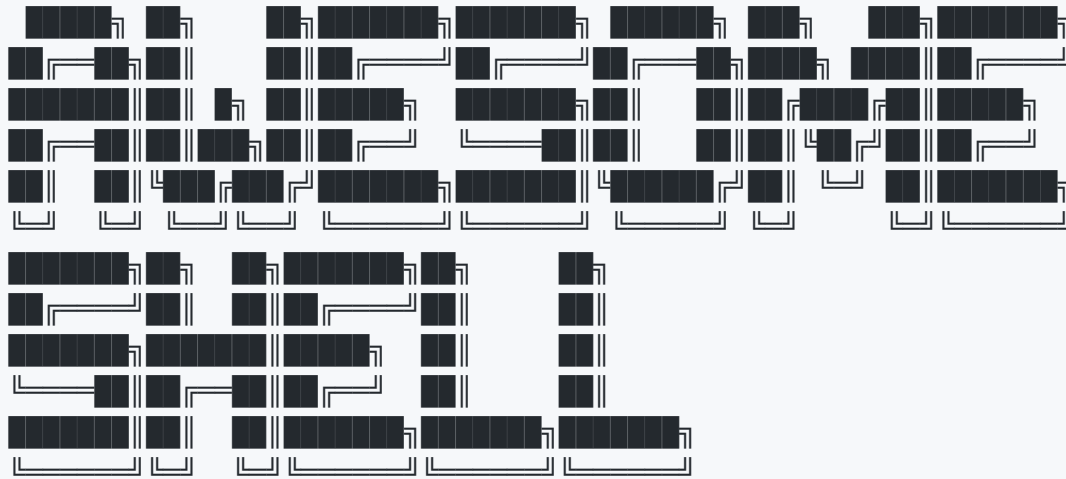
🖼 alebcay committed on **GitHub** Merge pull request #206 from jarun/master …   Latest commit 34398ef Apr 21, 2017

📄 .travis.yml	Remove transfer.sh from whitelist	Apr 20, 2017
📄 LICENSE	Create LICENSE	Jul 2, 2015
📄 README.md	Add bcal	Apr 21, 2017
📄 README_ZH-CN.md	Merge pull request #200 from changyuheng/pr-plugin-fz	Apr 20, 2017

📖 **README.md**

Awesome Shell 👓 awesome

A curated list of awesome command-line frameworks, toolkits, guides and gizmos. Inspired by awesome-php. This awesome collection is also available on Unix-Shell.ZEEF.com.

- Shells
- Command-Line Productivity
- Customization
- For Developers
- System Utilities
- Downloading and Serving
- Multimedia and File Formats
- Applications
- Games
- Shell Package Management
- Shell Script Development

- Guides
- **Awesome Zsh** 👓 awesome
- **Awesome Fish** 👓 awesome
- Other Awesome Lists

Shells

Choose your base shell.

- bash - GNU Project's shell (Bourne Again SHell)
- fish - Smart and user-friendly command line shell
- xiki - Makes the shell console more friendly and powerful
- xonsh - Python-ish, BASHwards-looking shell language and command prompt
- zsh - Powerful shell with scripting language

Command-Line Productivity

Search, bookmarks, multiplexing, and other tools that make your terminal experience more productive.

- ag - Super fast string search through a directory hierarchy
- aliases - Contextual, dynamic, organized aliases for bash
- aliasme - alias helper to change directory quickly
- autoenv - Directory-based environments
- autojump - A cd command that learns - easily navigate directories from the command line
- bashhub - 🐚 ☐ Bash history in the cloud. Indexed and searchable.
- bashmarks - Directory bookmarks for the shell
- bd - Quickly go back to a parent directory
- boilr - A blazingly fast CLI tool for creating projects from boilerplate templates.

- **boom** - Store links and snippets in the commandline
- **borg** - A terminal based search engine for bash commands
- **Buku** - Powerful command-line bookmark manager
- **byobu** - Text-based window manager and terminal multiplexer
- **commacd** - A faster way to move around in Bash
- **desk** - A lightweight workspace manager for the shell
- **direnv** - An environment switcher for the shell, compare with autoenv
- **enhancd** - ☐ A next-generation cd command with an interactive filter
- **fasd** - Command-line productivity booster, offers quick access to files and directories
- **foxy** - Plain text bookmarks for firefox and surf browsers.
- **fz** - Seamless fuzzy tab completion for z
- **fzf** - A command-line fuzzy finder
- **googler** - Google Search, Google Site Search, Google News from the terminal
- **hhighlighter** - Colorize words in a command output
- **hr** - `<hr />` for your terminal
- **hstr** - Bash History Suggest Box
- **k** - k is a Zsh script to make directory listings more readable, adding Git status, fileweight colors and rotting dates
- **k alias** - get kool aliases (and more) working with a simple one-liner
- **marker** - Bookmark your shell commands
- **nnn** - File browser and disk usage analyzer with excellent desktop integration
- **parallel** - Build and execute shell command lines from standard input in parallel
- **pathpicker** - Accepts inputs like grep, searches, git etc; allows selecting files from the result of the input, which you can then open or provide as argument to a command.
- **percol** - Adds flavor of interactive filtering to the traditional pipe concept of UNIX shell
- **qfc** - File-completion widget for Bash and Zsh
- **rg** - ripgrep is a line oriented search tool that combines the usability of The Silver Searcher with the raw speed of GNU

grep

- [SHML](#) - Style framework for the terminal (Shell Markup Language)
- [slugify](#) - Command that converts filenames and directories to a web friendly format
- [sman](#) - ☐ A command-line snippet manager
- [spark](#) - ▁▁▃▅█ in your shell
- [Shark](#) - ▁▁▃█ Sparkline Generator
- [sheet](#) - Text snippets for the command line
- [spot](#) - Tiny file search utility
- [snips](#) - Commandline tool to manage snippets of code.
- [sshfs](#) - A tool for mounting remote file systems over SSH
- [sshrc](#) - Bring your .bashrc, .vimrc, etc. with you when you SSH
- [sudocabulary](#) - Learn English Vocabulary from your terminal
- [surfraw](#) - browse specific site and search the web from your terminal without browser.
- [thefuck](#) - Fix common shell mistakes by using an easy to remember command
- [tldr](#) - A fully-functional bash client for tldr, simplified and community-driven man pages
- [tmux](#) - Amazing terminal multiplexer
- [up](#) - Ascend directories by name or count, for bash and zsh.
- [v](#) - z for vim.
- [wemux](#) - Multi-User Tmux Made Easy
- [z](#) - z is the new j, yo

Customization

Custom prompts, color themes, etc.

- [base16-shell](#) - Base16 for Shells

- [bash-full-of-colors](#) - Powerful prompt with screen, tmux, git support and many more
- [bash-git-prompt](#) - An informative and fancy Bash prompt for Git users
- [bash-powerline](#) - Powerline-style Bash prompt in pure Bash script
- [bashstrap](#) - A quick way to spruce up OSX terminal
- [bullet-train-oh-my-zsh-theme](#) - ☐ An oh-my-zsh shell theme based on the Powerline Vim plugin
- [emojify](#) Emoji on the command line 😱
- [flatui-terminal-theme](#) - Nicer colors for terminal
- [git-prompt](#) - Bash prompt with Git, SVN and HG modules
- [gittify](#) - A colorful Bash prompt + customized Git aliases
- [Gogh - Color Scheme](#) - Color Scheme for Gnome Terminal
- [liquidprompt](#) - A full-featured & carefully designed adaptive prompt for Bash & Zsh
- [mysql-colorize](#) - Colorization for mysql comand-line client
- [oh-my-git](#) - An opinionated git prompt for bash and zsh
- [sexy-bash-prompt](#) - Bash prompt with colors, Git statuses, and Git branches

For Developers

Command-line development, version control, and deployment.

- [bcal](#) - Byte CALculator for storage conversions and calculations
- [bocker](#) - Docker implemented in 100 lines of bash
- [cloc](#) - Count Lines of Code
- [dokku](#) - Docker powered mini-Heroku. The smallest PaaS implementation you've ever seen.
- [getopts](#) - CLI parser for fish
- [git-extra-commands](#) - Many Git extra utilities. Churn, cut-branch, improved-merge and many more.
- [git-extras](#) - Git utilities -- repo summary, repl, changelog population, author commit percentages and more
- [git-open](#) - Type `git open` to open the GitHub page or website for a repository in your browser

- [git-semver](#) - Git plugin for easing semantic versioning and changelog validation
- [git-sh](#) - A customized Bash environment suitable for Git work
- [git-up](#) - Automatically rebase incoming changes instead of merging. Be polite!
- [hub](#) - hub helps you win at git.
- [mr](#) - Multiple Repository management tool
- [overcommit](#) - A fully configurable and extendable Git hook manager
- [pre-commit](#) - A framework for managing and maintaining multi-language pre-commit hooks
- [repren](#) - Command-line search-and-replace and file-renaming swiss army knife
- [slap](#) - Sublime-like terminal-based text editor that runs on Node.js
- [shipit](#) - Minimalistic SSH deployment
- [starring](#) - Automatically star the npm-packages that you are using on GitHub.

System Utilities

OS-related tools, including system administration, system debugging, and file and process management.

- [atop](#) - ASCII full-screen performance monitor that is capable of reporting the activity of all processes
- [colorex](#) - Displays files or sdtin with pretty colors for matched patterns.
- [progress](#) - Linux tool to show progress for cp, rm, dd, ...
- [glances](#) - Glances an Eye on your system
- [goaccess](#) - GoAccess is a real-time web log analyzer and interactive viewer that runs in a terminal in *nix systems.
- [histstat](#) - History for netstat
- [htop](#) - A ncurses based interactive process viewer which aims to be a better `top`
- [lnav](#) - An advanced log file viewer for the small-scale
- [ls++](#) - Colorized ls on steroids
- [lsp](#) - An improved `ls`, with file descriptions in plain language and intelligent file grouping
- [mtr](#) - The functionality of the 'traceroute' and 'ping' programs in a single network diagnostic tool.

- **ncdu** - NCurses Disk Usage
- **powertop** - Battery/Power usage and device stats monitoring command-line tool, with tune-up options.
- **procdog** - Lightweight command-line control of long-lived processes like servers
- **quick-secure** - Quickly secure and harden UNIX/Linux systems

Downloading and Serving

Self-hosted, lightweight servers and networking tools written in shell scripts.

- **aria2** - aria2 is a lightweight multi-protocol & multi-source, cross platform download utility operated in command-line. It supports HTTP/HTTPS, FTP, BitTorrent and Metalink
- **balls** - Bash on Balls
- **bashttpd** - A web server written in Bash
- **bitpocket** - "DIY Dropbox" or "2-way directory (r)sync with proper deletion"
- **Dropbox-Uploader** - Dropbox Uploader is a Bash script which can be used to upload, download, list or delete files from Dropbox
- **httpie** - HTTPie is a command line HTTP client, a user-friendly cURL replacement
- **ngincat** - Tiny Bash HTTP server using netcat
- **resty** - Little command line REST client that you can use in pipelines
- **youtube-dl** - Small command-line program to download videos from YouTube.com and other video sites

Multimedia and File Formats

Tools for handling video and audio files.

- **adb-export** - Export Android content providers to CSV format
- **Android-Kitchen** - A text-based kitchen for Android ROM customization. Uses shell scripts and works with Cygwin/OS X/Linux

- [Beets](#) - Music library manager and MusicBrainz tagger
- [cmus](#) - Cross-platform cli audio player.
- [gifgen](#) - Simple high quality GIF encoding
- [image-scraper](#) - A cool command line image scraper with a lot of features.
- [imgp](#) - Blazing fast batch image resizer and rotator
- [jq](#) - Sed for json data. You can use it to slice and filter and map and transform structured data
- [mplayer](#) - Lets you play most audio and video formats (using ASCII characters) in the shell as well as in a GUI.
- [nehm](#) - Console tool, which downloads, sets IDv3 tags and adds to your iTunes (if you use it) your SoundCloud likes in convenient way
- [PiCAST](#) - PiCAST turns your $35 Raspberry Pi in to a Chromecast like Device
- [sejda](#) - Command line manipulation of PDF documents (split, merge, rotate, convert to jpg, extract text, etc)
- [xidel](#) - Cli tool to filter, map and create HTML/XML/JSON data with (Turing-complete) XPath and XQuery.
- [xmlstarlet](#) - Old but powerful tool for command-line XML formatting, filtering, and manipulation.

Applications

Command line-based applications or command line access to existing services.

- [ansiweather](#) - Weather in your terminal, with ANSI colors and Unicode symbols
- [bashblog](#) - A Bash script that handles blog posting
- [chooselicense-cli](#) - Choose an OSS license from the comfort of your terminal
- [facy](#) - Command line power tool for facebook
- [fanyi](#) - Translate English to Chinese in terminal
- [geeknote](#) - Command line evernote client
- [haxor-news](#) - Browse Hacker News like a haxor
- [hn-cli](#) - Browse Hacker News from the comfort of your Terminal
- [iponmap](#) - Draw point on world map using ip address

- [isitup](#) - Check whether a website is up or down
- [jrnl](#) - A simple command line journal application that stores your journal in a plain text file
- [ledger](#) - Command line accounting
- [licen](#) - Generate your license. Yet another lice, but implement with Jinja2 and docopt
- [moviemon](#) - Everything about your movies within the command line.
- [pockyt](#) - Read, Manage, and Automate your [Pocket](#) collection.
- [pushblast](#) - Get PushBullet notifications when a shell program exits
- [pushbullet-bash](#) - Bash interface to the PushBullet API
- [Reddit Terminal Viewer](#) - Browse Reddit from your terminal
- [SAWS](#) - A Supercharged AWS CLI
- [taskwarrior](#) - A command-line TODO list manager
- [terjira](#) - Command line power tool for Jira
- [transfer.sh](#) — Quickly upload and share files from your shell
- [vl](#) - URL link checker on text documents
- [wego](#) - Weather app for the terminal
- [whereami](#) - Get your geolocation information from the CLI

Games

All work and no play is a cruddy way to spend your day.

- [bash2048](#) - Bash implementation of 2048 game
- [minesweeper](#) - Bash implementation of minesweeper
- [nudoku](#) - ncurses based sudoku game written in C
- [sedtris](#) - Tetris in sed
- [sed-scripts](#) - Arkanoid and Sokoban written using sed
- [tty-solitaire](#) - Play solitaire in your terminal!

Shell Package Management

Tools for managing multiple shell configurations. For zsh-specific tools, see the Zsh section.

- bash-it - A community Bash framework
- basher - A package manager for shell scripts
- bpkg - JavaScript has npm, Ruby has Gems, Python has pip and now Shell has bpkg
- dotfiler – Shell agnostic git based dotfiles package manager, written in Python.
- fresh - Keep your dotfiles fresh
- homeshick - Git dotfile synchronizer written in Bash
- shundle - Plugin manager for shell scripts
- vcsh - Config manager based on Git
- yadm - Git-based dotfiles manager supporting encryption, alternates, and bootstrapping

Shell Script Development

Tools for writing, improving, or organizing Bash or other shell scripts

- ansi - ANSI escape codes in pure bash - change text color, position the cursor, much more
- assert.sh - Bash unit testing framework
- bashful - A collection of libraries to simplify writing Bash scripts
- bashmanager - mini bash framework for creating command line tools
- bashwithnails - a Bash framework written just for fun with testing, dependency management & packaging
- bats - Bash Automated Testing System
- crash - Proper error handling, exceptions and try/catch for ZSH
- Fishtape - TAP producer and test harness for fish
- composure - Compose, document, version and organize your shell functions
- dispatch - A command line argument parser in 50 lines of portable shell script.

- [is.sh](#) - An alternative for builtin test command, it will make your "if" statements pretty
- [lumberjack](#) - A logging interface for shell scripts
- [mo](#) - Mustache templates in pure bash
- [optparse](#) - A BASH wrapper for getopts, for simple command line arguments.
- [rerun](#) - A modular shell automation framework to organize your keeper scripts
- [revolver](#) - A reusable progress spinner for shell scripts
- [semver_bash](#) - Semantic Versioning in Bash
- [sh-semver] (https://github.com/qzb/sh-semver) - Semver tool for bash - finds versions matching to specified rules
- [shellcheck](#) - Static analysis tool for shell scripts
- [shellfire](#) - A repository of namespaced, composable shell (bash, sh and dash) function libraries
- [shpec](#) - A shell testing framework
- [shutit](#) - Automation framework based on bash and pexpect
- [sub](#) - A delicious way to organize programs
- [ts](#) - A shell test script
- [shunit2](#) - A unit test framework for Bash scripts with a flavour of JUnit/PyUnit.
- [rebash](#) - Scripting library/framework. Features: imports, exceptions, doc-tests ...
- [zunit](#) - A powerful unit testing framework for ZSH

Guides

- [Bash Hackers Wiki](#)
- [Greg Wooledge's (aka "greycat") wiki](#). Specifically [Bash Guide](#), [Bash FAQ](#) and [Bash Pitfalls](#)
- [Google's Shell Style Guide](#)
- [The Linux Documentation Project: Bash Programming - Intro/How-to](#)
- [The Linux Documentation Project: Advanced Bash Scripting Guide](#)
- [WikiBooks: Bash Shell Scripting](#)

- [Use the Unofficial Bash Strict Mode (Unless You Looove Debugging)](#)

- [The Art of Command Line](#)

- [Learn Enough Command Line to Be Dangerous](#)

- [A guide to learn bash](#)

Other Awesome Lists

Other amazingly awesome lists can be found in [awesome-awesome](#) and [awesome-awesomeness](#).

See also

- [awesome-fish](#)

- [awesome-zsh](#)

- [terminals-are-sexy](#)