

Great Stuffs

- [Putting the “You” in CPU](#) - Curious exactly what happens when you run a program on your computer? Read this article to learn how multiprocessing works, what system calls really are, how computers manage memory with hardware interrupts, and how Linux loads executables.
- [Build Your Own X](#) - This repository is a compilation of well-written, step-by-step guides for re-creating our favorite technologies from scratch. "Master programming by recreating your favorite technologies from scratch."
- [Open Source Guide](#) - A guide to open-source development by github

Documentation

- [Zeal Docs](#) - Zeal software is an offline documentation browser for software developers.
| Window, Linux and Mac
- [DevDocs](#) ★ - DevDocs combines multiple API documentations in a fast, organized, and searchable interface. **It contains mostly every language documentation at one place. And allow offline documentation download feature for selected languages**
| Website based so can also use in mobile
- [Rico's cheatsheets](#) ★ - Rico's cheatsheets(DevHints) is modest collection of cheatsheets.
| Website

Learn Regex

- [RegexLearn / RegexOne](#) ★ - Step by step guide
- [regex101 / RegExr](#) ★ - Best for visualizing/testing
- [Awesome Regex](#) - Collection of libraries/tools/frameworks
- [CS50's lecture on regex / Regular Expressions in py4e](#)
- [Regex Crossword](#) - Game
- [Python Regular Expressions](#) - Learn by examples
- [Learn regex the easy way](#) - Beginner guide
- [Regex AI](#) - AI-Powered Regular Expression Solver. Very helpful when dealing with difficult patterns

Usage :

- i. Paste text
- ii. highlight results
- iii. Run it and ai will return regex expression

NOTE : just ask chatgpt yourself lol, most likely they are using it

Guides on YouTube

- [All the Basics](#) - by Luke Smith
- [How to Match Any Pattern of Text](#) - by Corey Schafer
- [Everything You Know About Regexes Is Wrong](#) - by Damian Conway

Tips

- It's a means to an end. Don't waste too much time studying it
- Usage is the best study
- Don't parse HTML with regex
- [Avoid using regex to validate emails](#)
- Best regex to match any email:

```
(?:[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\.(?:[a-z0-9!#$%&'*/=?^_`{|}~-]+)|"(?:[\x01-\x08\x0b\x0c\x0e-\x1f\x21\x23-\x5b\x5d-\x7f]|\\[\x01-\x09\x0b\x0c\x0e-\x7f])_")@(?:((?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?)|([?:(?:25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(?:25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)|[a-z0-9-]\*[a-z0-9]:(?:[\x01-\x08\x0b\x0c\x0e-\x1f\x21-\x5a\x53-\x7f]|\\[\x01-\x09\x0b\x0c\x0e-\x7f])+)\])
```

Books

- [Introducing Regular Expressions](#)
- [Mastering Regular Expressions](#)
- [Regular Expressions Cookbook](#)
- [Regular Expression Pocket Reference](#)
- [Awesome Regex](#)

Shell Scripting

- [Computing from the Command Line](#) - by Sundeep Aggarwal.

Misc

- [A guide for programmers using Git about what to do when things go wrong.](#)
- [Python based CHATGPT with Sorry Ethics Message Bypass](#)
- [Twitter Thread "5 Cool ML Github Repos that will help you learn ML and improve skill" By Akshay](#)