



Algorithm

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Data Structure and Algorithm/leetcode/lintcode

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Introduction

This work is some notes of learning and practicing data structures and algorithm.

1. Part I is some brief introduction of basic data structures and algorithm, such as, linked lists, stack, queues, trees, sorting and etc.
2. Part II is the analysis and summary of programming problems, and most of the programming problems come from <https://leetcode.com/>, <http://www.lintcode.com/>, <http://www.geeksforgeeks.org/>, <http://hihocoder.com/>, <https://www.topcoder.com/>.
3. Part III is the appendix of resume and other supplements.

This project is hosted on <https://github.com/billryan/algorith-exercise> and rendered by [Gitbook](#). You can star the repository on the GitHub to keep track of updates. Another choice is to subscribe channel `#github_commit` via Slack https://ds-algo.slack.com/messages/github_commit/. ~~RSS feed is under development.~~

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To Do

- [] add multiple languages support, currently 繁體中文, 简体中文 are available
- [x] explore nice writing style
- [x] add implementations of `Python`, `C++`, `Java` code
- [x] add time and space complexity analysis
- [x] summary of basic data structure and algorithm
- [x] add CSS for online website <http://algorithm.yuanbin.me>
- [x] add proper Chinese fonts for PDF output

FAQ - Frequently Asked Question

Some guidelines for contributing and other questions are listed here.

How to Contribute?

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Part I - Basics

Data Structure