

## Recursive Runtime Study

Posted on 2016-11-09 | [0 Comments](#)

### Recursive Runtime

#### Multiple Return Recursion

```
1  int func(int n) {
2      if (n <= 1) {
3          return 1;
4      }
5      return f(n-1) + f(n-1);
6  }
```

Take this function as an example, what’s the runtime of this recursive function?

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## Behavioral Questions Guide

Posted on 2016-11-08 | [0 Comments](#)

### Behavioral Questions Guide

(Excerpt From Cracking the Code Interview 6th Edition)

Behavioral questions are asked to get to know your personality, to understand your resume more deeply, and just to ease you into an interview. They are important questions and can be prepared for.

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## LeetCode and HackerRank Challenges

Posted on 2016-11-06 | [0 Comments](#)

### Arrays: Left Rotation

A left rotation operation on an array of size shifts each of the array’s elements unit to the left. For example, if left rotations are performed on array , then the array would become .

Given an array of integers and a number, , perform left rotations on the array. Then print the updated array as a single line of space-separated integers.

Problem at <https://www.hackerrank.com/challenges/ctci-array-left-rotation>

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# The 24 Game Solver Algorithm and Extensions - A Python Approach 24点算法及延伸 - 一个Python解法

Posted on 2016-07-01 | [0 Comments](#)



## Preward

Because I am going to teach at a coding summer camp to middle school kids in Changsha very soon. I have been searching for interesting projects for them to build so they can learn better. And this idea of building a solver for the 24 Game cross my mind. It is rather interesting and takes me actually a lot longer than I expect to finish it. Probably won't give this to them; maybe as a optional challenge.

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## Wiki 框架调研

Posted on 2016-06-21 | [0 Comments](#)

### 大型框架

#### *全能但庞大*

#### Media Wiki (Demo: [萌娘百科](#), [WikiPedia](#))

##### 简要：

大型企业级框架，有些臃肿。Wikipedia就用了这个框架，不过可以在其基础上进行很大程度的自定义。主要基于PHP, MySQL。

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## 马尼拉桌游简介

Posted on 2016-04-20 | [0 Comments](#)

### 马尼拉游戏简介

碰撞、运输、利益都是“马尼拉”这款游戏的内容。它是一款适合3~5人的策略性游戏。游戏中，玩家们的目的，是要沿着海岸线完成货物的运输。但是这却不是简单的任务，过程中，可能会在仓库装卸货物的过程中遇到危险，也可能在运输的过程中遭遇暴风雨而葬身大海。当玩家为自己的成功和失败谋划的时候，未知的命运却由骰子决定。

### 基本信息

游戏人数：3-5人

适合年龄：10岁以上

游戏时间：约60分

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## Summer Plan & Picking up iOS developing?

Posted on 2016-02-29 | [0 Comments](#)

Preword:

A friend of a friend asked me if I could join their team to work on a project and build iOS app for him. Considering iOS is pretty popular and it is never bad to learn some new stuffs, I did some research and got a list of tutorials. Realizing their volumes and my productivity during vacations, I don't know if I could learn it all during the summer.

[Read more »](#)

Trying Out Wacom Bamboo Spark

Posted on 2016-02-22 | [0 Comments](#)

Preword

Yes, I love taking notes with Surface Pro 3. However, I feel I don't really use it much and it is too heavy to carry around. So I have been trying to find a replacement. After doing some research on Amazon, I decide to abuse my prime membership a bit. I ordered bamboo spark (easy return on Amazon is so nice!!! Free 30-day trial on almost everything).

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Python A Dummy Guide

Posted on 2016-02-22 | [0 Comments](#)

A Dummy Guide to Python

Day One: Complete Introduction

What is Python?

Python is a language designed to write computer programs. You may or may not hear of many popular programming languages. For example, there is `C language [One of the hardest language to learn]` , `Java [which is insanely popular but also pretty hard]` , `Basic [the Language for beginners]` , and `JavaScript [Designed for web developing]`.

[Read more »](#)

Dummy Guide：如何使用Shadowsocks科学上网

Posted on 2016-02-02 | [0 Comments](#)

Requirement:


海外服务器一台，一些动手动脑能力

服务器配置:

- 1. 首先需要一台海外服务器， 推荐使用[DigitalOcean](#) (这里用的是我的Referral链接，注册即可获得10刀Credit) 的5刀一月服务器。

P.S: 如果有Edu结尾的邮箱可以去申请[Github Student Developer Pack](#)。里面包含了十几个开发工具和价值50刀的

DigitalOcean Credit链接 (以前有100刀)。




Simple cloud hosting, built for developers

**DETAILS** \$100 in platform credit for new users

Use your offer code on the [DigitalOcean website](#)

Your code: **&I^\$%TKIUGAGITHUB-9bef41a9**

 Help available at [DigitalOcean support](#)

P.S. Edu.cn是无效的。

2. 之后就可以在Digital Ocean建Droplet。因为仅仅是用于翻墙，5刀的Ubuntu plan即可。因为翻墙对服务器压力很小，多余的资源可以原来建个人主页；建议在one-click apps中选择LAMP，可以省去很多大量运行环境的设置或是ghost来做简单的独立博客。

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