Facebook 系统设计真题 2022

本资料由九章算法独家倾情整理

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九章算法，专业的 IT 求职面试培训，团队成员均为硅谷和国内顶尖 IT 企业工程师。

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1. Design Yelp, Point of interests, Nearby Friends (Use Quadtree. This is a read heavy system)

2. Crawler: Crawl by 10k hacked machines with minimum communication between machines, no duplicate crawl, and evenly distribute the load. (A blog explains it in details.)

3. Instagram (Photo uploading, build timeline, followers, this is a read heavy system)

4. Design a translation system (I guess this Product/API design)

5. Design craigslist (User, product catalog, scaling)

6. 图片浏览器 (not sure what this means, but most likely it is Product/API design)

7. Design system for ad click count

8. Design Youtube

9. Design WhatsApp crash log collection and analytic system

10. Design a job scheduler (see async)

11. Design a system to return top hashtag of the feeds with a week (or some period)

12. Typeahead (trie)

13. News Feed

14. Design Dropbox

Below is the framework I summarized:

For design questions, basically you need to follow the software

developer life cycle (SDLC).