

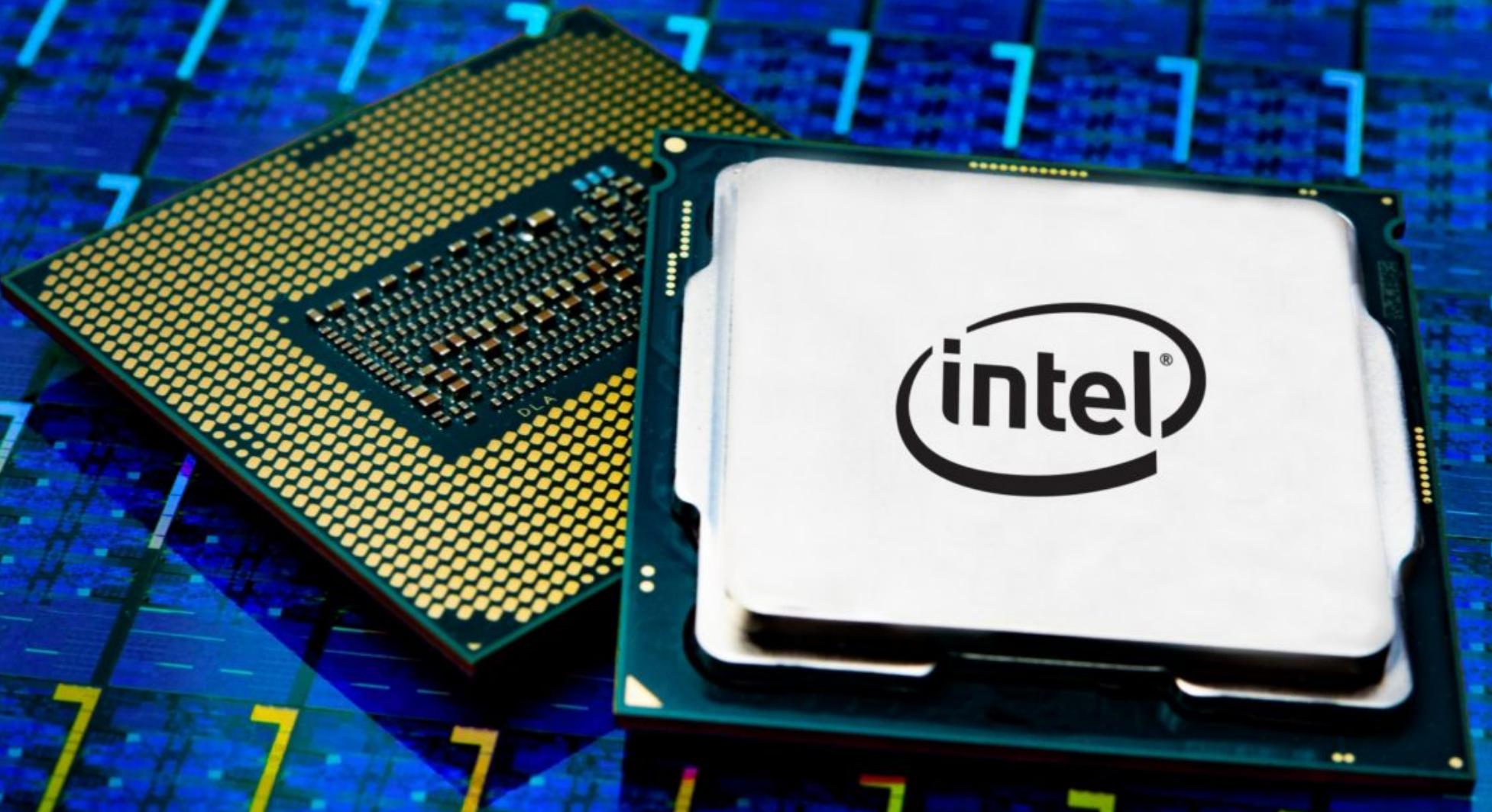
LRU Cache



扫码了解极客时间《算法面试通关40讲》视频课程

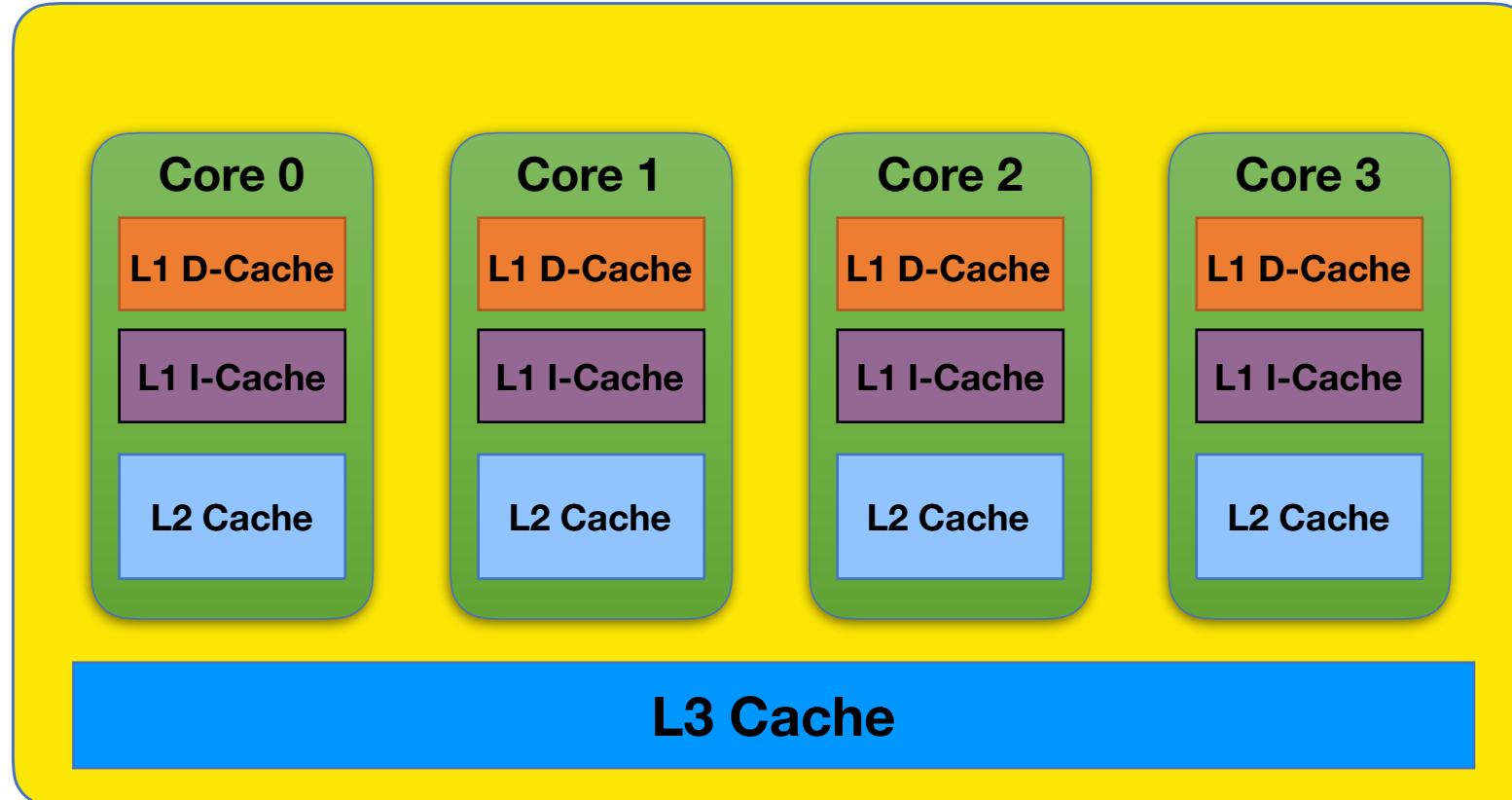
Cache 缓存

1. 记忆
2. 钱包 - 储物柜
3. 代码模块

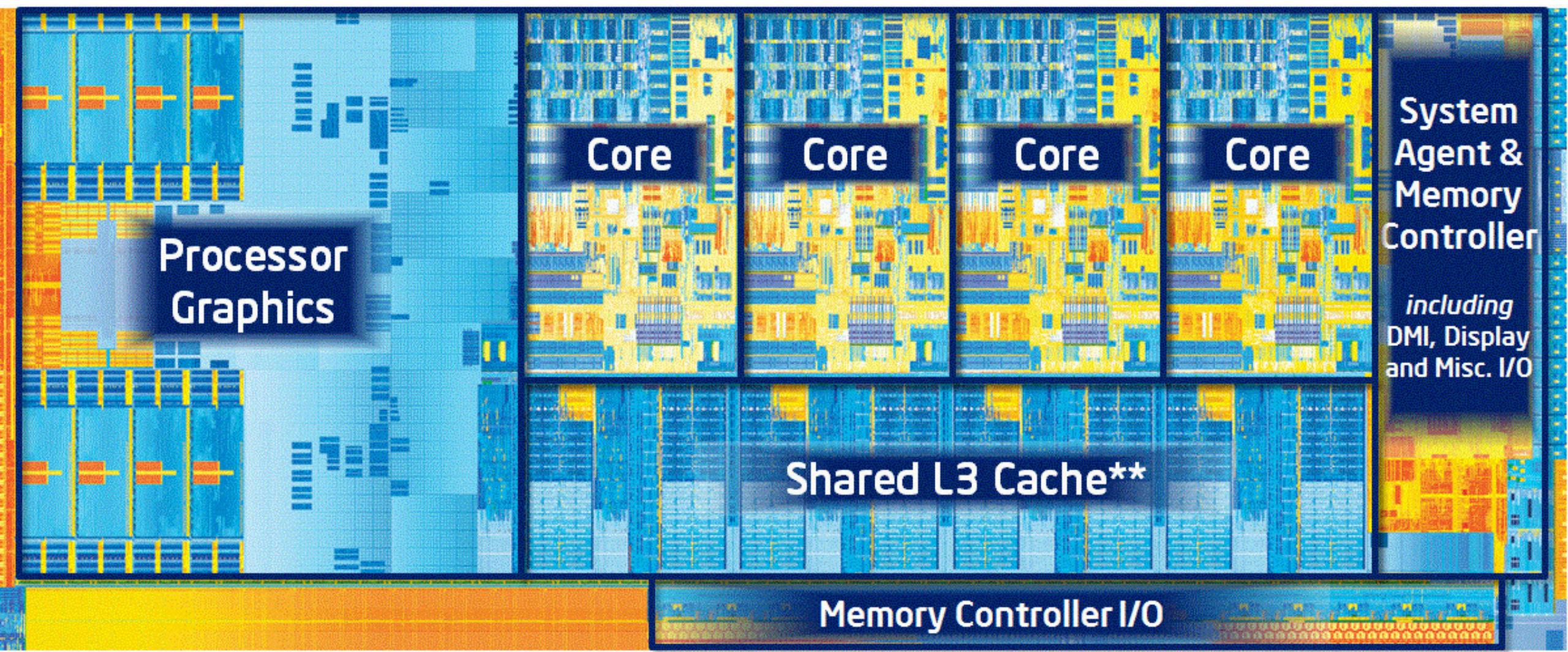




CPU Socket

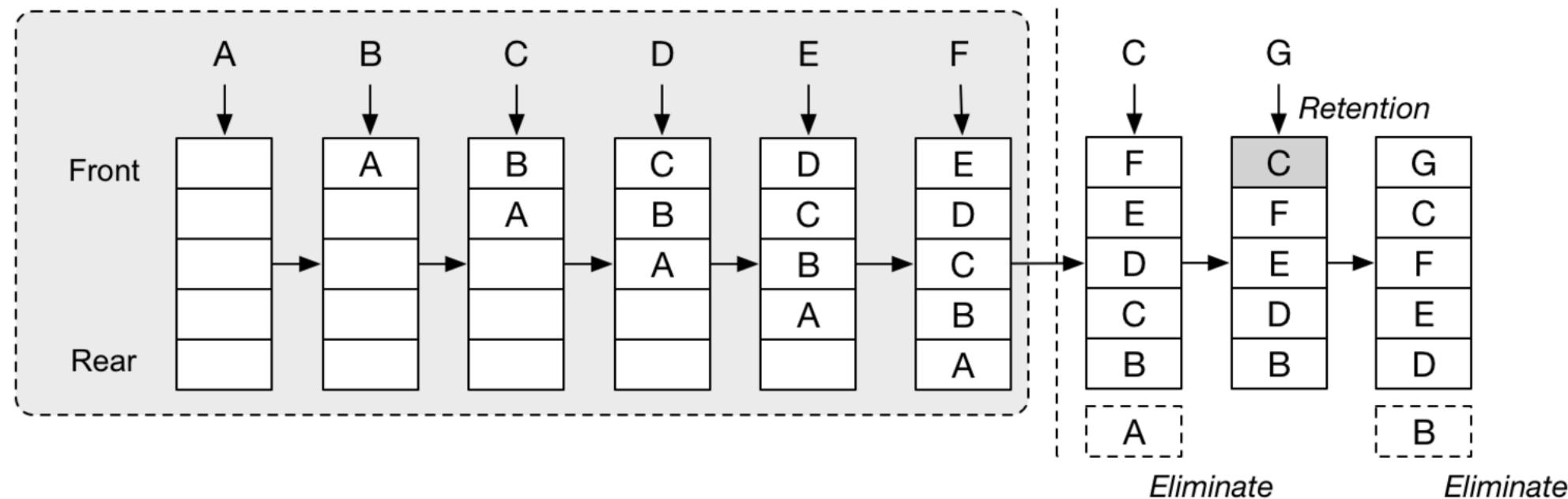


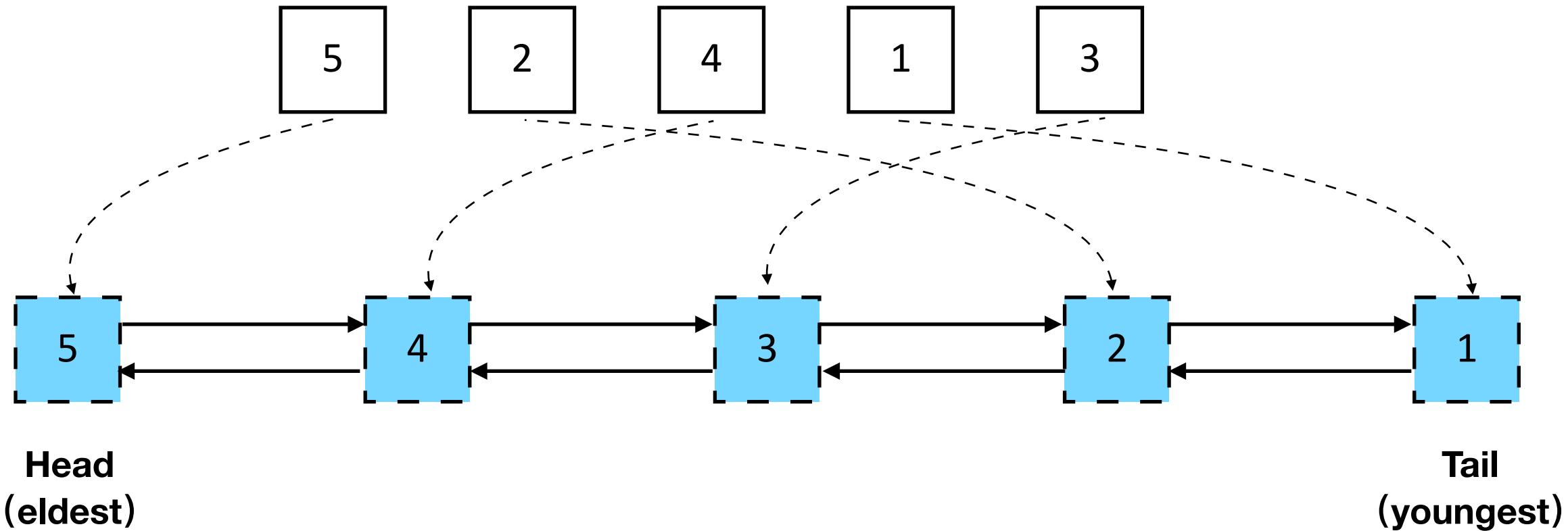
<https://www.sqlpassion.at/archive/2018/01/06/understanding-the-meltdown-exploit-in-my-own-simple-words/>



LRU Cache

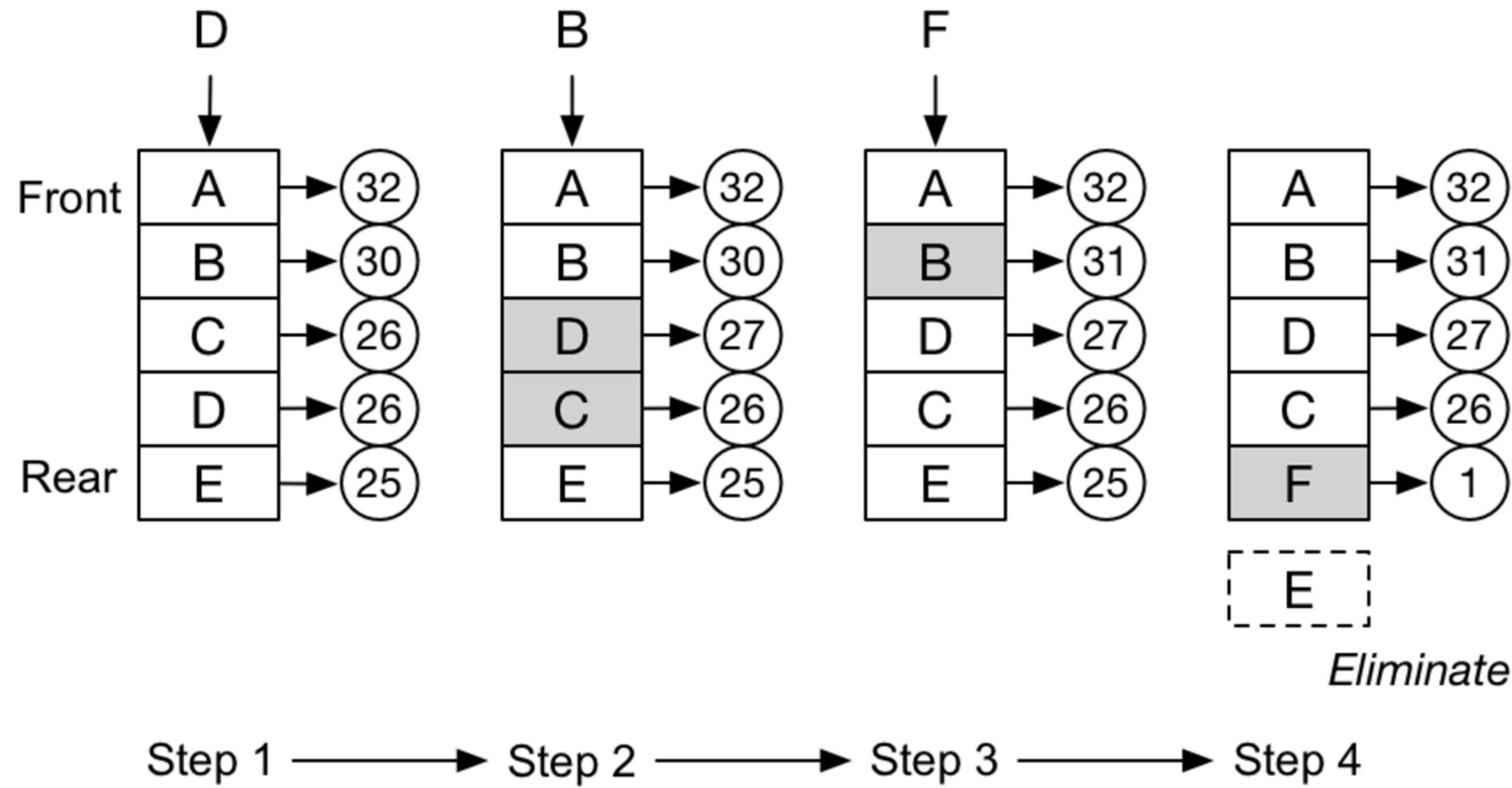
1. Least Recently Used (最近最少使用)
2. Hash Table + Double LinkedList (哈希表+双向链表)
3. $O(1)$ get and $O(1)$ set





LFU Cache

1. LFU - least frequently used (最近最不常用页面置换算法)
2. LRU - least recently used (最近最少使用页面置换算法)



加深阅读

中文页面：

<https://zh.wikipedia.org/wiki/快取文件置換機制>

英文页面：

https://en.wikipedia.org/wiki/Cache_replacement_policies

实战题目

<https://leetcode.com/problems/lru-cache/#/>



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