词典

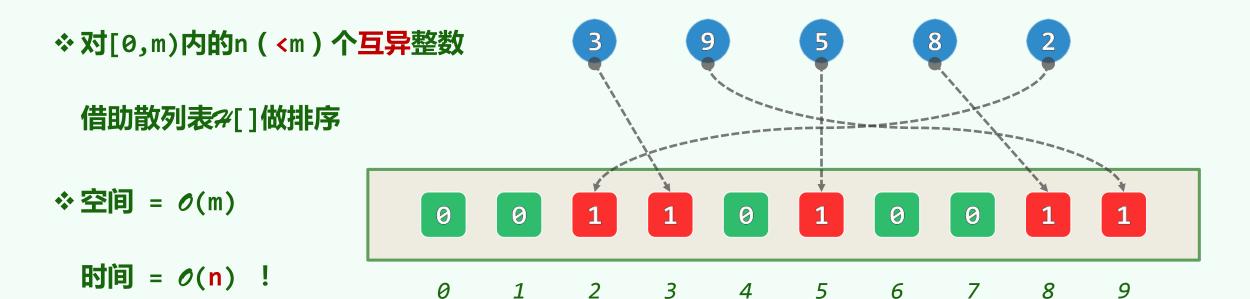
桶排序:算法

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Don't put all your eggs in one basket.

简单情况



- \Leftrightarrow initialization: for i = 0 to m 1, let $\mathscr{P}[i] = 0 //0(m) --> O(1)$
 - distribution: for each key in the input, let $\mathcal{A}[\text{key}] = 1 //o(n)$
 - enumeration: for i = 0 to m 1, output i if $\mathcal{P}[i] = 1 //o(m) --> o(n)$

一般情况

* 若允许重复

(可能m << n)

- * 依然使用散列表
 - 每一组同义词
 - 各成一个链表
- ❖空间 = Ø(m + n)

时间 = O(n) !

