Hash Table

HashMap is built on top of the array of Map.Entry objects. The implementation ensures that this array length is always equal to at least max( size, capacity ) / load\_factor. Default load factor for HashMap is 0.75 and default capacity is 16. Load factor specifies which part of an array could be used for storage and is a value between 0 and 1. The higher is the load factor, the less space is being wasted, but HashMap starts to work slower due to increased rate of collisions. The smaller if the load factor, the more memory is wasted, but the performance of a HashMap is increasing due to smaller possibility of collisions.

25000分成5段

用8000个bucket完成

1- 5000

5001-10000

10001-15000

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