

146. LRU Cache

LRUCache:

d_head : ListNode
d_tail : ListNode

Deque

Most recent
Old

key_to_node : Dict[str, Node]

capacity: int

Node:

key: str

value: int

prev: None | Node

next: None | Node

get():

not in \rightarrow -1

in \rightarrow Acquire node from hashmap

Remove node from deque

Set node as new head

put():

not in \rightarrow Create new node

mp[key] = node

Set node as new head

Check if size > capacity:

Remove tail from deque

del mp[tail.key]