

12-F4

优先级队列

左式堆：插入与删除

一招鲜，吃遍天

良田千顷，不如薄技在身

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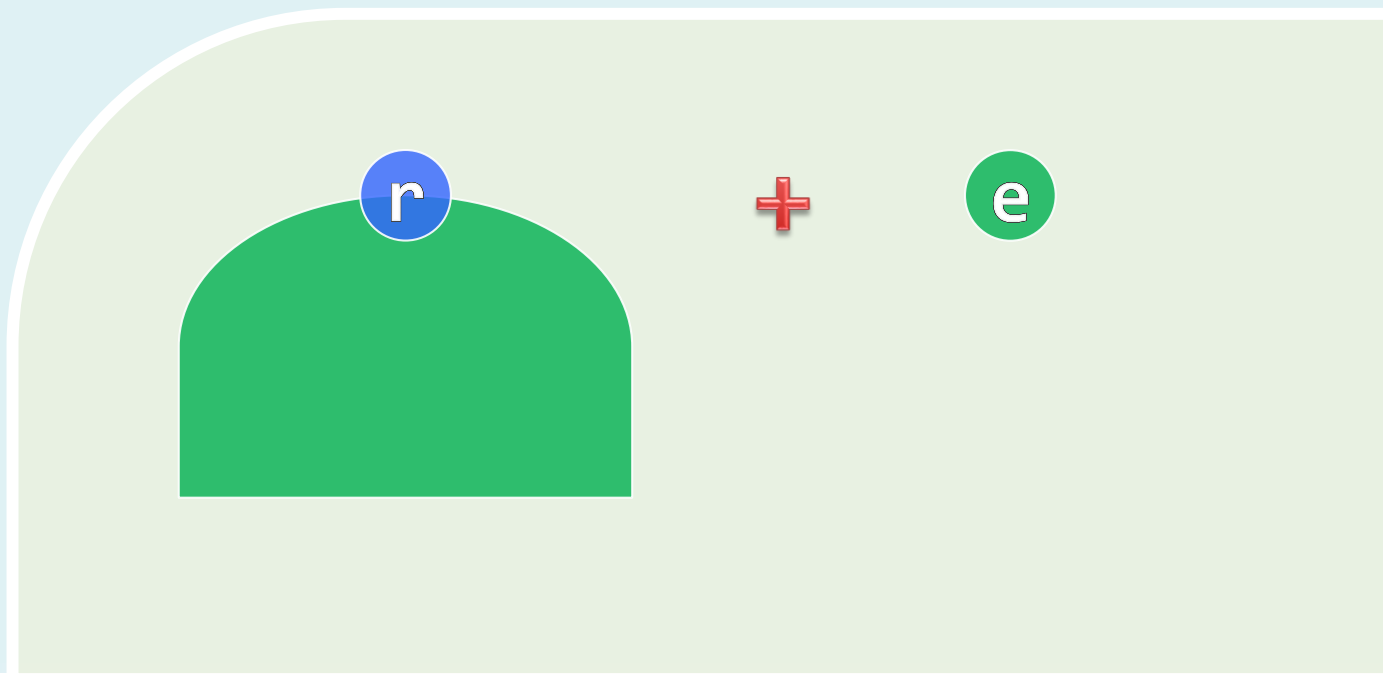
插入

❖ `template <typename T> void PQ_LeftHeap<T>::insert(T e) { //O(logn)`

`_root = merge(_root, new BinNode<T>(e, NULL));`

`_size++;`

`}`



删除

❖ `template <typename T> T PQ_LeftHeap<T>::delMax() { //O(logn)`

`BinNodePosi<T> lHeap = _root->lchild; if (lHeap) lHeap->parent = NULL;`

`BinNodePosi<T> rHeap = _root->rchild; if (rHeap) rHeap->parent = NULL;`

`T e = _root->data;`

`delete _root; _size--;`

`_root = merge(lHeap, rHeap);`

`return e;`

`}`

