12-XB4

优先级队列

左式堆：插入与删除

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一招鲜，吃遍天
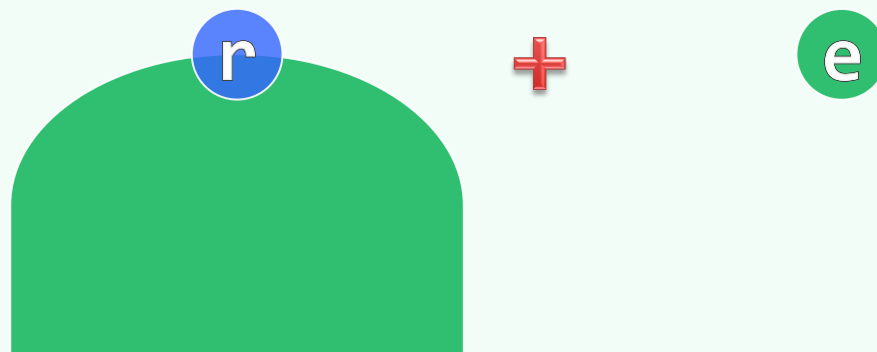
插入

❖ **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->lc; if (lHeap) lHeap->parent = NULL;

    BinNodePosi(T) rHeap = _root->rc; if (rHeap) rHeap->parent = NULL;

    T e = _root->data; delete _root; _size--;

    _root = merge(lHeap, rHeap);

    return e;

}