

## 3. 列表

无序列表：删除

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❖ `template <typename T> //删除合法位置p处节点，返回其数值`

```
T List<T>::remove( Posi(T) p ) { //O(1)
```

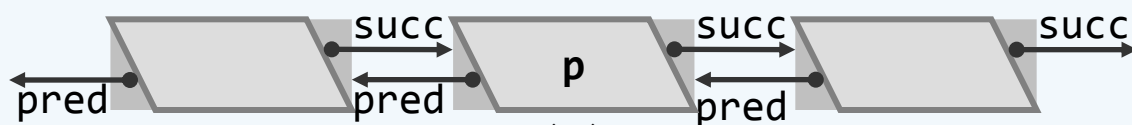
```
    T e = p->data; //备份待删除节点数值（设类型T可直接赋值）
```

```
    p->pred->succ = p->succ;
```

```
    p->succ->pred = p->pred;
```

```
    delete p; _size--; return e; //返回备份数值
```

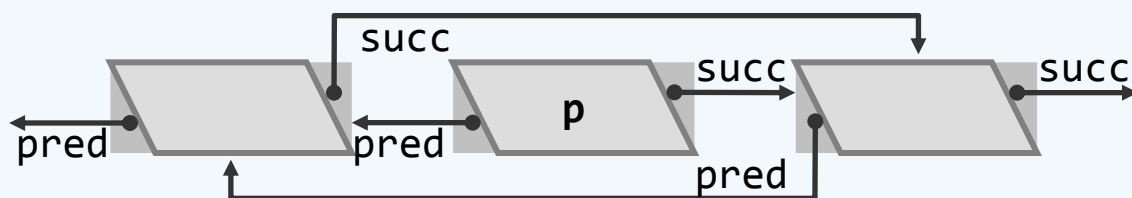
```
}
```



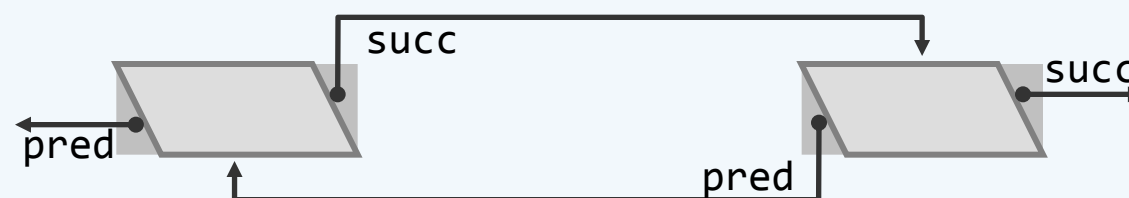
(a)



(d)



(b)



(c)