

3. 列表

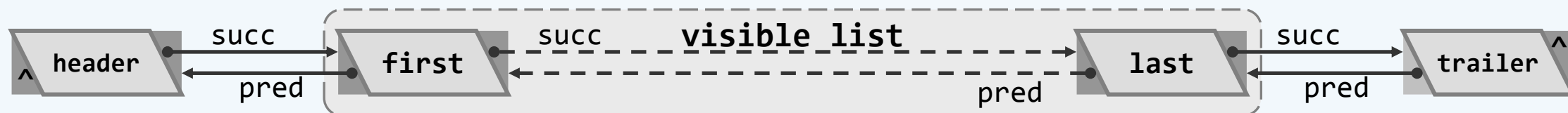
无序列表：析构

邓俊辉

deng@tsinghua.edu.cn

❖ `template <typename T> List<T>::~~List() //列表析构`
`{ clear(); delete header; delete trailer; } //清空列表，释放头、尾哨兵节点`

❖ `template <typename T> int List<T>::clear() { //清空列表`
`int oldSize = _size;`
`while (0 < _size) //反复删除首节点，直至列表变空`
`remove(header->succ);`
`return oldSize;`
`} //O(n)，线性正比于列表规模`



❖ 若 `remove(header->succ)` 改作 `remove(trailer->pred)` 呢？