



Local pointers: curNode, target, nextNode

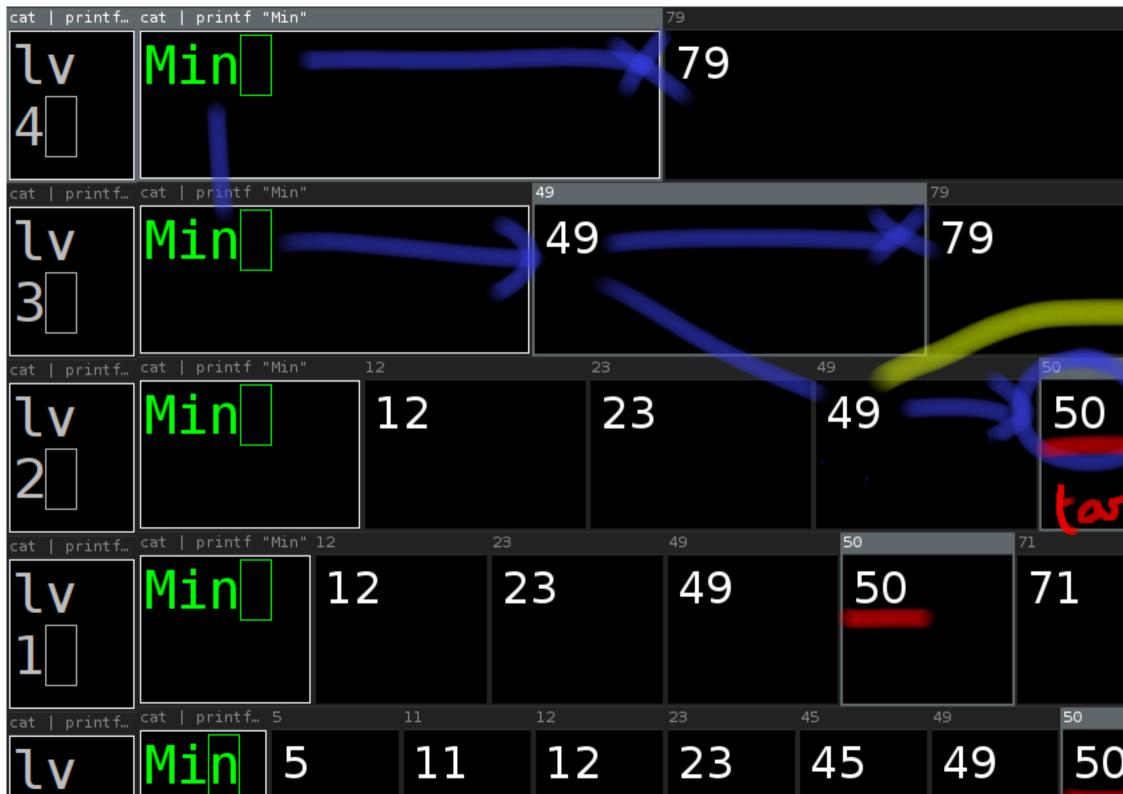
Find target (and its highest level), mark it for each level:

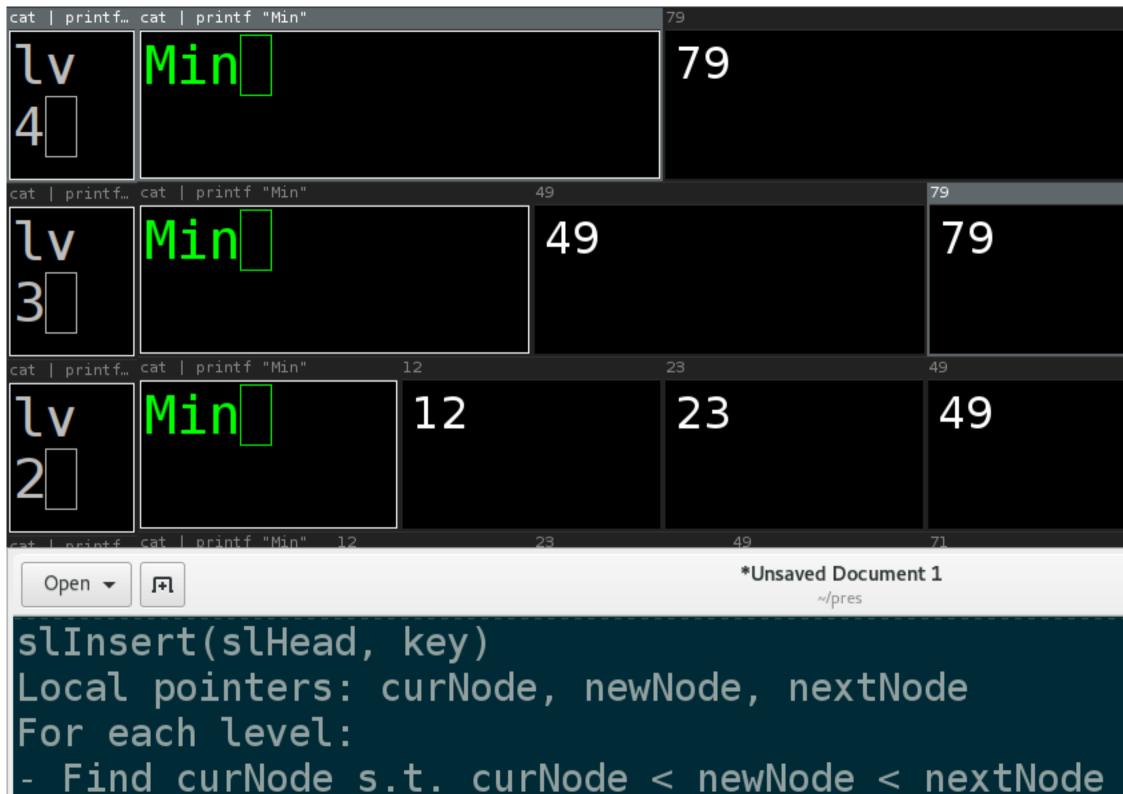


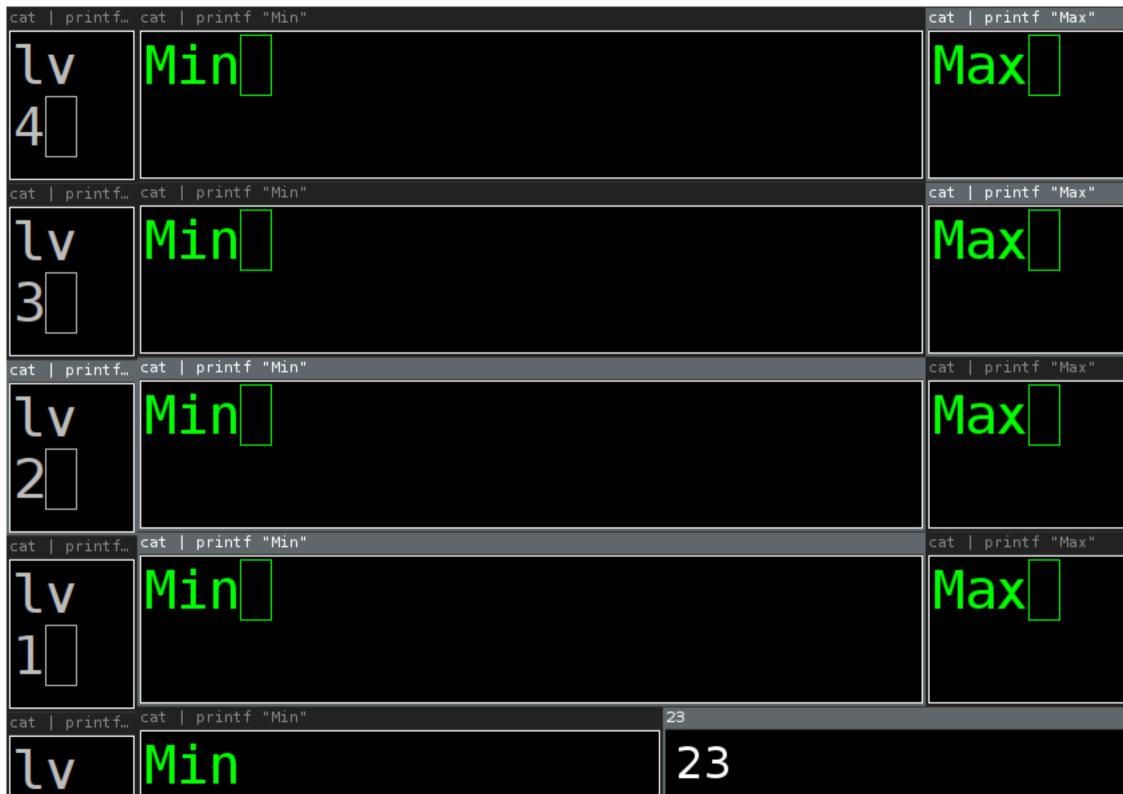
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Find target (and its highest level), mark it for each level:









```
slInsert(slHead, key)
Local pointers: curNode, newNode, nextNode
For each level:
- Find curNode s.t. curNode < newNode < nextNode
- Set curNode->next to newNode if curNode->next =
// CAS fails if curNode->next has been marked
         or nextNode is no longer next
Failure? Find curNode and nextNode again using cu
Repeated failure? Reset curNode
eg:
cur cur->next next
                                  new
5
                  10
set new->next to next
cur cur->next
                   next
                                  new new->
                                          ->
CAS(curnode->next, nextnode, newnode)
```

