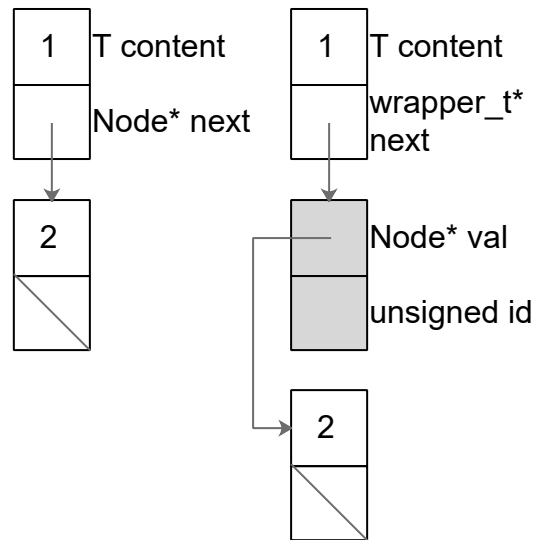


Data value	Node* val
Version of data	unsigned id

(a) ABA prevention wrapper (wrapper_t)

Address storing pointer to old wrapper	wrapper_t** addr
Pointer to old wrapper	wrapper_t* old
New value	Node* new

(b) Modification log (MogLog)



(c) ABA prevention via pointer indirection

RCU data	Node *head, *tail
Version number	unsigned count
Base version, i.e., version of the RCU struct this operation begins with	unsigned id
Pointer to RLU logs	atomic<vector<ModLog*>> modlogs
Nodes to delete	vector<Node*> nodes

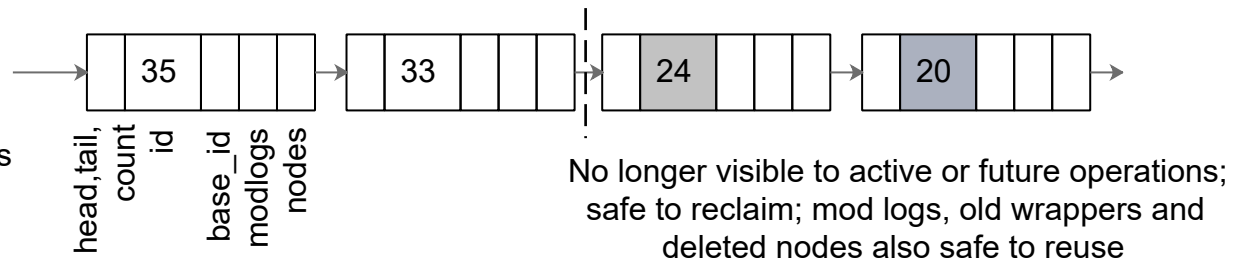
(d) RCU struct (List_state)

Thread ID	
Pool of wrappers	→ List of allocated wrapper blocks → List of reclaimed wrappers
Pool of Nodes	→ List of allocated node blocks → List of reclaimed nodes
Pool of RCU structs	→ List of allocated RCU struct blocks → List of reclaimed RCU structs → List of retired RCU structs

(e) Thread local memory pool

1	2	3	4	...	n	Thread ID
32	49	27	36	...	44	Base version

(f) Activity array (the oldest loaded version is 27)



(g) List of retired RCU structs (structs at the front are always newer)