

api.h

init_db / shutdown_db

Index Manager APIs

log_util.h

Print Functions for
Debugging

bpt.h

Page Loader/Saver,
Checker, Updater

Find

Insertion

Deletion

file_util.h

TableManager

FileUtil

file.h

Disk Space Manager APIs

page.h

Constants,
Type definitions

page_t

HeaderPage
(header, free)

NodePage (leaf, internal)

page_header_t

Record

Edge

Tests

api_test

file_test

page_test

test_util

api.h

init_db / shutdown_db

Index Manager APIs

log_util.h

Print Functions for
Debugging

bpt.h

Page Loader/Saver,
Checker, Updater

Find

Insertion

Deletion

buffer.h

Buffer Storage

Buffer Structure

Index Allocator

Page Index Mapper

Buffer Controller

Buffer Manager
APIs

file_util.h

TableManager

FileUtil

file.h

Disk Space Manager APIs

page.h

Constants,
Type definitions

page_t

HeaderPage
(header, free)

NodePage (leaf, internal)

page_header_t

Record

Edge

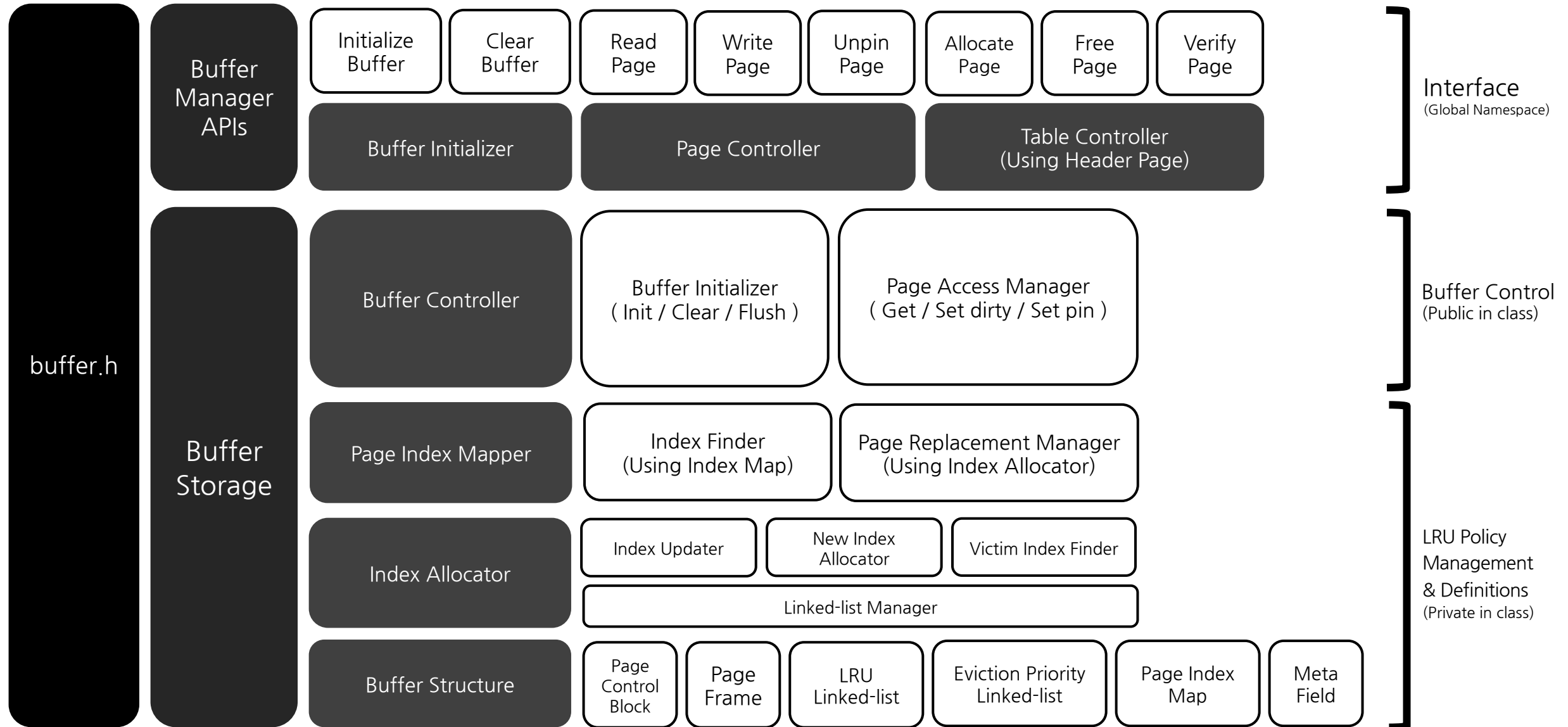
Tests

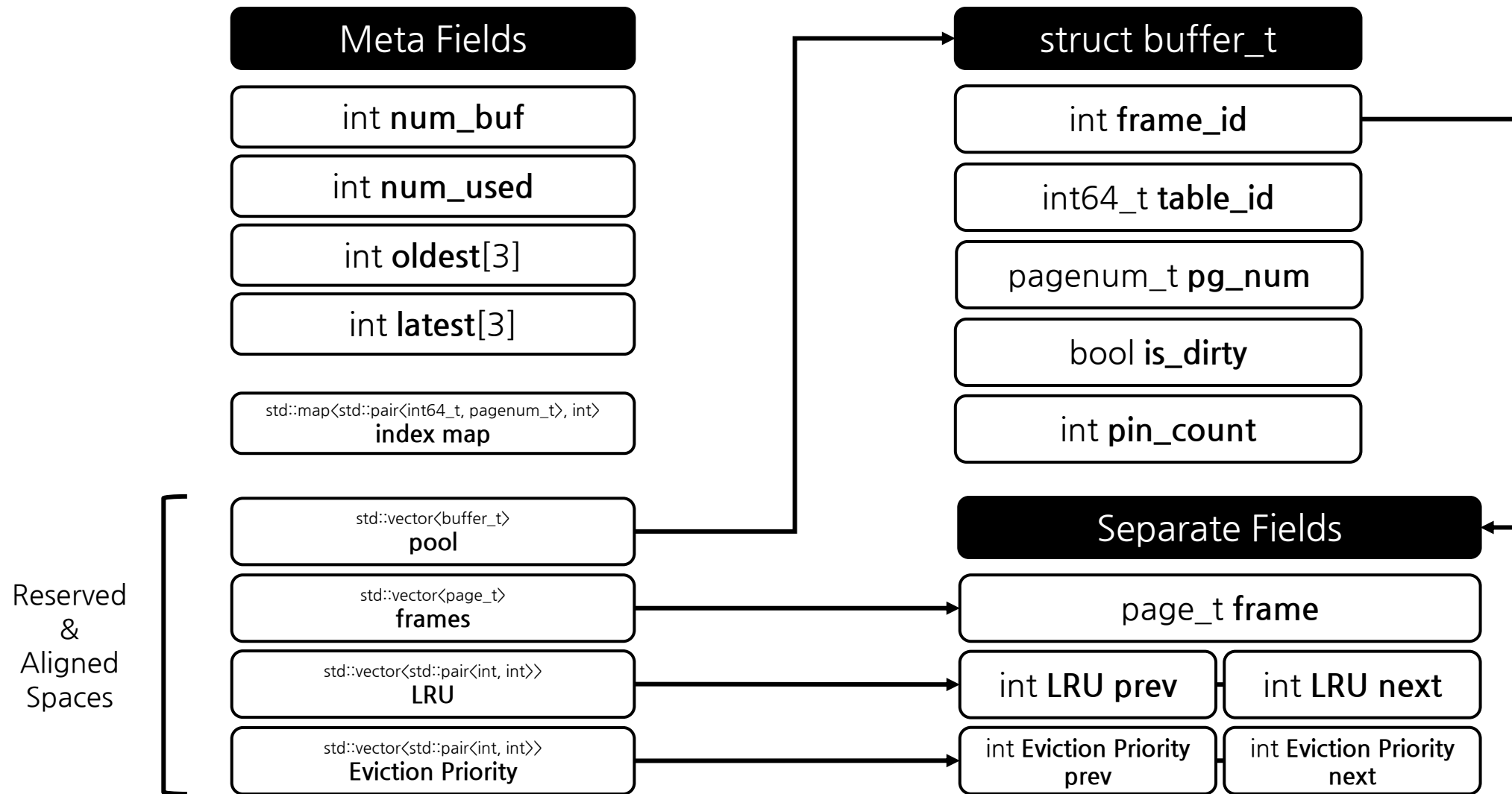
api_test

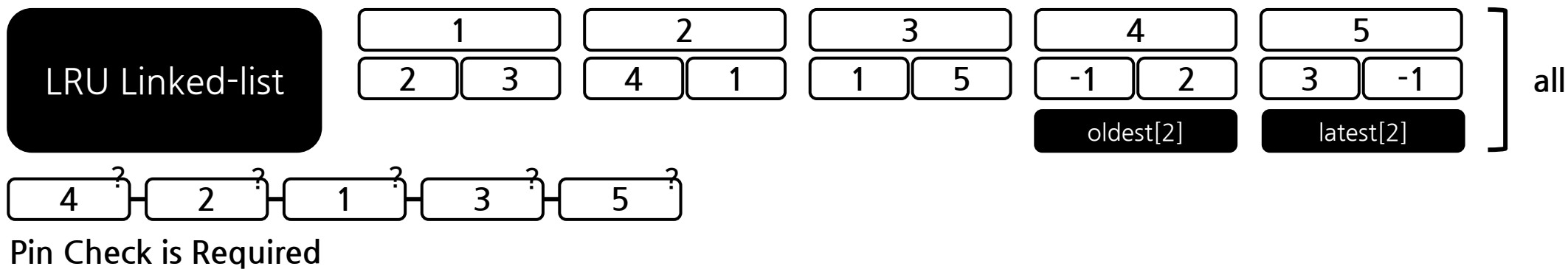
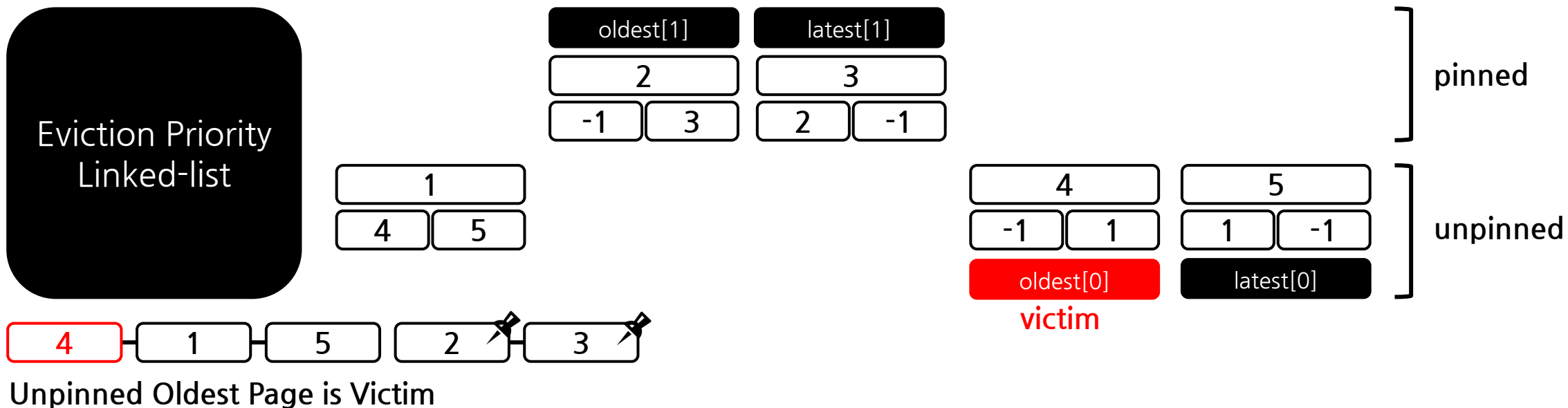
file_test

page_test

test_util







Lock Table APIs

init_lock_table lock_acquire lock_release

Global Variables

lock_table_t lock_table pthread_mutex_t lock_table_latch

Hash Function

Lock Structure

lock_t* prev

lock_t* next

lock_table_entry_t* sentinel

pthread_cond_t* cond

Lock Table Entry

append_lock

remove_lock

int64_t table_id

int64_t key

lock_t* tail

lock_t* head