Buffer

buffer_num
block_number
data
hash_next
hash_prev
free_next
free_prev
status

__init__
set_awaited
is_old
set_old
get_awaited
set_buf_num
get_buf_num
get_status
is_locked
set_locked
set_status
is_delayed_write
set_buffer_delayed
get_block_number
set_block_number
get_hash_next
get_hash_prev
set_hash_next
set_hash_prev
get_free_next
get_free_prev
set_free_next
set_free_prev

HashQueue

no_of_buffers
block_range
hash_queues
no_free_buffers
free_list_header
no_of_hash_queues

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add_to_hq
get_bfr_from_bfr_num
get_buf_num_from_blk_num
__str__
rem_buffer_from_free_list
add_to_free_list_end
add_at_end_hq
is_buffer_in_free_list
is_free_list_empty
_generate_hq
search_block_in_hq
add_to_free_list_beg
rem_buffer_from_hash_queue
__init__
_generate_buffers

BufferCache

this_buffer_required_num
any_awaited_count
delayed_write_list
this_buffer_required
clr
any_buffer_required
hash_queue

---

get_any_awaited_count
__str__
getblk
set_any_awaited_count
is_this_buffer_required
__init__
is_buffer_in_delayed_write_list
is_block_no_valid
is_any_buffer_required
set_this_buffer_required
get_delayed_write_element
set_any_buffer_required
brelse

Clr

RED
MAGENTA
YELLOW
BOLD
UNDERLINE
GREEN
CYAN
END
WHITE
BLUE

__init__

ProcessList

clr
all_processes
no_of_active_processes

---

get_no_of_active_processes
print_process_list
is_name_duplicate
_generate_processes
__str__
is_any_buffer_assigned
add_process
_get_unused_process_name
del_process
get_waiting_type
get_block_requested
release_buffer
__init__

Process

block_requested
status
waiting_type
buffer_assigned
name
clr

__str__
set_status
get_assigned_buffer
get_status
__init__