```
[log of unit tests, no errors encountered]
test utils::tests::test zero conversion ... ok
test utils::tests::test_biguint_u256_conversion ... ok
test utils::tests::test biguint with msb conversion ... ok
test result: ok. 4 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running tests/integration.rs (target/debug/deps/integration-ea096663f039bed6)
running 5 tests
test batch transfer ... ignored
test comprehensive_test ... ignored
test full_exit_test ... ignored
test nft test ... ignored
test simple transfer ... ignored
test result: ok. 0 passed; 0 failed; 5 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running tests/unit.rs (target/debug/deps/unit-ec9699499bf9a440)
running 21 tests
test primitives_with_vectors::test_signature ... ok
test signatures_with_vectors::test_mint_nft_signature ... ok
test signatures with vectors::test forced exit signature ... ok
test signatures_with_vectors::test_transfer_signature ... ok
test test tokens cache ... ok
test utils with vectors::test fee packing ... ok
test utils_with_vectors::test_formatting ... ok
test utils with vectors::test token packing ... ok
test signatures_with_vectors::test_change_pubkey_signature ... ok
test wallet_tests::test_wallet_account_id ... ok
test wallet tests::test wallet account info ... ok
test wallet_tests::test_wallet_address ... ok
test wallet_tests::test_wallet_ethereum ... ok
test wallet tests::test wallet get balance committed not existent ... ok
test wallet_tests::test_wallet_get_balance_committed ... ok
test wallet tests::test wallet get balance verified not existent ... ok
test signatures with vectors::test withdraw nft signature ... ok
test wallet_tests::test_wallet_get_balance_verified ... ok
test wallet_tests::test_wallet_refresh_tokens ... ok
test wallet tests::test wallet is signing key set ... ok
test signatures with vectors::test withdraw signature ... ok
test result: ok. 21 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 5.68s
```

Running unittests (target/debug/deps/zksync_api-ddd994181c724ec1)

```
running 39 tests
test api_server::rest::forced_exit_requests::v01::tests::test_disabled_forced_exit_requests ...
test api_server::rest::forced_exit_requests::v01::tests::test_forced_exit_requests_get_fee ...
ignored
test api server::rest::forced exit requests::v01::tests::test forced exit requests submit ...
ianored
test
api server::rest::forced exit requests::v01::tests::test forced exit requests wrong tokens
number ... ignored
test api server::rest::v02::account::tests::accounts scope ... ignored
test api server::rest::v02::block::tests::blocks scope ... ignored
test api server::rest::v02::config::tests::config scope ... ignored
test api_server::rest::v02::fee::tests::fee_scope ... ignored
test api server::rest::v02::status::tests::status scope ... ignored
test api server::rest::v02::token::tests::tokens scope ... ignored
test api_server::rest::v02::transaction::tests::transactions_scope ... ignored
test api server::rpc server::ip insert middleware::tests::insert ip test ... ok
test api_server::rpc_server::ip_insert_middleware::tests::insert_ip_incorrect_call_test ... ok
test
api server::rpc server::ip insert middleware::tests::prevent user from overriding metadat
a ... ok
test api_server::rpc_server::test::tx_fee_type_serialization ... ok
test api_server::tx_sender::tests::test_scaling_user_fee_by_5_percent ... ok
test api server::tx sender::tests::test scaling user fee by one cent ... ok
test api_server::web3::tests::block_number ... ignored
test api server::web3::tests::create logs ... ignored
test api server::web3::tests::erc20 calls ... ignored
test api_server::web3::tests::erc721_calls ... ignored
test api server::web3::tests::get balance ... ignored
test api server::web3::tests::get block ... ignored
test api_server::web3::tests::get_block_transaction_count ... ignored
test api server::web3::tests::get logs ... ignored
test api server::tx sender::tests::test scaling user fee by two ... ok
test api server::web3::tests::get transaction by hash ... ignored
test api server::web3::tests::get transaction receipt ... ignored
test api_server::web3::tests::ipfs_cid ... ignored
test api server::web3::tests::static methods ... ignored
test eth checker::tests::actual data check ... ok
test fee ticker::tests::test zero price token fee ... ok
test fee_ticker::tests::test_ticker_subsidy ... ok
test fee_ticker::ticker_api::coinmarkercap::test::parse_coinmarket_cap_responce ... ok
test eth checker::tests::test eip1271 ... ok
test fee_ticker::validator::tests::check_tokens ... ok
test fee ticker::ticker api::coingecko::tests::test coingecko api ... ok
test fee_ticker::ticker_api::coinmarkercap::test::test_fetch_coinmarketcap_data ... ok
test fee_ticker::tests::test_ticker_formula ... ok
```

```
test result: ok. 16 passed; 0 failed; 23 ignored; 0 measured; 0 filtered out; finished in 0.30s
  Running unittests (target/debug/deps/dev liquidity token watcher-bc54077100b80bfa)
running 2 tests
test tests::get volume for blacklisted ... ok
test tests::get_volume_for_whitelisted ... ok
test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/dev_ticker_server-2f3b2c073cc8b55a)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_api_client-b3fefebb7204095c)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync api types-66617d7b6914cb83)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_balancer-5ebc3900ee130439)
running 1 test
test tests::load_balance ... ok
test result: ok. 1 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_basic_types-5b8f758d20439f0f)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync circuit-3b564fb48fec2aac)
running 76 tests
test exit circuit::test::test zksync exit circuit correct proof ... ignored
test exit_circuit::test::test_zksync_exit_circuit_nft_token_correct_proof ... ignored
test witness::tests::change_pubkey_offchain::test_change_pubkey_offchain_nonzero_fee ...
ignored
```

```
test
witness::tests::change_pubkey_offchain::test_change_pubkey_offchain_old_signature_succ
ess ... ignored
test witness::tests::change_pubkey_offchain::test_change_pubkey_offchain_success ...
test witness::tests::change pubkey offchain::test incorrect change pubkey account ...
test witness::tests::change pubkey offchain::test incorrect change pubkey signature ...
ianored
test witness::tests::composite test ... ignored
test witness::tests::corrupted_first_operation ... ignored
test witness::tests::corrupted_intermediate_operation ... ignored
test witness::tests::corrupted last operation ... ignored
test witness::tests::corrupted_validator_audit_path ... ignored
test witness::tests::deposit::test_deposit existing_account ... ignored
test witness::tests::deposit::test_deposit in empty_leaf ... ignored
test witness::tests::deposit::test_deposit_zero_address ... ignored
test witness::tests::deposit::test incorrect deposit address ... ignored
test witness::tests::forced_exit::corrupted_ops_input ... ignored
test witness::tests::forced exit::test forced exit old signature success ... ignored
test witness::tests::forced exit::test forced exit success ... ignored
test witness::tests::forced exit::test incorrect target ... ignored
test witness::tests::forced exit::test not enough balance ... ignored
test witness::tests::forced exit::test not enough fees ... ignored
test witness::tests::forced exit::test not exact withdrawal amount ... ignored
test witness::tests::forced_exit::test_target_has_key_set ... ignored
test witness::tests::full exit::test full exit failure no account in tree ... ignored
test witness::tests::full exit::test full exit initialted from wrong account owner ... ignored
test witness::tests::full_exit::test_full_exit_nft_success ... ignored
test witness::tests::full exit::test full exit nft with incorrect content hash ... ignored
test witness::tests::full_exit::test_full_exit_nft_with_incorrect_creator_address ... ignored
test witness::tests::full_exit::test_full_exit_success ... ignored
test witness::tests::full exit::test incorrect full exit withdraw amount ... ignored
test witness::tests::mint_nft::test_mint_nft_all_nft_slots_filled ... ignored
test witness::tests::mint nft::test mint nft corrupted ops input ... ignored
test witness::tests::mint nft::test mint nft incorrect fee ... ignored
test witness::tests::mint_nft::test_mint_nft_incorrect_new_token_id ... ignored
test witness::tests::mint nft::test mint nft incorrect serial id ... ignored
test witness::tests::mint nft::test mint nft success ... ignored
test witness::tests::noop::incorrect_circuit_pubdata ... ignored
test witness::tests::noop::test_noop ... ignored
test witness::tests::swap::test self swap ... ignored
test witness::tests::swap::test swap corrupted input ... ignored
test witness::tests::swap::test_swap_failure ... ignored
test witness::tests::swap::test swap incompatible orders ... ignored
test witness::tests::swap::test_swap_limit_orders ... ignored
test witness::tests::swap::test_swap_sign_and_submit ... ignored
test witness::tests::swap::test swap success ... ignored
```

```
test witness::tests::transfer::corrupted ops input ... ignored
test witness::tests::transfer::test_incorrect_transfer_account_from ... ignored
test witness::tests::transfer::test incorrect transfer account to ... ignored
test witness::tests::transfer::test_incorrect_transfer_amount ... ignored
test witness::tests::transfer::test incorrect transfer timestamp ... ignored
test witness::tests::transfer::test transfer old signature success ... ignored
test witness::tests::transfer::test_transfer_replay ... ignored
test witness::tests::transfer::test transfer success ... ignored
test witness::tests::transfer::test transfer to self ... ignored
test witness::tests::transfer::test transfer to self max token id ... ignored
test witness::tests::transfer::test_transfer_with_nft_storage_account_id ... ignored
test witness::tests::transfer::test_transfer_with_nft_token_id_as_a_token_to_process ...
ignored
test witness::tests::transfer_to_new::corrupted_ops_input ... ignored
test witness::tests::transfer to new::test incorrect transfer account from ... ignored
test witness::tests::transfer_to_new::test_incorrect_transfer_account_to ... ignored
test witness::tests::transfer_to_new::test_incorrect_transfer_amount ... ignored
test witness::tests::transfer to new::test incorrect transfer to new timestamp ... ignored
test witness::tests::transfer_to_new::test_transfer_replay ... ignored
test witness::tests::transfer to new::test transfer to new success ... ignored
test witness::tests::withdraw::corrupted ops input ... ignored
test witness::tests::withdraw::test_incorrect_withdraw_account_from ... ignored
test witness::tests::withdraw::test_incorrect_withdraw_amount ... ignored
test witness::tests::withdraw::test_withdraw ... ignored
test witness::tests::withdraw::test withdraw old signature ... ignored
test witness::tests::withdraw::test_withdraw_replay ... ignored
test witness::tests::withdraw nft::test mint and withdraw nft ... ignored
test witness::tests::withdraw nft::test withdraw nft corrupted ops input ... ignored
test witness::tests::withdraw_nft::test_withdraw_nft_with_incorrect_content_hash ... ignored
test witness::tests::withdraw nft::test withdraw nft with incorrect serial id ... ignored
test witness::tests::withdraw_nft::test_withdraw_nft_with_zero_balance ... ignored
test result: ok. 0 passed; 0 failed; 76 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_config-475803a1ca9ea399)
running 21 tests
test configs::api::tests::methods ... ok
test configs::chain::tests::methods ... ok
test configs::database::tests::from env ... ok
test configs::contracts::tests::from_env ... ok
```

test configs::chain::tests::from_env ... ok

test configs::api::tests::from_env ... ok

test configs::eth_sender::tests::methods ... ok test configs::eth_client::tests::from_env ... ok test configs::eth_watch::tests::methods ... ok

test configs::eth sender::tests::from env ... ok

test configs::dev liquidity token watcher::tests::from env ... ok

```
test configs::event_listener::tests::test_bind_addr ... ok
test configs::eth_watch::tests::from_env ... ok
test configs::event listener::tests::from env ... ok
test configs::prover::tests::methods ... ok
test configs::gateway watcher::tests::from env ... ok
test configs::ticker::tests::methods ... ok
test configs::misc::tests::from_env ... ok
test configs::token handler::tests::from env ... ok
test configs::ticker::tests::from env ... ok
test configs::prover::tests::from env ... ok
test result: ok. 21 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.01s
  Running unittests (target/debug/deps/zksync_contracts-ff611db76caef993)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_core-c386dc656f628ed2)
running 43 tests
test eth_watch::tests::test_restore_and_poll ... ok
test eth_watch::tests::test_restore_and_poll_time_lag ... ok
test eth watch::tests::test operation queues time lag ... ok
test eth_watch::tests::test_operation_queues ... ok
test eth watch::tests::test serial id gaps ... ok
test state keeper::root hash calculator::queue::tests::queue functionality ... ok
test state_keeper::root_hash_calculator::queue::tests::queue_notifications ... ok
test state keeper::pending block::tests::basic properties ... ok
test state_keeper::state_restore::tests::tree_restore::cached_state_restore_last_block has
been running for over 60 seconds
test state keeper::state restore::tests::tree restore::cached state restore previous block
has been running for over 60 seconds
test state_keeper::state_restore::tests::tree_restore::no_cache_restore has been running for
over 60 seconds
test state_keeper::state_restore::tests::tree_restore::no_cache_wrong_root has been
running for over 60 seconds
test state keeper::state restore::tests::tree restore::cached state restore last block ... ok
test state keeper::state restore::tests::tree restore::cached state restore previous block
... ok
test state keeper::state restore::tests::tree restore::no cache restore ... ok
test state keeper::state restore::tests::tree restore::no cache wrong root - should panic ...
ok
test state keeper::state restore::tests::tree restore::no cache wrong root previous has
been running for over 60 seconds
test state keeper::state restore::tests::tree restore::verified state wrong root has been
running for over 60 seconds
```

```
test state keeper::state restore::tests::tree restore::with cache wrong root previous has
been running for over 60 seconds
test state keeper::state restore::tests::tree restore::wrong cache has been running for over
60 seconds
test state keeper::state restore::tests::tree restore::no cache wrong root previous -
should panic ... ok
test state keeper::state restore::tests::tree restore::verified state wrong root - should
panic ... ok
test state_keeper::tests::apply_priority_op::not_enough_chunks ... ok
test state keeper::tests::apply priority op::success ... ok
test state_keeper::state_restore::tests::tree_restore::with_cache_wrong_root_previous -
should panic ... ok
test state_keeper::state_restore::tests::tree_restore::wrong_cache - should panic ... ok
test state_keeper::tests::apply_tx::failure ... ok
test state keeper::tests::apply tx::fast withdrawal ... ok
test state keeper::tests::apply tx::success ... ok
test state_keeper::tests::apply_tx::not_enough_chunks ... ok
test state keeper::tests::execute proposed block::chunks to fit three transfers 1 1 2 1
... ok
test state keeper::tests::execute proposed block::fast withdrawal ... ok
test state keeper::tests::execute proposed block::few chunks ... ok
test state_keeper::tests::execute_proposed_block::chunks_to_fit_three_transfers_2_2_1 ...
test state_keeper::tests::execute_proposed_block::few_iterations ... ok
test state keeper::tests::execute proposed block::just enough chunks ... ok
test state_keeper::tests::execute_proposed_block::pending_block_updates ... ok
test state keeper::tests::execute proposed block::pending block diff ... ok
test state keeper::tests::execute proposed block::small ... ok
test state_keeper::tests::execute_proposed_block::transfers_with_different_timestamps ...
ok
test state_keeper::tests::gas_limit::gas_count_change ... ok
test state_keeper::tests::pending_block::correctly_restore_pending_block_timestamp ... ok
test state keeper::tests::pending block::seal pending block ... ok
test state_keeper::tests::pending_block::store_pending_block ... ok
test state keeper::tests::test create incorrect state keeper - should panic ... ok
test state keeper::types::tests::config chunks empty - should panic ... ok
test state_keeper::types::tests::config_chunks_out_of_order - should panic ... ok
test state keeper::types::tests::create config ... ok
test state keeper::tests::gas limit::gas limit reached ... ok
test state keeper::tests::gas limit::batch gas limit ... ok
test state_keeper::tests::gas_limit::gas_limit_sealing ... ok
```

test result: ok. 43 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 626.30s

Running unittests (target/debug/deps/multiplexed_gateway_watcher-d8144c9d9c867cfc)

Running unittests (target/debug/deps/zksync_crypto-24239ed25044ea33)

```
running 20 tests
test convert::tests::fe hex roundtrip ... ok
test convert::tests::fe_bytes_roundtrip ... ok
test merkle tree::parallel smt::tests::test merkle tree insert ... ok
test merkle tree::parallel smt::tests::merkle tree workflow ... ok
test merkle tree::parallel smt::tests::merkle path test ... ok
test merkle_tree::rescue_hasher::test_resue_hash ... ok
test merkle_tree::tests::simulate_transfer_to_new ... ok
test merkle tree::tests::big test ... ok
test primitives::test::test_bit_iterator_e ... ok
test primitives::test::test bits conversions ... ok
test primitives::test::test float conversions ... ok
test primitives::test_get_bits ... ok
test primitives::test::test rescue hash tx msg ... ok
test primitives::test::test_uint_from_bytes ... ok
test serialization::tests::test fr serialize ... ok
test serialization::tests::test optional fr serialize ... ok
test serialization::tests::test vec optional fr serialize ... ok
test merkle_tree::tests::small_input_and_leftmost_leaf ... ok
test merkle tree::tests::small input and middle leaf ... ok
test merkle_tree::tests::test_verify_proof ... ok
```

test result: ok. 20 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 53.32s

Running unittests (target/debug/deps/zksync_data_restore-9cbdd9de0c2efa50)

```
running 14 tests

test contract::default::test::test_failed_full_exit ... ok

test contract::default::test::test_deposit ... ok

test contract::default::test::test_successfull_full_exit ... ok

test contract::default::test::test_close ... ok

test contract::default::test::test_part_exit ... ok

test contract::default::test::test_part_exit ... ok

test contract::default::test::test_transfer ... ok

test contract::default::test::test_change_pubkey_offchain ... ok

test tests::test_run_state_update ... ignored

test tests::test_with_inmemory_storage ... ignored

test contract::v4::test::test_decode_commitment ... ok

test contract::v4::test::test_decode_commitment ... ok

test contract::default::test::test_transfer_to_new ... ok

test tree_state::test::test::update_tree_with_multiple_txs_per_block ... ok

test tree_state::test::test_update_tree_with_one_tx_per_block ... ok
```

test result: ok. 12 passed; 0 failed; 2 ignored; 0 measured; 0 filtered out; finished in 14.98s

```
Running unittests (target/debug/deps/zksync_data_restore-221fd088685e8deb)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_eth_client-0e23ee8d4fc23968)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync eth sender-1003295e4da10526)
running 21 tests
test gas_adjuster::tests::gas_price_limit_average_basis ... ignored
test gas_adjuster::tests::gas_price_limit_restore ... ok
test gas adjuster::tests::gas price limit preservation ... ok
test gas_adjuster::tests::initial_price ... ok
test gas adjuster::tests::initial_upper_gas_limit ... ok
test gas adjuster::tests::lower gas limit ... ok
test tests::basic test ... ok
test gas_adjuster::tests::average_gas_price_stored_correctly ... ok
test tests::deadline block ... ok
test tests::confirmations independence ... ok
test tests::operation_commitment_workflow ... ok
test tests::concurrent operations order ... ok
test tests::operations order ... ok
test tests::stuck_transaction ... ok
test tests::transaction state ... ok
test tests::restore state ... ok
test tx_queue::operation_queue::tests::basic_operations ... ok
test tx queue::tests::basic operations ... ok
test tx_queue::tests::return_popped_empty - should panic ... ok
test tests::transaction_failure - should panic ... ok
test gas_adjuster::tests::gas_price_limit_scaling ... ok
test result: ok. 20 passed; 0 failed; 1 ignored; 0 measured; 0 filtered out; finished in 25.22s
  Running unittests (target/debug/deps/zksync eth signer-4bcb8e21df9c1d30)
running 2 tests
test pk signer::test::test generating signature ... ok
test json_rpc_signer::tests::run_client ... ok
test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.07s
  Running unittests (target/debug/deps/zksync_event_listener-1ee0646577cc7736)
```

```
running 5 tests
test subscriber::filters::block::tests::test block filter ... ok
test subscriber::filters::tests::test_subscriber_filters ... ok
test subscriber::filters::account::tests::test account filter ... ok
test subscriber::filters::tests::test filters deserialize ... ok
test subscriber::filters::transaction::tests::test_transaction_filter ... ok
test result: ok. 5 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_event_listener-76f2329a0c68a28f)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_forced_exit_requests-7cf9686d99f40fa4)
running 5 tests
test eth_watch::test::test_watcher_deleting_old_requests ... ok
test eth watch::test::test watcher restore state ... ok
test eth_watch::test::test_watcher_processing_requests ... ok
test utils::test::test_extract_id_from_amount ... ok
test forced_exit_sender::test::test_forced_exit_sender ... ok
test result: ok. 5 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 3.43s
  Running unittests (target/debug/deps/zksync_gateway_watcher-21be9926acbf7201)
running 3 tests
test multiplexed_gateway_watcher::tests::test_same_depth_block_hash_check ... ok
test multiplexed_gateway_watcher::tests::test_block_incorrect_depth_check ... ok
test multiplexed gateway watcher::tests::test different depth block hash check ... ok
test result: ok. 3 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_mempool-ffe32d19f2a365b6)
running 2 tests
test mempool_transactions_queue::tests::test_priority_queue ... ok
test mempool_transactions_queue::tests::test_mempool_transactions_queue ... ok
test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 3.18s
  Running unittests (target/debug/deps/zksync notifier-a21f91610686e678)
running 0 tests
```

```
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync prometheus exporter-70274ce6dac20db8)
running 2 tests
test tests::calculate volume ... ok
test tests::test_get_volumes ... ok
test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 3.34s
  Running unittests (target/debug/deps/zksync_prover-b5bec5d5c6bae679)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/dummy_prover-f1f1eed0e29bf170)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/plonk_step_by_step_prover-1f3a3465258c176f)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running tests/tests.rs (target/debug/deps/tests-6a5839dee5a18b66)
running 3 tests
test test_shutdown_request ... ok
test test receiving heartbeats ... ok
test test publishing proof ... ok
test result: ok. 3 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 14.54s
  Running unittests (target/debug/deps/zksync_prover_utils-836474d17b306b6b)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_server-d81911abcc830a18)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
```

Running unittests (target/debug/deps/zksync_state-80632693af84396e)

```
running 65 tests
test state::tests::apply account updates success ... ok
test state::tests::delete unexisting account - should panic ... ok
test state::tests::create_two_accounts_with_same_addresses - should panic ... ok
test state::tests::from tree with gaps ... ok
test state::tests::insert account with bigger id ... ignored
test state::tests::mismatched nonce - should panic ... ok
test state::tests::mismatched old balance - should panic ... ok
test state::tests::plasma state reversing updates ... ok
test state::tests::remove not last account - should panic ... ok
test state::tests::test_from_acc_map ... ok
test state::tests::test next free id ... ok
test state::tests::execute txs batch success ... ok
test state::tests::execute_txs_batch_fail_transfers ... ok
test state::tests::execute txs batch fail ... ok
test tests::collect_fee::invalid_account - should panic ... ok
test tests::operations::change pub key::invalid account id ... ok
test tests::operations::change pub key::nonce mismatch ... ok
test tests::operations::close::expected_fail ... ok
test tests::operations::forced exit::insufficient funds ... ok
test tests::operations::forced exit::invalid account id ... ok
test tests::operations::forced exit::nonce mismatch ... ok
test tests::collect_fee::success ... ok
test tests::operations::change_pub_key::success ... ok
test tests::operations::forced exit::unlocked target ... ok
test tests::operations::mint_nft::mint_already_created_nft ... ok
test tests::operations::mint nft::nonce mismatched ... ok
test tests::operations::forced_exit::success ... ok
test tests::operations::priority_ops::deposit_to_existing ... ok
test tests::operations::priority ops::full exit non existent ... ok
test tests::operations::priority_ops::deposit_to_new ... ok
test tests::operations::mint_nft::mint_token_to_new_account ... ok
test tests::operations::priority ops::full exit success ... ok
test tests::operations::swap::equal_tokens ... ok
test tests::operations::swap::not_enough_balance ... ok
test tests::operations::swap::default_recipients ... ok
test tests::operations::mint nft::mint success ... ok
test tests::operations::swap::limit_orders ... ok
test tests::operations::swap::self swap ... ok
test tests::operations::swap::not exact prices ... ok
test tests::operations::swap::wrong_prices ... ok
test tests::operations::swap::pay fee with received ... ok
test tests::operations::transfer::insufficient_funds ... ok
test tests::operations::swap::regular_swap ... ok
test tests::operations::transfer::invalid account id ... ok
```

```
test tests::operations::transfer::nonce_mismatch ... ok
test tests::operations::swap::sign_and_submit ... ok
test tests::operations::transfer::to new failure ... ok
test tests::operations::transfer::to_existing ... ok
test tests::operations::transfer::execute txs batch success transfers ... ok
test tests::operations::withdraw::invalid account id ... ok
test tests::operations::withdraw::insufficient_funds ... ok
test tests::operations::transfer::to new ... ok
test tests::operations::withdraw::nonce mismatch ... ok
test tests::operations::transfer::to self ... ok
test tests::operations::withdraw_nft::insufficient_funds ... ok
test tests::operations::withdraw_nft::invalid_account_id ... ok
test tests::operations::withdraw_nft::nft_does_not_exists ... ok
test tests::operations::withdraw_nft::no_nft_on_balance ... ok
test tests::operations::withdraw nft::nonce mismatch ... ok
test tests::operations::withdraw::success ... ok
test tests::timestamp::invalid_timestamp_valid_from ... ok
test tests::timestamp::invalid timestamp valid until ... ok
test tests::operations::withdraw_nft::success ... ok
test tests::timestamp::batch_invalid_timestamp ... ok
test tests::test tree state ... ok
```

test result: ok. 64 passed; 0 failed; 1 ignored; 0 measured; 0 filtered out; finished in 119.30s

Running unittests (target/debug/deps/zksync storage-56bd4f84cb26e85a)

```
running 76 tests
test listener::test::test_listen_notify ... ignored
test tests::chain::accounts::eth_account_type ... ignored
test tests::chain::accounts::stored accounts ... ignored
test tests::chain::accounts::test_get_account_nft_balance ... ignored
test tests::chain::accounts::test_get_balance ... ignored
test tests::chain::accounts::test get nft owner ... ignored
test tests::chain::block::pending_block_workflow ... ignored
test tests::chain::block::test_block_page ... ignored
test tests::chain::block::test commit rewind ... ignored
test tests::chain::block::test_find_block_by_height_or_hash ... ignored
test tests::chain::block::test_get_block_number_by_hash ... ignored
test tests::chain::block::test_get_block_transactions_hashes ... ignored
test tests::chain::block::test get block transactions page ... ignored
test tests::chain::block::test_incomplete_block_logic ... ignored
test tests::chain::block::test is block finalized ... ignored
test tests::chain::block::test operations counter ... ignored
test tests::chain::block::test_remove_blocks ... ignored
test tests::chain::block::test remove new account tree cache ... ignored
test tests::chain::block::test_remove_old_account_tree_cache ... ignored
test tests::chain::block::test_remove_pending_block ... ignored
test tests::chain::block::unconfirmed transaction ... ignored
```

```
test tests::chain::mempool::collect_garbage ... ignored
test tests::chain::mempool::contains_and_get_tx ... ignored
test tests::chain::mempool::remove txs ... ignored
test tests::chain::mempool::store_load ... ignored
test tests::chain::mempool::store load batch ... ignored
test tests::chain::mempool::test get batch info from mempool ... ignored
test tests::chain::mempool::test_return_executed_txs_to_mempool ... ignored
test tests::chain::operations::aggregated operations ... ignored
test tests::chain::operations::duplicated operations ... ignored
test tests::chain::operations::executed operations ... ignored
test tests::chain::operations::executed_priority_operations ... ignored
test tests::chain::operations::priority_ops_hashes ... ignored
test tests::chain::operations::remove_rejected_transactions ... ignored
test tests::chain::operations::test_remove_eth_unprocessed_aggregated_ops ... ignored
test tests::chain::operations::test remove executed priority operations ... ignored
test tests::chain::operations::transaction resent ... ignored
test tests::chain::operations_ext::account_last_tx_hash ... ignored
test tests::chain::operations ext::account transactions count ... ignored
test tests::chain::operations_ext::block_last_tx_hash ... ignored
test tests::chain::operations_ext::get_account_transactions ... ignored
test tests::chain::operations ext::get account transactions history ... ignored
test tests::chain::operations_ext::get_account_transactions_history_from ... ignored
test tests::chain::operations_ext::get_batch_info ... ignored
test tests::chain::operations_ext::get_tx_sequnecner_id ... ignored
test tests::chain::operations ext::test getting swap for acc ... ignored
test tests::chain::operations_ext::tx_data ... ignored
test tests::chain::operations ext::tx data for web3 ... ignored
test tests::chain::operations ext::tx receipt ... ignored
test tests::chain::operations_ext::web3_receipts ... ignored
test tests::chain::state::low level commit verify state ... ignored
test tests::chain::state::state_diff ... ignored
test tests::chain::state::test_get_mint_nft_update ... ignored
test tests::chain::state::test remove account updates ... ignored
test tests::config::test_load_config ... ignored
test tests::data restore::last watched block ... ignored
test tests::ethereum::ethereum empty load ... ignored
test tests::ethereum::ethereum_gas_update ... ignored
test tests::ethereum::ethereum_storage ... ignored
test tests::ethereum::ethereum unprocessed ... ignored
test tests::ethereum::test_update_eth_parameters ... ignored
test tests::event::test_account_events ... ignored
test tests::event::test_block_events ... ignored
test tests::forced exit requests::delete old requests ... ignored
test tests::forced_exit_requests::get_oldest_unfulfilled_request ... ignored
test tests::misc::stored subsidy ... ignored
test tests::prover::test_prover_job_queue ... ignored
test tests::prover::test_remove_proofs ... ignored
test tests::prover::test remove prover jobs ... ignored
```

```
test tests::prover::test_remove_witnesses ... ignored
test tests::prover::test_store_witness ... ignored
test tests::tokens::test market volume ... ignored
test tests::tokens::test_nfts_with_factories ... ignored
test tests::tokens::test_ticker_price ... ignored
test tests::tokens::tokens storage ... ignored
test utils::test::address_store_roundtrip ... ok
test result: ok. 1 passed; 0 failed; 75 ignored; 0 measured; 0 filtered out; finished in 0.02s
  Running unittests (target/debug/deps/zksync_test_account-6e651e7c4d660c0d)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/zksync_testkit-61f370874630bbcf)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/block_sizes_test-5f5aa9ec1b9b3e90)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/exodus_test-9af47bdcdd640db2)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/gas_price_test-5543a16321c7c5a9)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/migration_test-2c9fcde5f7e268d7)
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
  Running unittests (target/debug/deps/revert_blocks_test-4b3ec62bfc76652a)
```

running 0 tests test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s Running unittests (target/debug/deps/testkit_tests-122c76a63fc88c2c) running 0 tests test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s Running unittests (target/debug/deps/zksync_token_db_cache-7f041b62ddaaff12) running 0 tests test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s Running unittests (target/debug/deps/zksync_types-71374f9a25fe2836) running 62 tests test account::test::is_default_account ... ok test account::test::is deeply equal account ... ok test account::test::test_account_updates ... ok test account::test::test default account ... ok test helpers::test::detect_unpackable ... ok test helpers::test::pack to closest packable ... ok test helpers::test_roundtrip ... ok test helpers::test::token like serialization ... ok test account::test::test account update ... ok test operations::mint_nft_op::tests::public_data ... ok test operations::withdraw nft op::tests::public data ... ok test priority_ops::tests::backward_compatibility::empty_vector_deserialized_into_zero_hash ... ok test gas counter::tests::gas counter ... ok test priority_ops::tests::backward_compatibility::new_roundtrip_unchanged ... ok test priority_ops::tests::backward_compatibility::old_deserializes_to_new ... ok test priority ops::tests::backward compatibility::old serializes the same as new ... ok test priority_ops::tests::backward_compatibility::short_vector_deserialization_padding ... ok test tests::block::test get eth encoded root ... ok test gas counter::tests::commit and verify cost ... ok test tests::block::test get eth public data ... ok test tests::block::test_get_withdrawals_data ... ok test tests::block::test get eth witness data ... ok test tests::hardcoded::operations test::test eth witness ... ok test tests::hardcoded::operations_test::test_public_data_conversions_change_pubkey ... ok

test tests::hardcoded::operations_test::test_public_data_conversions_deposit ... ok test tests::hardcoded::operations_test::test_public_data_conversions_full_exit ... ok test tests::hardcoded::operations_test::test_public_data_conversions_forced_exit ... ok

test tests::hardcoded::operations test::test public data conversions noop ... ok

```
test tests::hardcoded::operations test::test public data conversions mint nft ... ok
test tests::hardcoded::operations_test::test_public_data_conversions_transfer ... ok
test tests::hardcoded::operations test::test public data conversions withdraw ... ok
test tests::hardcoded::operations_test::test_public_data_conversions_swap ... ok
test tests::hardcoded::operations test::test public data conversions withdraw nft ... ok
test tests::hardcoded::operations test::test withdrawal data ... ok
test tests::hardcoded::test_priority_op_from_valid_logs ... ignored
test tests::hardcoded::tx conversion test::test convert to bytes forced exit ... ok
test tests::hardcoded::tx conversion test::test convert to bytes change pubkey ... ok
test tests::hardcoded::tx conversion test::test convert to bytes mint nft ... ok
test tests::hardcoded::tx_conversion_test::test_convert_to_bytes_transfer ... ok
test tests::hardcoded::tx_conversion_test::test_convert_to_bytes_withdraw ... ok
test tests::hardcoded::tx conversion test::test convert to bytes withdraw nft ... ok
test tokens::tests::token_like_is_eth ... ok
test tokens::tests::token like to case insensitive ... ok
test tokens::tests::tx fee type deserialize ... ok
test tokens::tests::tx_fee_type_deserialize_old_type ... ok
test tests::hardcoded::tx conversion test::test convert to bytes swap ... ok
test tx::primitives::tests::test_empty_batch ... ok
test tx::primitives::tests::test batch message ... ok
test priority ops::tests::backward compatibility::big vector cannot be deserialized - should
panic ... ok
test tx::tests::eth_sign_data_compatibility ... ok
test tx::tests::test ethereum signature sign ... ok
test tx::tests::test ethereum signature verify with serialization ... ok
test tx::tests::test_ethereum_signature_verify_examples ... ok
test tests::block::no_supported_block_size - should panic ... ok
test tx::tests::test check signature ... ok
test tx::tests::test_print_mint_nft_for_protocol ... ok
test tx::tests::test print change pub key for protocol ... ok
test tx::tests::test_musig_rescue_signing_verification ... ok
test tx::tests::test_print_transfer_for_protocol ... ok
test tx::tests::test print withdraw nft for protocol ... ok
test tx::tests::test_print_withdraw_for_protocol ... ok
test tx::tests::test_print_swap_for_protocol ... ok
test result: ok. 61 passed; 0 failed; 1 ignored; 0 measured; 0 filtered out; finished in 6.17s
  Running unittests (target/debug/deps/zksync utils-cd57557a5d59ccd3)
running 10 tests
test env tools::test::test env tools ... ok
test convert::test::test round precision ... ok
test convert::test::test_ratio_to_big_decimal ... ok
test convert::test::test big decimal to ratio ... ok
test format::test::test_format_units ... ok
test serde_wrappers::test::test_ratio_serialize_as_decimal ... ok
test serde wrappers::test::test serde big uint pair ... ok
```

```
test serde_wrappers::test::test_serde_big_uint_wrapper ... ok
test macros::tests::resolves_after_timeout ... ok
test macros::tests::retries_given_fut ... ok
test result: ok. 10 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.13s
  Running unittests (target/debug/deps/zksync_witness_generator-babfe367e0bcab3a)
running 2 tests
test tests::prover_server::test_api_client ... ignored
test witness_generator::tests::test_next_witness_block ... ok
test result: ok. 1 passed; 0 failed; 1 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests db test macro
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests loadnext
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests vlog
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync api
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync api client
running 0 tests
```

```
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_api_types
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_balancer
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_basic_types
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_circuit
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_config
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_contracts
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_core
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_crypto
running 4 tests
```

test src/serialization.rs - serialization::VecOptionalFrSerde (line 111) ... ok

```
test src/serialization.rs - serialization::FrSerde (line 27) ... ok
test src/serialization.rs - serialization::OptionalFrSerde (line 69) ... ok
test src/serialization.rs - serialization::VecFrSerde (line 159) ... ok
test result: ok. 4 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 2.47s
 Doc-tests zksync_data_restore
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_eth_client
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_eth_sender
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_eth_signer
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_event_listener
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_forced_exit_requests
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
 Doc-tests zksync_gateway_watcher
running 0 tests
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s
```

```
Doc-tests zksync_mempool
```

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_notifier

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_prometheus_exporter

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_prover

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_prover_utils

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_state

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_storage

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_test_account

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

```
Doc-tests zksync_testkit
```

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_token_db_cache

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_types

running 2 tests

test src/account/pubkey_hash.rs - account::pubkey_hash::PubKeyHash::from_hex (line 62)

test src/account/pubkey_hash.rs - account::pubkey_hash::PubKeyHash::as_hex (line 46) ... ok

test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 2.92s

Doc-tests zksync_utils

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Doc-tests zksync_witness_generator

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

MacBook-Pro:zksync work\$