Proof of stake using the SDK

All proof of stake functionality will be find within thenamada_sdk::proof_of_stake module.

Thenamada_impl object is assumed to have been constructed as described in thesetting up a client section. // We assume we have a namada_impl object that is already initialized

let bond_tx_builder = namada_impl

. new_bond (validator_address . clone (), amount) . source (source_address . clone ()) . signing_keys (vec! [source_public_key]);

let (mut bond_tx, signing_data) = bond_tx_builder . build (& namada_iml) .await . expect ("unable to build bond");

namada_impl . sign (&mut bond_tx, & bond_tx_builder . tx, signing_data, default_sign, (),) .await . expect ("unable to sign reveal bond");

let tx = namada_iml . submit (bond_tx, & bond_tx_builder . tx) .await ; That will submit the bond transaction to the network.

Similar proof of stake transactions such asnew_unbond ,new_redelegation ,new_claim_rewards andnew_withdraw are also available in the SDK.

Constructing transfers Governance