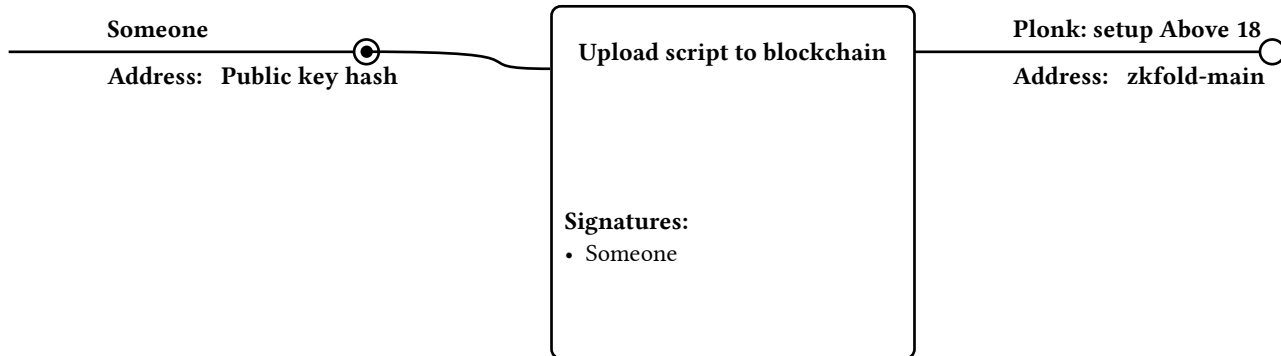


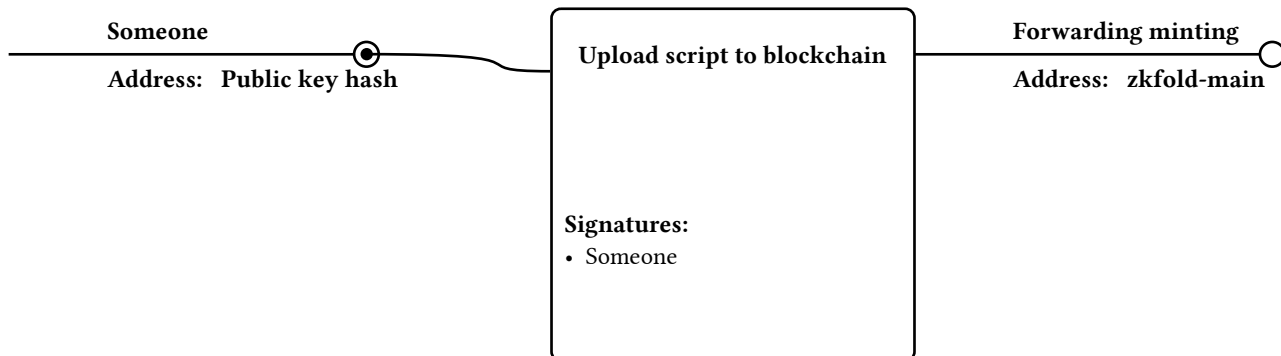
End-to-end test for the Plonk verifier

A ZK-KYC example: Alice wants to mint and send Bob a token that represents a proof of some statement about Bob.

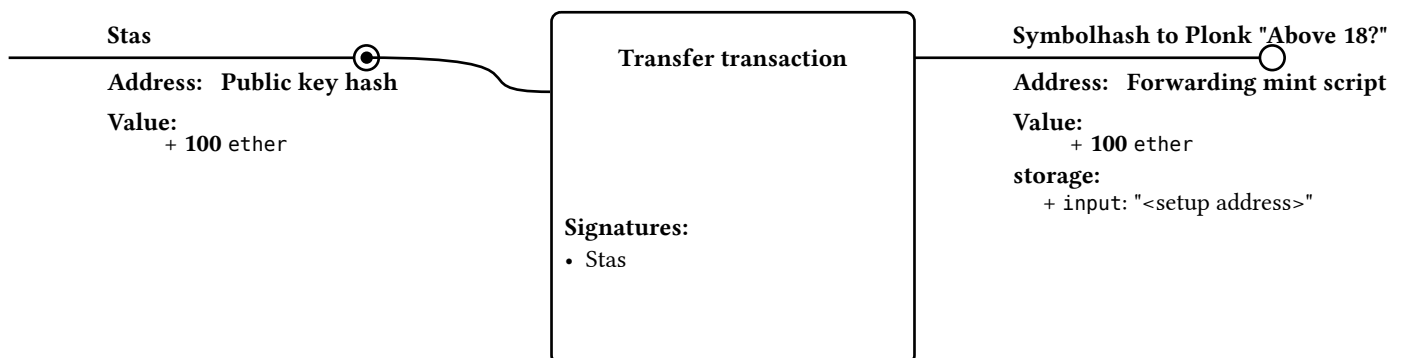
- The first transaction is a setup that needs to be performed only once for this application;
- In the second transaction, Alice minting tokens and sends ether + tokens to Bob;
- In the third transaction, Bob burning tokens.



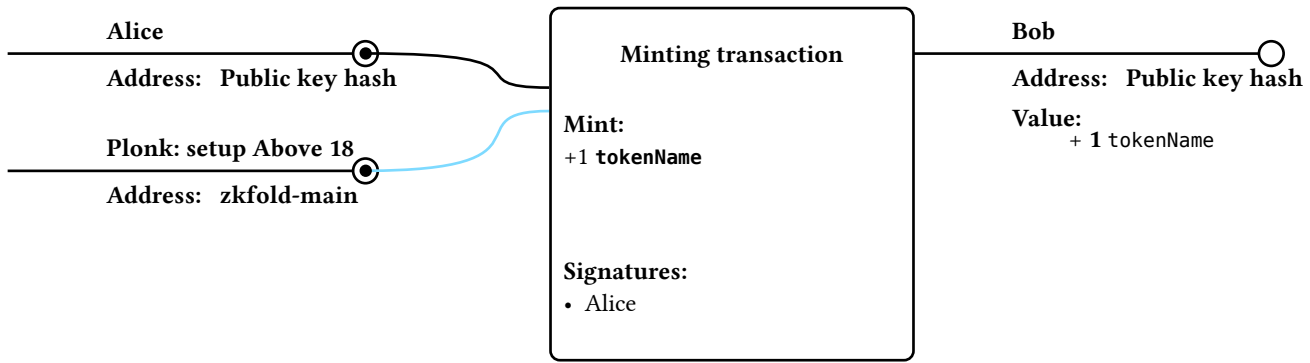
Note: Someone posts the Plonk verifier script on-chain.



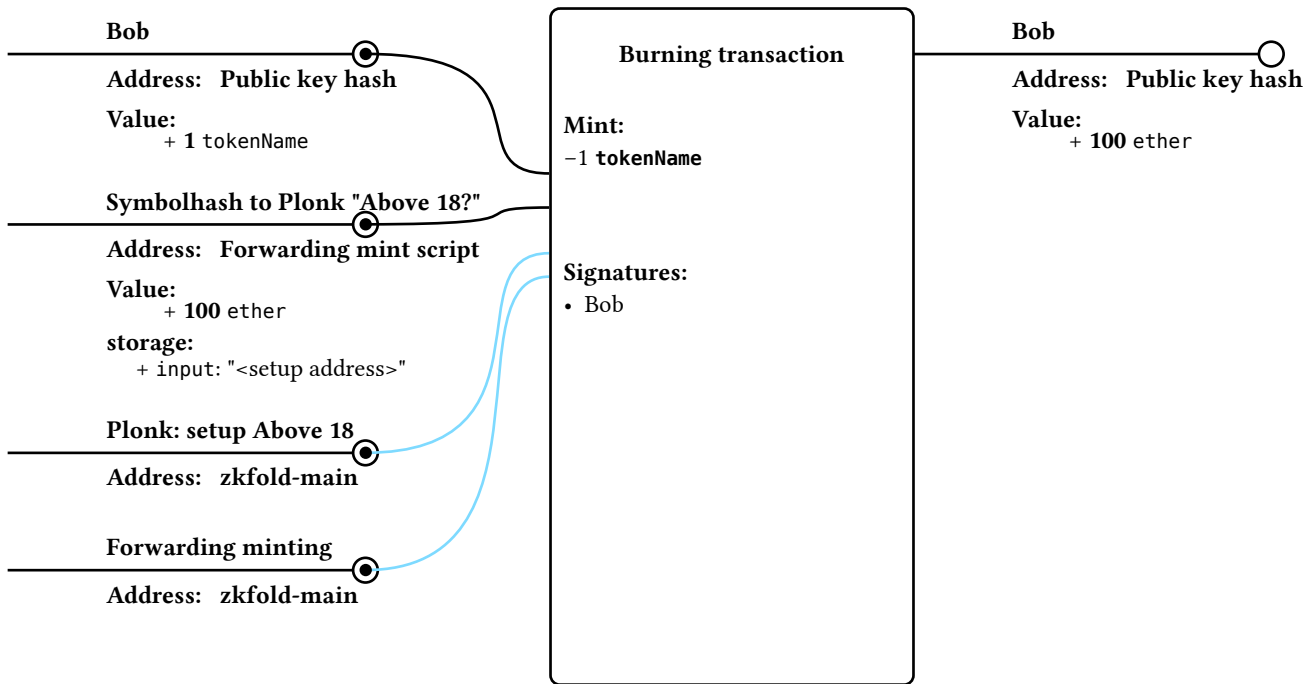
Note: Someone posts the Plonk verifier script on-chain.



Note: Stas sends ether to a smart contract address.



Note: Alice sends ether and plonk tokens to Bob.



Note: Bob burn plonk tokens.