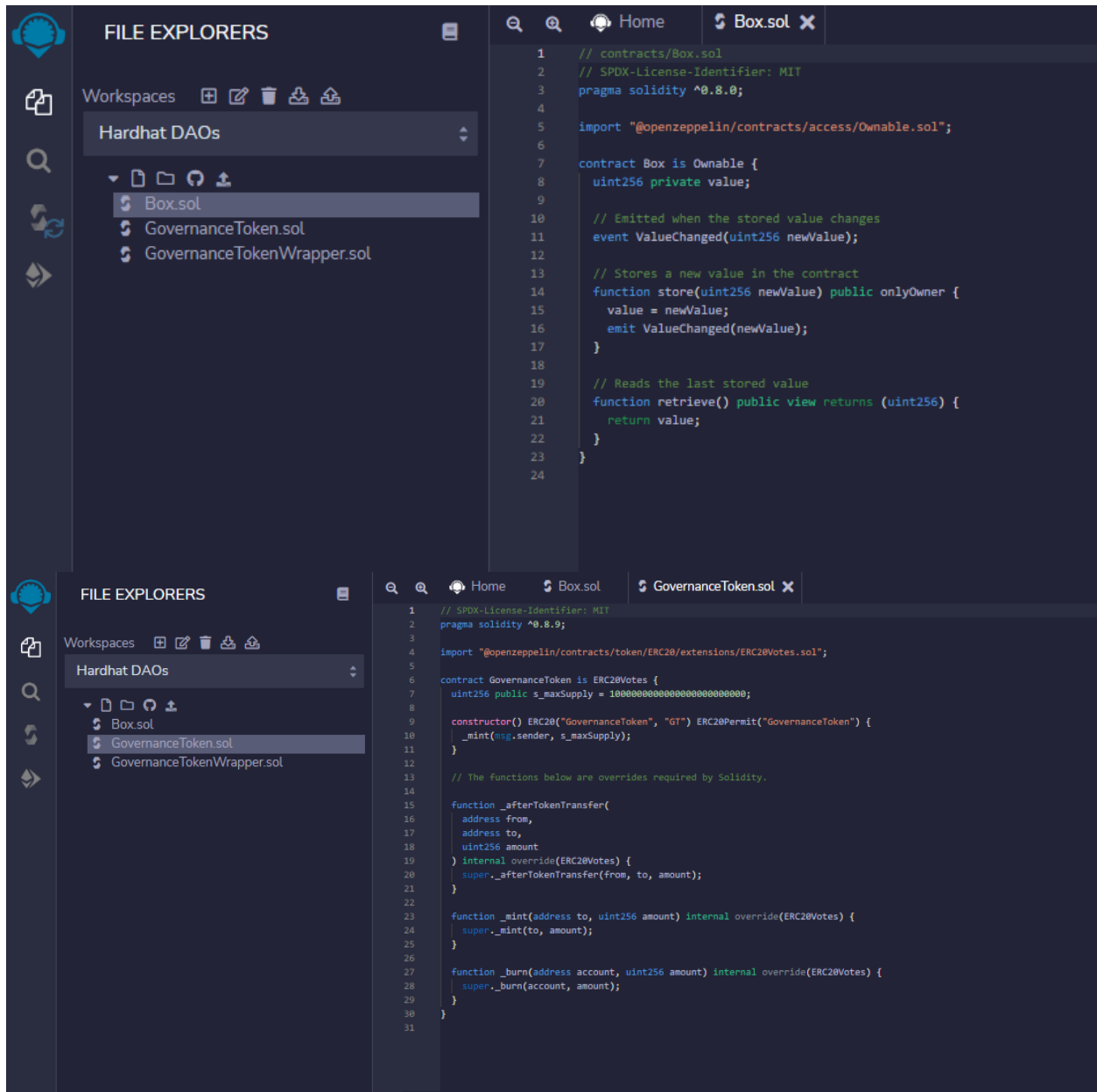

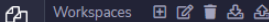


## Hardhat DAOs





FILE EXPLORERS



Workspaces

Hardhat DAOs

Box.sol

GovernanceToken.sol

GovernanceTokenWrapper.sol

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```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.9;

import "@openzeppelin/contracts/token/ERC20/ERC20.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/draft-ERC20Permit.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Votes.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Wrapper.sol";

contract MyToken is ERC20, ERC20Permit, ERC20Votes, ERC20Wrapper {
    constructor(IERC20 wrappedToken)
        ERC20("MyToken", "MTK")
        ERC20Permit("MyToken")
        ERC20Wrapper(wrappedToken)
    {}

    // The functions below are overrides required by Solidity.

    function _afterTokenTransfer(
        address from,
        address to,
        uint256 amount
    ) internal override(ERC20, ERC20Votes) {
        super._afterTokenTransfer(from, to, amount);
    }

    function _mint(address to, uint256 amount) internal override(ERC20, ERC20Votes) {
        super._mint(to, amount);
    }

    function _burn(address account, uint256 amount) internal override(ERC20, ERC20Votes) {
        super._burn(account, amount);
    }
}
```