

# StakeVote - latest

## Summary

This contract is a companion contract to the main stake contract. It ensures voting participation is registered correctly

## Parameters

Parameter	Description	Type	Default
imPaideiaDaoKey	Token ID of the dao config nft	Coll[Byte]	
stakeStateTokenId	Token ID of the stake state nft	Coll[Byte]	

## Registers

Register	Description	Type
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## Assets

Token name	amount
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## Transactions

Transaction name	Transaction description
Vote	In this transaction a vote is cast and the users' participation in the governance process is logged

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## Context Variables

CV Index	Type	Description
0	Coll[Byte]	Proof for retrieving current DAO Config values
1	Coll[Byte]	Proof for retrieving current vote from the proposal
2	Coll[Byte]	Proof for retrieving current stake record for user
3	Coll[Byte]	Proof for updating the stake record for user
4	Coll[Byte]	Proof for retrieving current participation record for user
5	Coll[Byte]	Proof for updating participation record for user
6	Coll[Byte]	New stake record for user
7	Coll[Byte]	New participation record for user

## Config

Config key	Type	Description
im.paideia.contracts.staking.vote	PaideiaContractSignature	Signature of the stake vote contract
im.paideia.dao.proposal.tokenid	Long	Token ID of the DAO proposal token

## Inputs

Utxo type	Description
StakeState	The utxo containing the staking state
StakeVote	The utxo ensuring proper execution of registering the vote participation
Proposal	The utxo containing the proposal being voted on

## Data Inputs

Utxo type	Description
DAO Config	Config utxo of this DAO

## Outputs

Utxo type	Description
StakeState	The utxo containing the updated staking state
StakeVote	A copy of the input utxo
Proposal	The utxo containing the proposal with updated vote
Miner	Miner fee

## Conditions

1. DAO Config input is correct
2. Stake state input is correct
3. The proposal being voted on is valid
4. The stake key is present
5. Vote totals updated in the stake state
6. Stake is locked until at least end of the proposal
7. Register values not relevant to this action in the stake state are unchanged