

DAOOrigin - 1.0.0

Summary

* Holds the dao token verifying it as a genuine Paideia DAO and controls the proposal/action creation process.

Parameters

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

Registers

Register	Description	Type
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Assets

Token name	amount
Paideia DAO	1
{DAO Name} Proposal	Max long (initially)
{DAO Name} Action	Max long (initially)

Transactions

Transaction name	Transaction description
Create proposal	In this transaction a proposal is created for the DAO

Create proposal

In this transaction a proposal is created for the DAO

Context Variables

CV Index	Type	Description
0	Byte	Transaction type
1	Coll[Byte]	Proof for retrieving current Paideia DAO Config values
2	Coll[Byte]	Proof for retrieving current DAO Config values
3	Box	Proposal box to be created
4	Coll[Box]	Action boxes to be created
5	Coll[Byte]	Token ID of the stake key creating the proposal
6	Coll[Byte]	Proof for fetching the current stake

Config

Config key	Type	Description
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im.paideia.fees.createproposal.-paideia	Long	Fee for creating a proposal
im.paideia.contracts.dao	PaideiaContractSignature	Signature of dao origin contract
im.paideia.dao.min.proposal.time	Long	Minimum time for a proposal to last
im.paideia.dao.min.stake.proposal	Long	Minimum stake needed for creating a proposal
im.paideia.contracts.proposal.{proposal ergotree bytes}	PaideiaContractSignature	Signature of whitelisted proposal
im.paideia.contracts.action.{action ergotree bytes}	PaideiaContractSignature	Signature of the action contract

Inputs

Utxo type	Description
DAO Origin	The DAO origin of this dao
User	The utxo(s) paying for proposal creation

Data Inputs

Utxo type	Description
Config	Config of this DAO
Paideia Config	Config of Paideia DAO
Stake State	Stake state of this DAO

Outputs

Utxo type	Description
DAO Origin	The DAO origin of this dao
Proposal	The newly created proposal
Action	0 or more action boxes
User	Change to the user (including stake key)
Miner	Miner fee

Conditions

1. DAO Config input is correct
2. Paideia DAO config is correct
3. Stake state is correct
4. Proposal output is correct
5. Action output is correct
6. User has enough staked
7. Proposal does not end too soon