

Treasury - latest

Summary

The DAO treasury. The assets guarded by this contract can only be spend through passed proposals or to fund the running of the DAO.

Parameters

Parameter	Description	Type	Default
daoKeyId	Token ID of the dao config nft	Coll[Byte]	
paideiaDaoKey	Token ID of the paideia dao key	Coll[Byte]	
paideiaTokenId	Token ID of Paideia token	Coll[Byte]	
daoActionTokenIdAndStakeStateTokenId	Token ID of dao action token and stake state nft concatenated	Coll[Byte]	

Registers

Register	Description	Type
----------	-------------	------

Assets

Token name	amount
------------	--------

Transactions

Transaction name	Transaction description
Treasury Spend	In this transaction an action belonging to a passed proposal is used to spend from the treasury
Stake snapshot	A stake snapshot is paid for by the treasury, it includes a paideia fee to the paideia dao
Stake compound	A stake compound is paid for by the treasury

Treasury Spend

In this transaction an action belonging to a passed proposal is used to spend from the treasury

Context Variables

CV Index	Type	Description
0	Byte	Transaction type
1	Coll[Byte]	Proof for DAO config values

Config

Config key	Type	Description
im.paideia.contracts.action.{action contract ergo tree bytes}	PaideiaContractSignature	Signature of the action contract

Inputs

Utxo type	Description
Treasury	The utxo(s) protecting the treasury
SendFundsAction	The utxo ensuring correct treasury spending

Data Inputs

Utxo type	Description
DAO Config	Config utxo of this DAO

Outputs

Utxo type	Description
Treasury	Change utxo to treasury
Target	The target utxo(s) as defined in the action
Miner	Miner fee

Conditions

1. DAO Config input is correct
2. Action input is valid

Stake snapshot

A stake snapshot is paid for by the treasury, it includes a paideia fee to the paideia dao

Context Variables

CV Index	Type	Description
0	Byte	Transaction type
1	Coll[Byte]	Proof for Paideia DAO config values
2	Coll[Byte]	Proof for DAO config values

Config

Config key	Type	Description
im.paideia.contracts.staking.compound	PaideiaContractSignature	Signature of the StakeCompound contract
im.paideia.contracts.staking.snapshot	PaideiaContractSignature	Signature of the StakeSnapshot contract
im.paideia.staking.emission	Long	Staking emission amount
im.paideia.dao.governance.tokenid	Coll[Byte]	Token ID of the governance token for this dao
im.paideia.fees.emit.paideia	Long	Fee in paideia to be paid to Paideia DAO
im.paideia.fees.emit.operator.-paideia	Long	Fee in paideia to be paid to off chain operator
im.paideia.contracts.splitprofit	PaideiaContractSignature	Split profit contract for paideia dao
im.paideia.fees.operator.max.erg	Long	Max fee in nanoerg to be paid to off chain operator

Inputs

Utxo type	Description
Treasury	The utxo(s) protecting the treasury
Stake State	The stake state that will be snapshot
StakeSnapshot	The companion contract to the stake state

Data Inputs

Utxo type	Description
DAO Config	Config utxo of this DAO
Paideia DAO Config	Config utxo of the Paideia DAO

Outputs

Utxo type	Description
Treasury	Change utxo to treasury
StakeState	The updated stake state
StakeSnapshot	The companion contract to the stake state
Miner	Miner fee

Conditions

1. DAO Config input is correct
2. Paideia dao config is correct
3. Stake state is correct
4. Fee is correct
5. no other assets leave the treasury

Stake compound

A stake compound is paid for by the treasury

Context Variables

CV Index	Type	Description
0	Byte	Transaction type
1	Coll[Byte]	Proof for Paideia DAO config values
2	Coll[Byte]	Proof for DAO config values

Config

Config key	Type	Description
im.paideia.contracts.staking.compound	PaideiaContractSignature	Signature of the StakeCompound contract
im.paideia.contracts.staking.snapshot	PaideiaContractSignature	Signature of the StakeSnapshot contract
im.paideia.staking.emission	Long	Staking emission amount
im.paideia.dao.governance.tokenid	Coll[Byte]	Token ID of the governance token for this dao

im.paideia.fees.compound.operator.paideia	Long	Fee in paideia to be paid to off chain operator
im.paideia.fees.operator.max.erg	Long	Max fee in nanoerg to be paid to off chain operator

Inputs

Utxo type	Description
Treasury	The utxo(s) protecting the treasury
Stake State	The stake state that will be snapshot
StakeCompound	The companion contract to the stake state

Data Inputs

Utxo type	Description
DAO Config	Config utxo of this DAO
Paideia DAO Config	Config utxo of the Paideia DAO

Outputs

Utxo type	Description
Treasury	Change utxo to treasury
StakeState	The updated stake state
StakeCompound	The companion contract to the stake state
Miner	Miner fee

Conditions

1. DAO Config input is correct
2. Paideia dao config is correct
3. Stake state is correct
4. Fee is correct
5. no other assets leave the treasury