Module sui_system::staking_pool

A staking pool embedded in each validator struct in the system state object.

Struct representing the exchange rate of the stake pool token to SUI.

A self-custodial object holding the staked SUI tokens.

An alternative to StakedSui that holds the pool token amount instead of the SUI balance. StakedSui objects can be converted to FungibleStakedSuis after the initial warmup period. The advantage of this is that you can now merge multiple StakedSui objects from different activation epochs into a single FungibleStakedSui object.

Holds useful information

StakedSui objects cannot be split to below this amount.

Create a new, empty staking pool.

Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

Convert the given staked SUI to an FungibleStakedSui object

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

Called at epoch boundaries to process the pending stake.

This function does the following:

Called by validator module to activate a staking pool.

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

Returns true if the input staking pool is preactive.

Returns true if the input staking pool is inactive.

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

Returns true if all the staking parameters of the staked sui except the principal are identical

Returns the total value of the pending staking requests for this staking pool.

Returns the total withdrawal from the staking pool this epoch.

Returns true if the provided staking pool is preactive at the provided epoch.

Struct

A staking pool embedded in each validator struct in the system state object.

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Struct representing the exchange rate of the stake pool token to SUI.

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A self-custodial object holding the staked SUI tokens.

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An alternative to StakedSui that holds the pool token amount instead of the SUI balance. StakedSui objects can be converted to FungibleStakedSuis after the initial warmup period. The advantage of this is that you can now merge multiple StakedSui objects from different activation epochs into a single FungibleStakedSui object.

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Create a new, empty staking pool.

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Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

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Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

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Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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Returns true if all the staking parameters of the staked sui except the principal are identical

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Create a new, empty staking pool.

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Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

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Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Struct

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```

StakedSui objects cannot be split to below this amount.

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```

Create a new, empty staking pool.

```
bash (package)
```

bash (package)

Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

```
bash (package)
```

bash (package)

Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.
```

```
bash (package)
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bash (package)
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bash (package)
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bash (package)
```

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash
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```bash
```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

```
bash (package)
```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
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bash (package)
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```bash
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```bash
```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

```
bash (package)
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bash (package)
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bash (package)
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```
bash (package)
```

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

```bash
```

```bash
```

Called at epoch boundaries to process the pending stake.

```
bash (package)
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```
bash (package)
```

This function does the following:

```bash
```

```

```bash
```

Called by validator module to activate a staking pool.

```
bash (package)
```

```
bash (package)
```

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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bash (package)
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bash (package)
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```

Returns true if the input staking pool is preactive.

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```bash
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```

Returns true if the input staking pool is inactive.

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```bash
```

```bash
```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

```bash
```

```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

```bash
```

```bash
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```bash
```

```bash
```

Returns the total value of the pending staking requests for this staking pool.

```bash
```

```bash
```

Returns the total withdrawal from the staking pool this epoch.

```bash
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```bash
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```
bash (package)
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bash (package)

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```bash
```

Returns true if the provided staking pool is preactive at the provided epoch.

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Constants

StakedSui objects cannot be split to below this amount.

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Create a new, empty staking pool.

```
bash (package)
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bash (package)
```

Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

```
bash (package)
```

```
bash (package)
```

Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.

```
bash (package)
```

```
bash (package)
```

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bash (package)
```

```
bash (package)
```

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash
```

```bash
```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

```
bash (package)
```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
```

```
bash (package)
```

```bash
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```bash
```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

```
bash (package)
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bash (package)
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bash (package)
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```
bash (package)
```

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

```bash
```

```bash
```

Called at epoch boundaries to process the pending stake.

```
bash (package)
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bash (package)
```

This function does the following:

```bash
```

```bash
```

Called by validator module to activate a staking pool.

```
bash (package)
```

```
bash (package)
```

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

```
bash (package)
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```

Returns true if the input staking pool is preactive.

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```

Returns true if the input staking pool is inactive.

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```bash
```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

```bash
```

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```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

```bash
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```bash
```

Returns the total value of the pending staking requests for this staking pool.

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```

Returns the total withdrawal from the staking pool this epoch.

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bash (package)

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```

Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Create a new, empty staking pool.

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Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

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Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.

```
bash (package)
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bash (package)
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written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

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```bash
```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
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```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

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Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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```bash
```

Called by validator module to activate a staking pool.

```
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bash (package)
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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the input staking pool is preactive.

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Returns true if the input staking pool is inactive.

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```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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Returns true if all the staking parameters of the staked sui except the principal are identical

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Request to stake to a staking pool. The stake starts counting at the beginning of the next epoch,

```
bash (package)
```

```
bash (package)
```

Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.

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bash (package)
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bash (package)
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bash (package)
```

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash
```

```bash
```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

```
bash (package)
```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange

rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

bash (package)

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```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

bash (package)

bash (package)

bash (package)

bash (package)

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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```

Called at epoch boundaries to process the pending stake.

bash (package)

bash (package)

This function does the following:

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```bash

```

Called by validator module to activate a staking pool.

bash (package)

bash (package)

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

bash (package)

bash (package)

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Returns true if the input staking pool is preactive.

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Returns true if the input staking pool is inactive.

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```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

```bash
```

```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

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```bash
```

Returns the total value of the pending staking requests for this staking pool.

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```

Returns the total withdrawal from the staking pool this epoch.

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bash (package)
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bash (package)
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```

Returns true if the provided staking pool is preactive at the provided epoch.

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```

Function

Request to withdraw the given stake plus rewards from a staking pool. Both the principal and corresponding rewards in SUI are withdrawn. A proportional amount of pool token withdraw is recorded and processed at epoch change time.

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bash (package)
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bash (package)
```

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bash (package)
```

```
bash (package)
```

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash

```

```bash

```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

```
bash (package)
```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
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bash (package)
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```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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bash (package)
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bash (package)
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bash (package)
```

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon
```

withdrawal if the pool is inactive.

```bash
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```bash
```

Called at epoch boundaries to process the pending stake.

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bash (package)
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bash (package)

This function does the following:

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```

```bash
```

Called by validator module to activate a staking pool.

```
bash (package)
```

bash (package)

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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bash (package)
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bash (package)

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```

Returns true if the input staking pool is preactive.

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```bash
```

Returns true if the input staking pool is inactive.

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```bash
```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.
```

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

```bash
```

```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

```bash
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```bash
```

Returns the total value of the pending staking requests for this staking pool.

```bash
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```bash
```

Returns the total withdrawal from the staking pool this epoch.

```bash
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bash (package)
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```

Returns true if the provided staking pool is preactive at the provided epoch.

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```bash

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```bash

```

Function

`bash (package)`

`bash (package)`

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash
```

```

```bash

```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

```
bash (package)
```

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
```

```
bash (package)
```

```bash

```

```bash

```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

```
bash (package)
```

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bash (package)
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bash (package)
```

```
bash (package)
```

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

```bash

```

```bash

```

Called at epoch boundaries to process the pending stake.

```
bash (package)
```

```
bash (package)
```

This function does the following:

```bash

```

```bash

```

Called by validator module to activate a staking pool.

```
bash (package)
```

```
bash (package)
```
```

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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bash (package)
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```

Returns true if the input staking pool is preactive.

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```

Returns true if the input staking pool is inactive.

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```bash
```

Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

```bash
```

```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

```bash
```

```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

```bash
```

```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

```bash
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```

```bash
```

Returns the total value of the pending staking requests for this staking pool.

```bash
```

```bash
```

Returns the total withdrawal from the staking pool this epoch.

```bash
```

```bash
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```
bash (package)
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bash (package)

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```bash
```

Returns true if the provided staking pool is preactive at the provided epoch.

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```

```bash

```

Function

written in separate function so i can test with random values returns (principal_withdraw_amount, rewards_withdraw_amount)

```bash

```

```bash

```

Convert the given staked SUI to an FungibleStakedSui object

```
bash (package)
```

bash (package)

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
```

bash (package)

```bash

```

```bash

```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

```
bash (package)
```

bash (package)

bash (package)

bash (package)
```

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

```bash

```

```bash

```

Called at epoch boundaries to process the pending stake.

```
bash (package)
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```
bash (package)
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This function does the following:

```bash

```

```bash

```

Called by validator module to activate a staking pool.

```
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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the input staking pool is preactive.

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Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

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Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.
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```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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Returns true if all the staking parameters of the staked sui except the principal are identical

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Convert the given staked SUI to an FungibleStakedSui object

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bash (package)
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Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange

rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

bash (package)

bash (package)

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```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

bash (package)

bash (package)

bash (package)

bash (package)

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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```

Called at epoch boundaries to process the pending stake.

bash (package)

bash (package)

This function does the following:

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```

Called by validator module to activate a staking pool.

bash (package)

bash (package)

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

bash (package)

bash (package)

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Returns true if the input staking pool is preactive.

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Returns true if the input staking pool is inactive.

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Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

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```bash
```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

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```bash
```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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```bash
```

Returns true if all the staking parameters of the staked sui except the principal are identical

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```

Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Withdraw the principal SUI stored in the StakedSui object, and calculate the corresponding amount of pool tokens using exchange rate at staking epoch. Returns values are amount of pool tokens withdrawn and withdrawn principal portion of SUI.

```
bash (package)
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```

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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```

Called by validator module to activate a staking pool.

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bash (package)
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```

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the input staking pool is preactive.

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Returns true if the input staking pool is inactive.

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Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

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```

Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

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```

Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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Returns true if all the staking parameters of the staked sui except the principal are identical

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

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Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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Called by validator module to activate a staking pool.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the input staking pool is preactive.

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Returns true if the input staking pool is inactive.

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Split StakedSui self to two parts, one with principal split_amount, and the remaining principal is left in self. All the other parameters of the StakedSui like stake_activation_epoch or pool_id remain the same.

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Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

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Consume the staked sui other and add its value to self. Aborts if some of the staking parameters are incompatible (pool id, stake activation epoch, etc.)

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Returns true if all the staking parameters of the staked sui except the principal are identical

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Function

Called at epoch advancement times to add rewards (in SUI) to the staking pool.

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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Called by validator module to activate a staking pool.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the input staking pool is preactive.

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Returns the total value of the pending staking requests for this staking pool.

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Returns the total withdrawal from the staking pool this epoch.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

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Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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Called by validator module to activate a staking pool.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Called at epoch boundaries to process pending stake withdraws requested during the epoch. Also called immediately upon withdrawal if the pool is inactive.

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Called at epoch boundaries to process the pending stake.

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This function does the following:

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Called by validator module to activate a staking pool.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Returns the total value of the pending staking requests for this staking pool.

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Function

Called at epoch boundaries to process the pending stake.

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This function does the following:

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Called by validator module to activate a staking pool.

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bash (package)

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Split the given StakedSui to the two parts, one with principal split_amount, transfer the newly split part to the sender address.

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Function

This function does the following:

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Called by validator module to activate a staking pool.

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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Function

Called by validator module to activate a staking pool.
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Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Function

Deactivate a staking pool by setting the deactivation_epoch. After this pool deactivation, the pool stops earning rewards. Only stake withdraws can be made to the pool.

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Function

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Returns true if the provided staking pool is preactive at the provided epoch.

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Function

Returns true if the provided staking pool is preactive at the provided epoch.

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Function

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Function

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## Function

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Function

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Macro function

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