

Client

Obol SDKClient can be used for creating, managing and activating distributed validators.

Extends

- Base

Constructors

new Client(config, signer)

new Client (config ,signer ?):[Client](#)

Parameters

Parameter Type Description config Object config.baseUrl ? string - config.chainId ? number - signer ? Signer ethersJS Signer

Returns

[Client](#)

Obol-SDK Client instance

An example of how to instantiate obol-sdk Client[obolClient](#)

Overrides

Base.constructor

Source

index.ts:27

Properties

Property Modifier Type Inherited from baseUrl public string Base.baseUrl chainId public number Base.chainId fork_version public string Base.fork_version signer private undefined |Signer -

Methods

createClusterDefinition()

createClusterDefinition (newCluster):Promise <string

Creates a cluster definition which contains cluster configuration.

Parameters

Parameter Type Description newCluster [ClusterPayload](#) The new unique cluster.

Returns

Promise <string

config_hash.

Throws

On duplicate entries, missing or wrong cluster keys.

An example of how to use createClusterDefinition[createObolCluster](#)

Source

index.ts:42

getClusterDefinition()

getClusterDefinition (configHash):Promise <[ClusterDefintion](#)

Parameters

Parameter Type configHash string

Returns

Promise <[ClusterDefintion](#)

The cluster definition for config hash

Throws

On not found config hash.

An example of how to use getClusterDefinition[getObolClusterDefinition](#)

Source

index.ts:132

getClusterLock()

getClusterLock (configHash):Promise <[ClusterLock](#)

Parameters

Parameter Type configHash string

Returns

Promise <[ClusterLock](#)

The matched cluster details (lock) from DB

Throws

On not found cluster definition or lock.

An example of how to use getClusterLock[getObolClusterLock](#)

Source

index.ts:148

request()

protected request <T

(endpoint ,options ?):Promise <T

Type parameters

Type parameter T

Parameters

Parameter Type endpoint string options ? RequestInit

Returns

Promise <T

Inherited from

Base.request

Source

base.ts:23

updateClusterDefinition()

updateClusterDefinition (operatorPayload ,configHash):Promise <[ClusterDefintion](#)

Approves joining a cluster with specific configuration.

Parameters

Parameter Type Description operatorPayload [OperatorPayload](#) The operator data including signatures. configHash string The config hash of the cluster which the operator confirms joining to.

Returns

Promise <[ClusterDefintion](#)

The cluster definition.

Throws

On unauthorized, duplicate entries, missing keys, not found cluster or invalid data.

An example of how to use updateClusterDefinition:[updateClusterDefinition](#)

Source

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