

Javascript SDK

Installation

...

Copy npm install @clustersxyz/sdk

...

Import & Setup

...

Copy import { Clusters } from "@clustersxyz/sdk"

const clusters = new Clusters();

// with api key const clusters = new Clusters({ apiKey: "abc123" });

...

getName(address)

Get the cluster and wallet name based on an address

...

Copy const clusterName = await clusters.getName('0x5755d1dcea21caa687339c305d143e6e78f96adf');

...

Returns

...

Copy clusters/main

...

getAddress(name)

Get the wallet associated to a cluster name. You can pass just the cluster name or also include the wallet name as shown in the 2 examples.

...

Copy const clusterAddress_Option1 = await clusters.getAddress('clusters/');

const clusterAddress_Option2 = await clusters.getAddress('clusters/main');

...

Returns

...

Copy { "type": "evm", "address": "0x5755d1dcea21caa687339c305d143e6e78f96adf", "name": "clusters/main", "isVerified": true }

...

getCluster(clusterName)

Get the cluster from a cluster name

...

Copy const cluster = await clusters.getCluster('clusters/');

...

Returns

...

```
Copy { "name":"clusters/", "wallets":[ { "type":"evm", "address":"0x5755d1dcea21caa687339c305d143e6e78f96adf",  
"name":"clusters/main", "isVerified":true } ] }
```

...

Bulk fetch

getNames(address[])

Get the cluster and wallet names from a list of addresses

...

```
Copy constclusterName=awaitclusters.getNames([ '0x5755d1dcea21caa687339c305d143e6e78f96adf',  
'0xccdead94e8cf17de32044d9701c4f5668ad0bef9' ])
```

...

Returns

...

```
Copy [ { address:"0x5755d1dcea21caa687339c305d143e6e78f96adf", name:"clusters/main" },{  
address:"0xccdead94e8cf17de32044d9701c4f5668ad0bef9", name:"layerzero/main" } ]
```

...

getAddresses(name[])

Get the wallets associated to multiple cluster names. You can pass just the cluster name or also include the wallet name.

...

```
Copy constclusterAddresses=awaitclusters.getAddresses([ "clusters/", "clusters/main", "layerzero/", "layerzero/main" ]);
```

...

Returns

...

```
Copy [ { name:"clusters/", type:"evm", address:"0x5755d1dcea21caa687339c305d143e6e78f96adf", isVerified:true }, {  
name:"clusters/main", type:"evm", address:"0x5755d1dcea21caa687339c305d143e6e78f96adf", isVerified:true }, {  
name:"layerzero/", type:"evm", address:"0xccdead94e8cf17de32044d9701c4f5668ad0bef9", isVerified:true }, {  
name:"layerzero/main", type:"evm", address:"0xccdead94e8cf17de32044d9701c4f5668ad0bef9", isVerified:true } ]
```

...

getClusters(clusterName[])

Get the clusters from a list of cluster names

...

```
Copy constclusters=awaitclusters.getClusters([ "clusters/", "layerzero/" ]);
```

...

Returns

...

```
Copy [ { name:"clusters/", wallets:[ { name:"clusters/main", type:"evm",  
address:"0x5755d1dcea21caa687339c305d143e6e78f96adf", isVerified:true } ] }, { name:"layerzero/", wallets:[ {  
name:"layerzero/main", type:"evm", address:"0xccdead94e8cf17de32044d9701c4f5668ad0bef9", isVerified:true } ] } ]
```

...

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