

# Convert hex address to clusters name

Before you begin, install & setup the cluster imports at the top of your code.

Install the SDK

```
...
```

Copy `npm install @clustersxyz/sdk`

```
...
```

Setup your imports

```
...
```

Copy `import { clusters } from "@clustersxyz/sdk"; const clusters = new Clusters();`

```
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```

A single address

This single address call is great for getting the name of a user's connected wallet or the name of an address on a profile page.

```
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```

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```

Copy // This will return "clusters/main"

```
const clusterWalletName = await clusters.getName('0x5755d1dcea21caa687339c305d143e6e78f96adf');
```

```
// This will give you "clusters" const clusterName = clusterWalletName.split("/")[0];
```

```
...
```

1. Profile Information
- 2.

You can use the following helper functions to help display the info you need. We offer 2 functions:

- A synchronous function to get the profile image url of a cluster name
- A function to navigate the user to their official clusters profile page on clusters.xyz
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You can use the following helper functions to help display the info you need

```
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```

Copy `import { getImageUrl, getProfileUrl } from "@clustersxyz/sdk";`

```
// https://cdn.clusters.xyz/profile/clusters const profileImage = getImageUrl(clusterName);
```

```
// https://clusters.xyz/clusters const profileUrl = getProfileUrl(clusterName);
```

```
...
```

Clusters are a multi-wallet username. Sometimes you will want to display the other wallets a cluster has. By passing in the cluster name, you'll be able to retrieve an array of wallets along with their type.

When people create a cluster, they can add multiple addresses to it. If you want to be able to display this information, you can call the following function.

```
...
```

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

```
/ { "name": "clusters/", "imageUrl": "https://cdn.clusters.xyz/profile/clusters", "profileUrl": "https://clusters.xyz/clusters",  
  "wallets": [ { "type": "evm", "address": "0x5755d1dcea21caa687339c305d143e6e78f96adf", "name": "clusters/main",  
    "isVerified": true } ] } /
```

...

## Multiple addresses in one call

This is useful if you have 2 or more addresses on a page that you want to retrieve a cluster name for. You can get all the information you need in one call.

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1. Resolve multiple names
- 2.

...

```
Copy import{ clusters }from"@clustersxyz/sdk"; constclusters=newClusters();
```

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

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

...

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