Obtaining ClientID

The client_id is a crucial identifier needed to interact with the Clearly.Hub API and is the first step in obtaining a Cognito token for authorization. While an example application is available to demonstrate its use, the client_id itself is generated directly within Clearly.Hub by creating an application and an App Client.

This document outlines the steps to acquire your client_id.

1. Clone the repository and install npm:

https://github.com/fi-group/clearly.hub-examples

To get started, you can clone the clearly.hub-examples repository shown above, which provides an example application that uses the client_id.

```
None
git clone https://github.com/fi-group/clearly.hub-examples

$ npm install
```

This repository also serves as a reference for how to consume the Clearly.Hub API and utilize Clearly.Hub authentication.

2. Configure and run the example application (Optional but Recommended):

Go to where you have cloned the repository.

```
None
cd /path/to/clearly.hub-examples
```
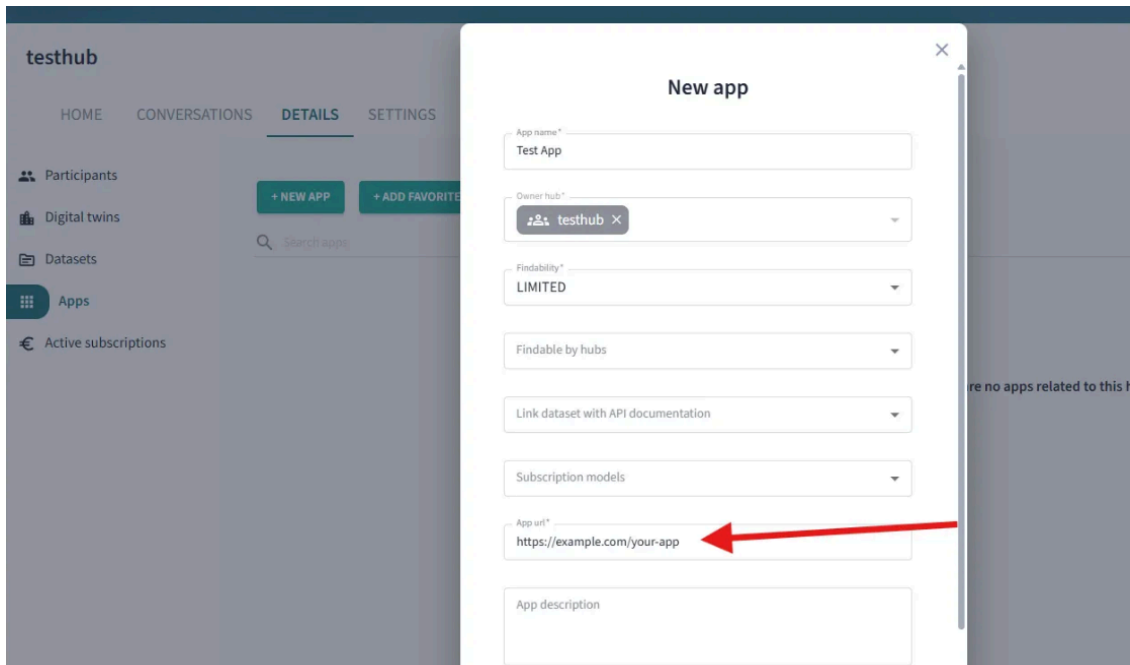
Change (delete 'example' from the name) the example config src/config/config.json.example to src/config/config.json and run the application:

```
None
$ npm run dev
```

A web server will now be running on http://localhost:5173. This example application will be helpful in understanding how the client_id is used with callback URLs for authentication.

3. Create an application in your Hub:

Navigate to https://hub.clearly.app and create a new application within a Hub where you have owner permissions. For the purpose of obtaining the client_id, a dummy application URL can be used (e.g., https://example.com/your-app)
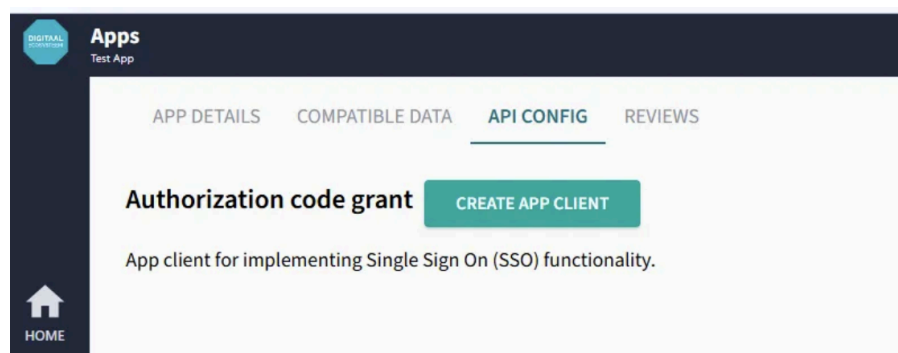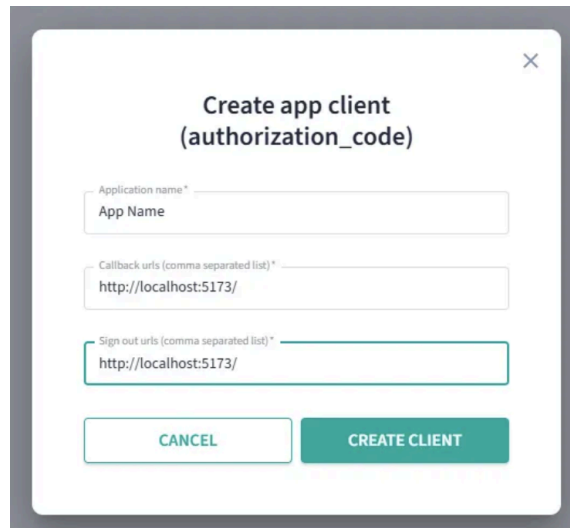

4. Create an App Client:

After creating your application, go to its "API Config" tab and select "Create app client". Ensure you add both the callback URLs and sign out URLs. You can add http://localhost for testing purposes and change it later. If you are following the clearly.hub-examples, use http://localhost:5173/. This is essential for the example application to function correctly.

PS. A callback URL is the specific URL within your application where the authentication server (e.g., AWS Cognito for Clearly.Hub) redirects the user's browser *after* they have successfully authenticated or authorized your application.

The sign-out URL is the URL within your application where the user's browser is redirected after they have successfully logged out of the authentication system.

5. Retrieve your Client ID:

Once the App Client is created, you should be able to view your client_id.