

MiniKit-AthleteDataService

Junior Back End Interview Coding Challenge

AthleteDataService

Welcome to AthleteDataService™!

AthleteDataService™ is a simple api that returns athlete test data. To get started open a browser and visit:

`https://athletedataservice.azurewebsites.net/swagger/index.html`

the API documentation should appear.

The API is secured by means of a JWT Authorization header. An access token is required to interact with the API.

This must be obtained from the identity provider at the following endpoint, please note this cannot be accessed via xhr

`https://dev-0erpan4x.us.auth0.com/oauth/token`

An example cURL request looks like

```
curl --location --request POST 'https://dev-0erpan4x.us.auth0.com/oauth/token' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'client_id=GQTrJq9NjukTYqcB7000w6PQac2LXbdS' \
--data-urlencode
'client_secret=txb3w4N0Q-18_nLzMfNZcpBSfg8TOGzIHPDcOjb-xR-yfUk7LRQE16o5GgrWN-RY' \
--data-urlencode 'grant_type=client_credentials' \
--data-urlencode 'audience=https://athletedataservice.thesportsoffice.com'
```

Before the challenge

In advance of the interview, we would like you to read and follow the below steps to create a very simple program. This will form the starting point for the challenge.

We want you to, in a language of your choosing, obtain an access token and use it to retrieve all the raw values from the AthleteDataService. Once you have the values we would like these "rendering" out to the screen.

For example if you were using JavaScript and HTML you could render the raw data in a `<table></table>`

The Challenge

On the day the engineer(s) you are paired with will ask you to talk through the program you created in advance, and help solve any issues. You will then pair to make some enhancements to your code to manipulate the data and visuals.

F.A.Q.

- What language should I use?

You can use any language you like as long as you're able to consume data from the api and display it

- Can I use javascript and show the data in a webpage?

Javascript can be used for obtaining the api data, as mentioned some other consideration will be needed for obtaining the token.

- Can I check guides/Google/StackOverflow?

Of course! You are totally free to check any resources you want before and during the challenge.

- I don't have enough time to do everything I'd like to do

We don't expect you to spend hours/days producing a fully polished application. It's a basic starting point that facilitates us having more fun in the coding challenge!