

## Brightcove technical exercise

### *TSR Operations Support – API & Development Skills Assessment*

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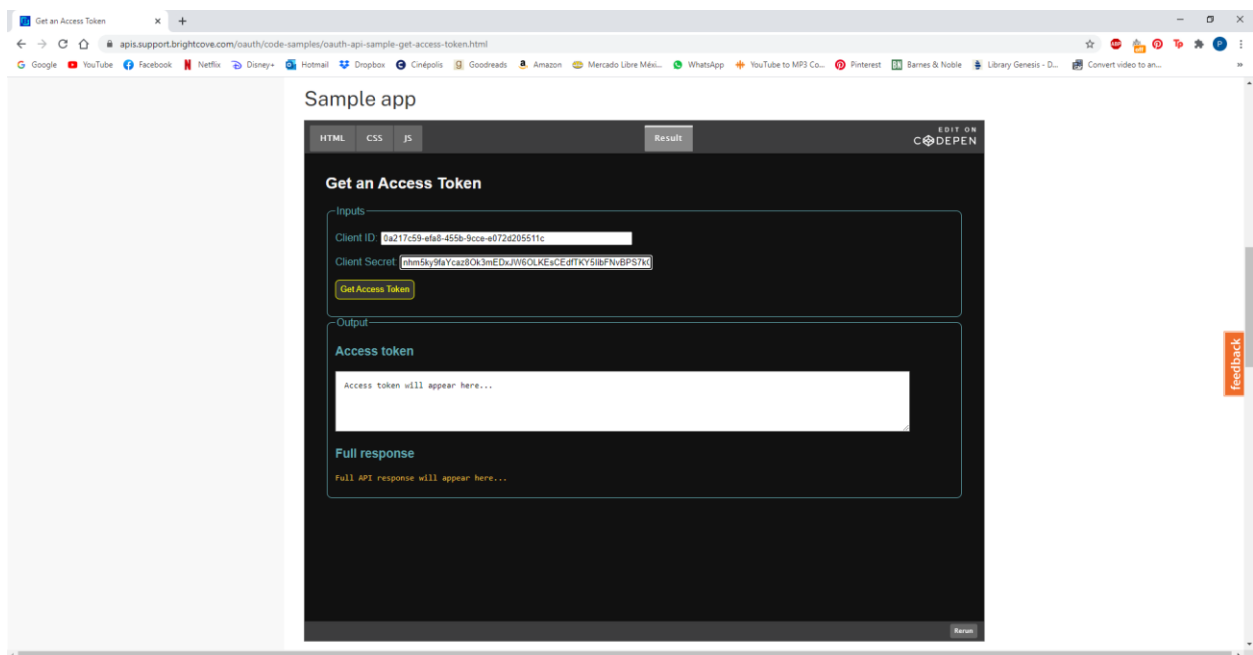
To run the code, once you have downloaded the files you will need to run these commands in the terminal:

```
npm init --yes  
npm i express  
npm i nodemon  
npm install xmlhttprequest --save
```

Then, run the `nodemon server.js -ext js` command to start the code.

If you want to re-write the data into the data files, follow the next steps. In `server.js`, uncomment line 41, and in line 40 you will need to enter an access token. This token can be requested by entering your client credentials in the following link.

<https://apis.support.brightcove.com/oauth/code-samples/oauth-api-sample-get-access-token.html>



server.js:

```
40 let accessToken = ""; // Here goes your access token
41 // writeFile(); // Uncomment this line to re-write in files
```

In your browser, go to `localhost:3000`.

The `/info` endpoint shows all the stored information. If the *Only “mexico” tag* checkbox is checked, it will show the total video duration only for the videos with the tag “mexico.”

The screenshot shows a web browser window with the title 'Account Info' and the address bar 'localhost:3000/info'. The page content is as follows:

### Account information

**Video count:** 20 videos

**Average video duration:** 16 minutes

**Playlist count:** 7 playlists

**Average playlist duration:** 15 minutes

☐ Only "mexico" tag

**Total video duration (all videos):** 5 hours 20 minutes

#### Playlists on the account

Playlist Name	Sum of Duration of the Videos
MyPlayslit	1 hour 45 minutes
4 videos playlist	0
My Smart Playlist	0
3 videos playlist	0
Smart Playlist	0
my lp[	0
Sample Playlist	0

Account Info

localhost:3000/info

Google

YouTube

Facebook

Netflix

Disney+

Hotmail

Dropbox

Cinépolis

Goodreads

Amazon

# Account information

**Video count:** 20 videos

**Average video duration:** 16 minutes

**Playlist count:** 7 playlists

**Average playlist duration:** 15 minutes

☒ Only "mexico" tag

**Total video duration (only "mexico" tag):** 1 hour 17 minutes

## Playlists on the account

Playlist Name	Sum of Duration of the Videos
MyPlayslit	1 hour 45 minutes
4 videos playlist	0
My Smart Playlist	0
3 videos playlist	0
Smart Playlist	0
my lp[	0
Sample Playlist	0