**OAuth 2.0**

* This is relevant for all APIs
* A way for APIs to allow you to access a user’s data or do things on behalf of the user.
* We are using the authorisation code flow as this enables us to access user resources and to refresh the access token. See screenshot below:

A close-up of a document

AI-generated content may be incorrect.

A drawing of a computer screen

AI-generated content may be incorrect.Let’s say you are building your own Spotify recommendation website that looks at all of a user’s songs and recommends songs to them:

User visits your website 🡪 user will then see an option to log in with Spotify 🡪 once the user logs in, the website will call out to the Spotify API 🡪 Spotify API returns back access token, refresh token, and expires in

**Access token:** This is used by our website to make requests to Spotify API

**Refresh token:** This is used to refresh the access token when it expires (this usually takes 1 day)

**Expires in:** This tells you when the access token is due to expire

A drawing of a browser and arrows

AI-generated content may be incorrect.

Website will check to see if access token has expired 🡪 if it has, it will make a call out to Spotify API and give it the refresh token that we received before 🡪 this will then give back a fresh access token with a fresh expires in