

# 1. Goals

Learn about OAuth2 and get a solid understanding on how it works.

## 2. Lesson Notes

### Authorization Flows - with User interaction

**The Authorization Code Flow** - used for server rendered applications.

**The Implicit Flow** - used for Mobile / Native Apps (applications that run on the user's device). This is optimized for public clients and based on redirection (so the client must be capable of that).

A quick note is that the Implicit Flow has no refresh token - it gets the access token through the authorization request (not with a separate request as in the previous flow).

### Authorization flows - with no User interaction

**The Client Credentials Flow** - used for Server - Server communication, as there is no Resource Owner involved at all.

This flow is optimized for confidential clients and gets the access token using client credentials (client id and secret), not user credentials.

**Resource Owner Password Credentials Flow** - used for Trusted Applications ( such as those owned by the service itself ).

## 3. Resources

- About OAuth2

- An Introduction to OAuth 2