

APIs

Public

weather.gov

- No persistence
- They have to internally monitor abuse

Key-Based

Canvas

- Persistence available
- Easier to track abuse
- You can charge for a key
- Represent one user

OAuth (2)

Social Sign-in

ID users : Proxy for multiple users.

OAuth (2) Step 1

The goal of OAuth is for the server to get a unique key to use on the third party's API or the user's unique ID on that third party

1. Sometime in the past...
You need to get credentials for the third party.

You need
Client ID (public)
Client Secret (private)

You give
callback url
↳ Almost everyone requires a DNS name

→ So how do I develop w/o exposing my website to the world?

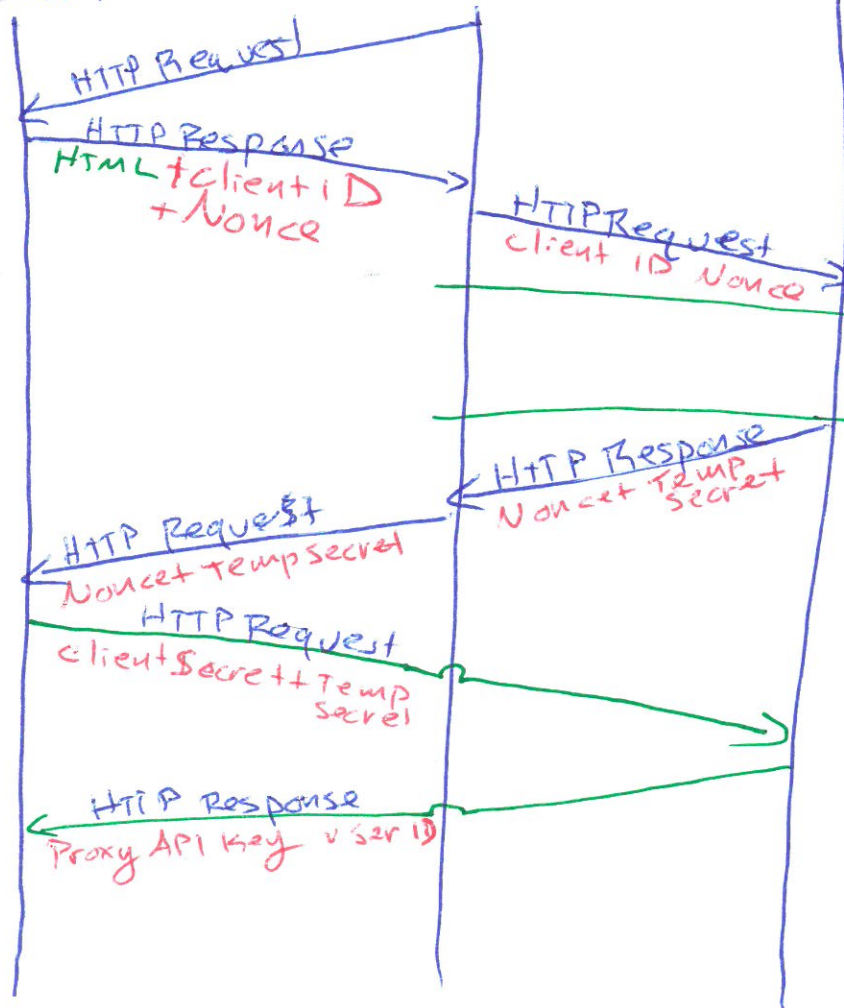
1. Always get 2 sets of credentials.
 - ↳ Production credentials w/a real callback
 - ↳ development credentials w/a "fake" callback
2. Dev credentials:
localhost.____.com
Point to 127.0.0.1
3. Github allows localhost & is easy to setup.
4. Watch out for Meta OAuth providers.

OAuth (2) Step 2

2. Today
Your Server

Browser

Third Party



Nonce
Made up
Random
Gorgabe

→ Either prevalidated
or login exchange