CMPUT 404 Lab 9

8-9th March 2016

OVERVIEW

Understand the basics of authentication for web based applications. Understand what HTTP Basic Authentication, HTTP Token Authentication, HTTP Session Authentication are. Understand what OAuth and OAuth2 are.

STEPS

1. Clone the repository at https://github.com/awwong1/CMPUT404LAB9_W2016
2. Create a python virtual environment, install the requirements.
3. Navigate to the leopard application, migrate the django application.
4. Navigate to the iguana application, migrate the django application.
5. Within the iguana application, create a superuser.
6. Run the iguana application on the default settings (localhost, 8000).
7. Run the leopard application on a separate port (9000).
8. Use the leopard application to query the iguana application's user api using the three basic authentication methods.

QUESTIONS

Question 1:

What is HTTP Basic Authentication?

Question 2:

What is HTTP Token Authentication?

Question 3:

What is HTTP Session Authentication?

Question 4:

What is OAuth and OAuth2?