

HTTP

In this exercise, we will be working with the methods of the HTTP protocol.

1. In the “Examples” folder from the Git repository, there is a Python service under Week 39.
2. Start the service on the Ubuntu installation.
 - a. Navigate to the folder from the terminal.
 - b. Install the needed dependencies with the command: `pip install -r requirements.txt`
 - c. Start the service with the command: `python main.py`
 - d. The service can be accessed from the address: <http://localhost:5000>
3. Try to perform the methods: *GET*, *POST*, *PUT* and *DELETE* for the service, and see how it behaves.

Azure

In this exercise, we wish to create a simple web-service and use Azure as the platform where the service is hosted.

1. Create a simple application of your choice (WCF, Web API, etc.) with Visual Studio. Is can be doing anything you wish (But it's a good idea if it have something to do with either Bacon or Tuna) – You can also use a service that you have already create earlier.
2. Go to the Azure portal and create a “Web App” App Service.
3. Deploy the web service that you've created, by using the Visual Studio.
4. Test that your service it deploy on Azure.

Webserver setup

In this exercise, we wish to setup a basic webserver that is running in a Linux environment and is available from outside the localhost.

1. Setup WordPress on the Ubuntu system, with MySQL database and Apache webserver, by following this guide (We do not care about the SSL certificate at this point, so you may skip that part if you wish):
<https://www.digitalocean.com/community/tutorials/how-to-install-wordpress-with-lamp-on-ubuntu-16-04>
2. Make it possible to access the WordPress sites from your host computer.