Otto: Automatic SDG Classifier - Setup

Ryan Brady

July 2018

1 Background

Otto is a webapp built with the Flask Python framework that automatically classifies donations with the correct Sustainable Development Goal code. Otto uses a Support Vector Machine machine learning algorithm to train from the hand coded dataset provided by AidData to code based up the text for each donation.

1.1 Server Specs

2 Project Installation

2.1 Github

The source code for Otto can be found at [insert ITPIR link here]

2.2 Dependencies

Log into the server as root. Install the latest version of python.
```
sudo apt-get install python3
```

Python comes with the latest version of SQLite so no further installation is required. Install the python packaging tool Pip. We will be using it to install necessary Python packages.
```
sudo apt-get install python3-pip
```