



United Way Program and Agency Database

Instalation Instructions

Prerequisites

The system was tested using Ubuntu 16.04.2 LTS but any popular distribution of linux can be used.

Copy the code into a directory that is easily accessible. The web application will be running from this directory.

An automated script to install all the packages via apt-get is in the install files folder located in the main directory of the code files. This script will only work on Ubuntu. To run it, run the following commands from the root directory of the files:

```
$ chmod +x install-files/install.sh
$ install-files/install.sh
```

Note: When running the installation script, it will prompt to enter a password for the MySQL root user. Enter one and remember what this password is as you will need it for later.

Step 1. Preparing the virtual environment

The best way to run the application is within a contained virtual environment using `virtualenvwrapper`. Make sure you have `python-pip` (ubuntu apt-get) and `python` installed. the recommended version of python for this project is 2.7.

First, install virtualenvwrapper using the following command: `$ pip install virtualenvwrapper`

Then edit your `.bashrc` by adding the following lines on to the end of the file located in your home folder. Its usually `~/.bashrc`

```
export WORKON_HOME=~/.Envs
mkdir -p $WORKON_HOME
source /usr/local/bin/virtualenvwrapper.sh
```

Restart the virtual machine (or close the terminal and open it again) and then run

```
$ mkvirtualenv unitedway
```

Note: Whenever you are running the application make sure to run the command `$ workon unitedway` first.

Step 2. Installing dependencies

First, make sure that you are in the virtual environment that you created in step 1 by running the command

```
$ workon unitedway
```

go in to the folder that was just created and install the required `pip` packages by running the following command:

```
$ pip install -r requirements.txt
```