Eagle Eyes Deployment Guide

Web Interface Installation

Clone the repo: git@gitlab.csc.tntech.edu:csc_4610_fall_18/NAVSEA_Dahlgren/web.git

Installing Pyenv is recommended to not mess up the system Python installation.

Install pyenv: curl https://pyenv.run | bash

Install Python 3.7.2: pyenv install 3.7.2 && pyenv global 3.7.2

Install virtualenv: pip install virtualenv

Create virtualenv: virtualenv venv

Activate virtualenv: source venv/bin/activate

Install dependencies: pip install -r requirements.txt

Run migrations: python manage.py migrate

Create superuser: python manage.py createsuperuser

Now you're ready. Run the server with python manage.py runserver and visit http://localhost:8000/admin/

Kerberos Installation

Clone the repo: git@gitlab.csc.tntech.edu:csc_4610_fall_18/NAVSEA_Dahlgren/meta.git

Run: docker-compose up

Run the following:

```
inotifywait -m -e CLOSE_WRITE --exclude ".jpg" capture/ |  while read
dir action
FILENAME; do    TIMESTAMP=`echo $FILENAME | cut -d _ -f1`;
DURATION=`mediainfo --Inform="Video;%Duration/String3%"
capture/$FILENAME`;     ANOMALY=`python ../../anomaly.py $FILENAME`;
curl --data "filename=$FILENAME" --data "timestamp=$TIMESTAMP" --data
"duration=$DURATION" --data "anomaly=$ANOMALY" http://localhost:8000/
clips/insert; done
```