

Poachnet Light Web

Version 1.2:

The poachnet light website at this point is very much a prototype not yet fit for production. It does however implement all of the core functionality of Poachnet Light. The website uses Python / Flask and a Cloudant Database all based on an IBM cloud (Bluemix) server. The website can be accessed from <http://poachnetcs.mybluemix.net>

Routes:

/	Homepage.
/map	Displays a map with all saved coordinates.
/gpsa/<longitude>,<latitude>	Save an anonymous coordinate with given longitude and latitude.
/gps/<longitude>,<latitude>,<imei>,<dev>,<name>	Save a coordinate with all given attributes.
/clear	Clear database of all coordinates. Only for testing purposes. Should be removed before production version.

Updating code:

The website is updated using the bluemix CLI client (<https://console.bluemix.net/docs/cli/index.html#downloads>). To start, the programmer must run:

```
bluemix api https://api.ng.bluemix.net
```

And then:

```
bluemix login -u poachnet@cs.purdue.edu -o poachnet -s dev
```

This will log the user into bluemix and the poachnet account.

A password may be requested. The login is poachnet@cs.purdue.edu. The password is “**OysterRobot1!**”.

To upload new code, the programmer must run:

```
bluemix cf push Poachnet
```

To view recent logs, the programmer must run:

```
bluemix cf logs Poachnet --recent
```

Important files and directories:

welcome.py -- The main python flask file with all route functions.

templates/ -- Directory holding all HTML web page templates.

requirements.txt -- A file listing dependencies for IBM server.

procfile -- IBM server procfile to identify what program to run.