Heroku Deployment Guide

This guide assumes you have already prepared your application for Heroku distribution.

Heroku Registration

- Sign up for a free account at https://www.heroku.com

- Fill in your details and under "Primary Development Language" select Node.js

- Confirm your email address and set your password

- Click to proceed

Getting Started with Heroku

- Select Node.js – Get Started

- Download the Heroku CLI for your operating system

- Run the CLI installer

- Unselect "Git <version>" (you should already have git installed)

- Heroku's CLI is installed under C:\Program Files\Heroku

    o Take note of this

- Exit the tutorial

Heroku Deployment (CLI)

- Sign in to Heroku

    o Type: **heroku login** and enter your account's credentials

        ▪ If successful you should see the following message, "Logged in as <yourEmailAddress>

- Couple key points

    o Heroku has its own git installation

    o You must maintain two git pushes

- To this point, we have been using **git push -uv origin master**, which pushes our code to GitHub.
- Now that we have Heroku's CLI installed, a second push is required to Heroku (**git push heroku master**)

- Create an app on Heroku, which prepares Heroku to receive your source code
  - From the applications working directory (**ems**)
    - Type: **heroku create**
      - Note: you will see a random name generated for your application, write it down as will we be renaming it
  - Rename your application
    - Type: **heroku apps:rename <yourLastName>-ems –app <random-app-name>**
  - Create a new Git Repository
    - Type: **git init**
    - Type: **heroku git:remote -a <yourLastName>-ems**
  - Deploy your application
    - Type: **git add .**
    - Type: **git commit -am "Initial Deployment"**
    - Type: **git push heroku master**
  - Ensure at least one instance of the application is running
    - Type: **heroku ps:scale web=1**
  - Run the application
    - Type: **heroku open**
  - If successful, you should see the application open in a new web browser
    - URL - **<yourLastName>-ems.herokuapp.com/**

Heroku CLI Uninstall

- Click **Start > Control Panel > Programs > Programs and Features**
- Select Heroku CLI, and then click **Uninstall**

- You should also delete the .config/heroku directory inside your home directory