

TicTacToe Administration manual

Adalheidur Hreinsdottir
Anna Berglind Jonsdottir
Gretar Atli Gretarsson
Kristin Asgeirsdottir
Kristjan Thor Jonsson

November 23, 2013

1 Introduction

This manual will go through how to deploy,run and maintain this web application. The manual is written for ubuntu operation system.

2 Set up Ubuntu

To add a user with Ubuntu rights type the following:

```
sudo useradd -m newuser  
sudo passwd newuser
```

The -m will create a local folder for the user.

3 Set up Git

To install git:

```
$ apt-get install git
```

To clone the repository. Open the terminal, find good location and type in following lines:

```
git clone git@github.com:allgram/tictactoe.git
```

4 Set up Java

To install version 1.7.0 of java type following in console:

```
$ sudo apt-get install openjdk-7-jdk
```

5 Set up Maven

Before installing Maven make sure of having correct version of java by typing the following in console:

```
$ sudo update-alternatives --config java
```

To install Maven use:

```
$ sudo apt-get install maven
```

6 Set up Heruko

Start with installing the Heroku toolbelt for ubuntu:

```
$ wget -qO- https://toolbelt.heroku.com/install-ubuntu.sh -- sh
```

The other toolbelts can be found at <https://toolbelt.heroku.com/>. After installing the toolbelt you have access to the heroku command in your shell. Then login to Heroku using

```
$ heroku login
```

and insert your credentials. If you're asked if you want to generate a key, say yes. If not you'll have to generate a new SSH key using

```
$ ssh-keygen -t rsa  
$ heroku keys:add
```

If you want to create a new heroku app use:

```
$ heroku create
```

If you want to have a default app chosen from your apps:

```
$ git remote add heroku git@heroku.com:your-app-name.git  
$ git config heroku.remote heroku
```

To push from to your heroku app use

```
$ git push heroku master
```

Note: After you've connected you heroku app to travis, only "git push" should be enough.

7 Set up Travis

Start with installing *ruby1.9.1-dev* and update make by typing:

```
$ sudo apt-get install -y make ruby1.9.1-dev
```

Use *gem1.9.1* to install travis

```
$sudo gem1.9.1 install travis
```