**Administration manual**

**Introduction**This is Administration manual for the game TicTacToe. What you need to do to be able to deploy and run the game application.

**1.Linux Machine**

You have to use Linux machine, Ubuntu is well recommended. To see how you can set up Ubuntu you can go [here](http://www.ubuntu.com/download/desktop/install-desktop-latest).  
Beside tools below you are not supposed to set up anything else on that machine.  
**2. Install Git**

When Ubuntu is set up, install git using command: “sudo apt-get install git”  
After that you have to create git repository see [here](http://git-scm.com/book/en/Git-Basics-Getting-a-Git-Repository).

**3. Install Maven**

Use “sudo apt-get install maven” in local directory to install maven.

**4.Install Java**

Java 1.7 is recommended to appropriate work of the game use:   
“sudo apt-get install jdk 1.7.0\_25”

**5. Install Heroku**

Install heroku toolbelt on your machine using:   
“wget -qO- https://toolbelt.heroku.com/install-ubuntu.sh | sh”

After that you will be able to login on heroku using “heroku login” and you will be able to see already exiting apps and also create new apps.

To push on heroku app use:  
“git push heroku master”

**6. Install Travis**

To install travis we need first to install ruby1.9.1 use:  
“sudo apt-get install -y make ruby1.9.1-dev” to install it.

Then we are able to install Travis using:   
“sudo gem install travis”