

User manual

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Prerequisites

This softwares could be installed to use this application:

- Operating system – Ubuntu 18.04
- docker
 - <https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-on-ubuntu-18-04>
- python
 - *sudo apt-get install python*
- python pip
 - *sudo apt-get install python-pip*
- roslibpy library
 - *pip install roslibpy*
- pynput library
 - *pip install pynput*
- application
 - <https://github.com/KuboG/RecruitmentTask>

Launch application

To run application run this command (in directory where application is located): *bash launcher.sh*. The commands is starting whole application so it will take some time. After successful startup will appear window with turtle and console application with short instruction.

Instruction

The application is ready when quick instructions is displayed in console. Until this the message 'waiting for the container tu launch properly'.

- Use the arrow key to moving with turtle
- The direction of movement is print to console
- To close whole application press ESC
- To restart application use *bash launcher.sh* – this time is should be much more quicker
- To remove application tun this command: *docker rmi turtle-app*