

Technische Hochschule Wildau

Telematik



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# 1. General Information

## 1.1. System Overview

## 1.2. Organization of the Manual

## 1.3. References

http://www.arbowebforest.com/android/ArboWebForestUserManual.pdf

# 2. System Summary

## 2.1. System Configuration

## 2.2. User Access Levels

# 3. Using the Server

## 3.1. Run the application

Server and Administration application are combined together. To run the application you need to open terminal and type:

java -jar server.jar [option]

If you enter the wrong argument or run application with **-HELP** pargument you will get the list of all available options. (*Figure 1*)

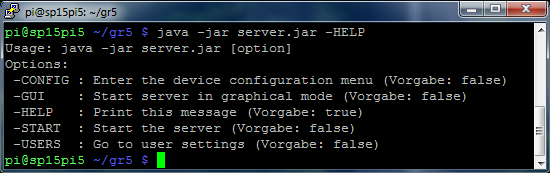


Figure 1- Help

## 3.2. First use

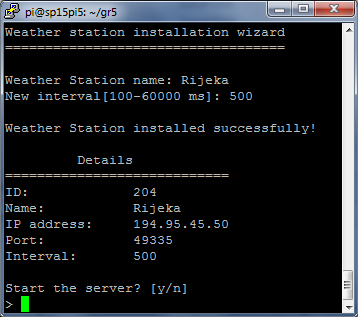


Figure 2- Installation wizard

When you start server (with **-START** or **-GUI** arguments) for the first time, the Installation Wizard would appear (*Figure 2*). Then you will be asked for the basic information about the device that you are registering. You must enter unique *Name* in order to successfully add a new device. Notice that ID, IP address and PORT will be inserted automatically.

## 3.3. Starting the Server

After installing the server you can simply run it with **-START** argument. (*Figure 3*)

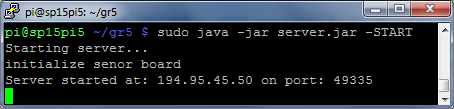


Figure 3- Server started

In case that the monitor is connected to the Weather station you can display current values in 7-segment digits by running the application with **-GUI** argument

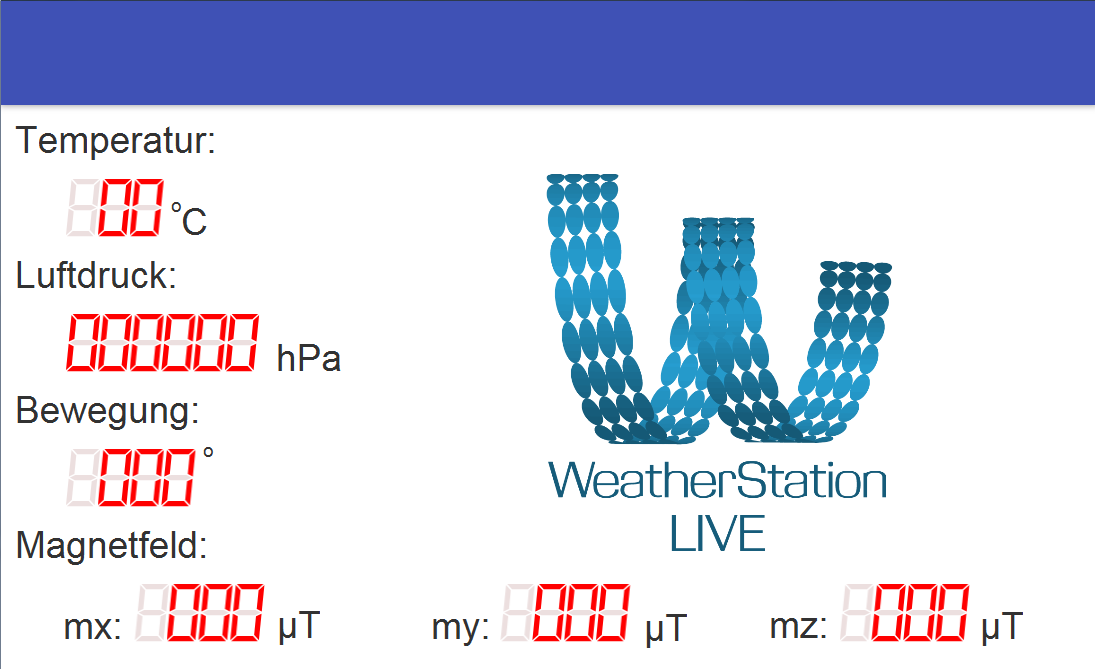


Figure 4- GUI application displayed on monitor

# 4. Device settings

In the Configuration menu you can show all the devices, and also edit or delete them.

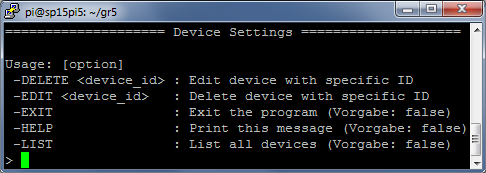


Figure 5- Configuration menu

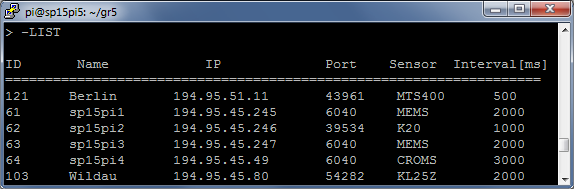


Figure 6- Device listing

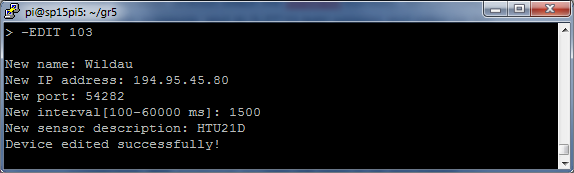


Figure 7- Editing a device

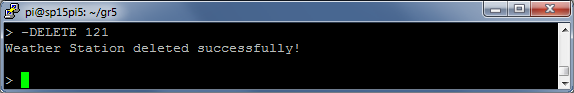


Figure 8- Deleting a device

# 5. User settings

In the User menu you can show all the users, add new user and edit or delete the existing one.

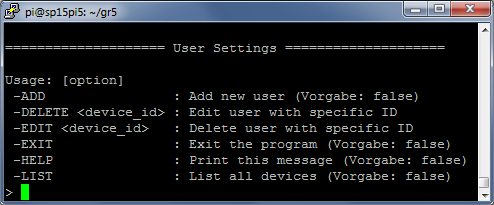


Figure 9- User menu

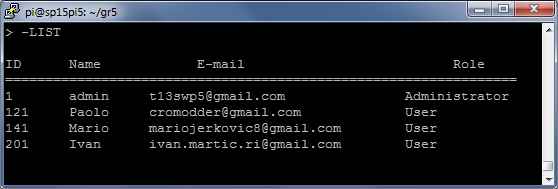


Figure 10- User listing

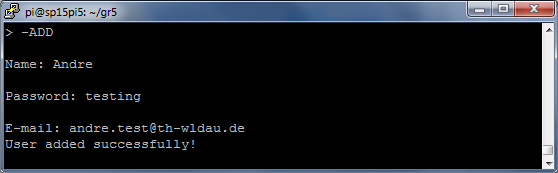


Figure 11- Adding new user

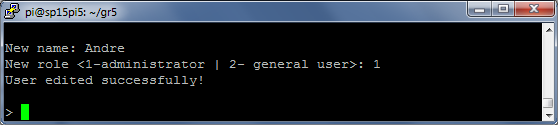


Figure 12- Editing existing user

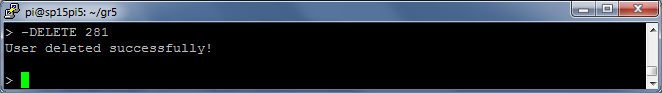


Figure 13- Deleting user

# 6. Exiting the program

To exit a program just enter **-EXIT**.