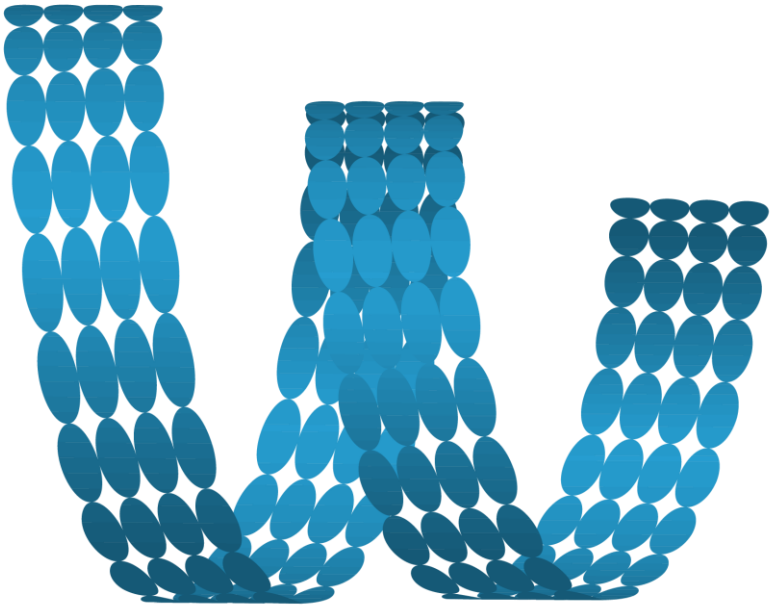
Technische Hochschule Wildau

Telematik



WeatherStationServer User's Manual

Wildau, 11.5.2015

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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*)

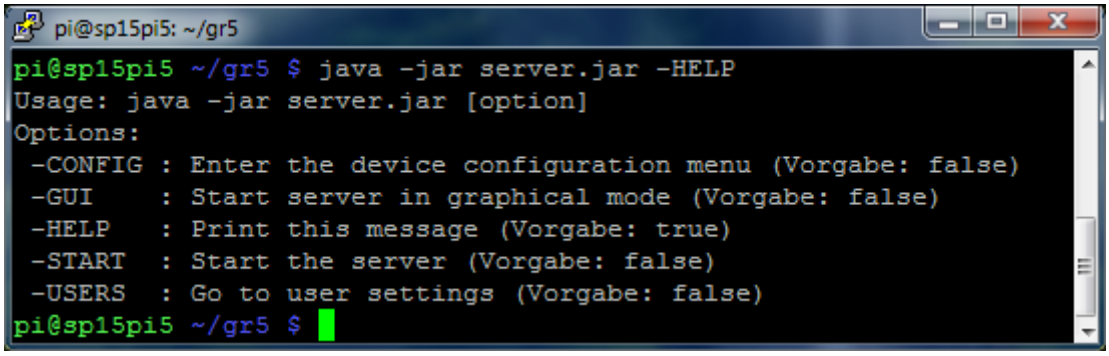

Figure 1- Help

3.2. First use

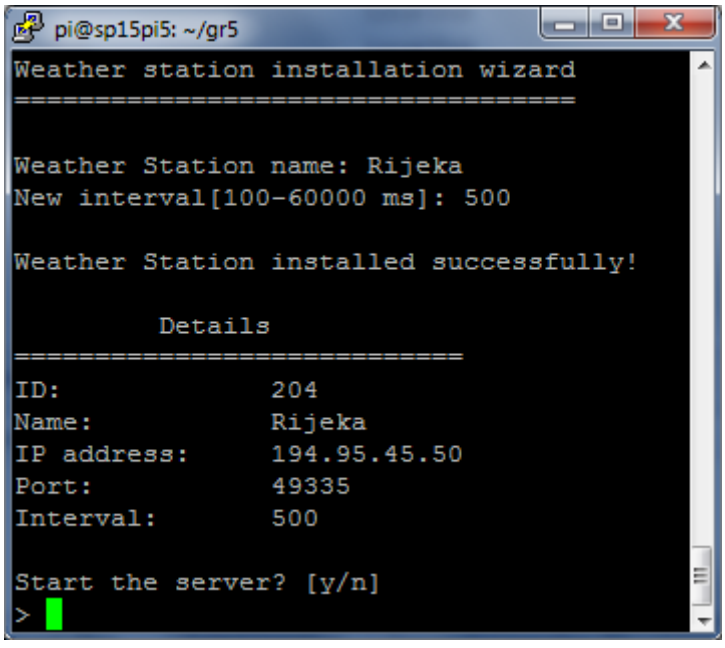

Figure 2- Installation wizard

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*)

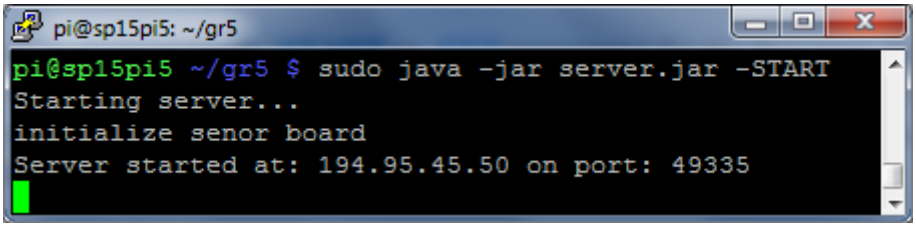

Figure 3- Server started

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

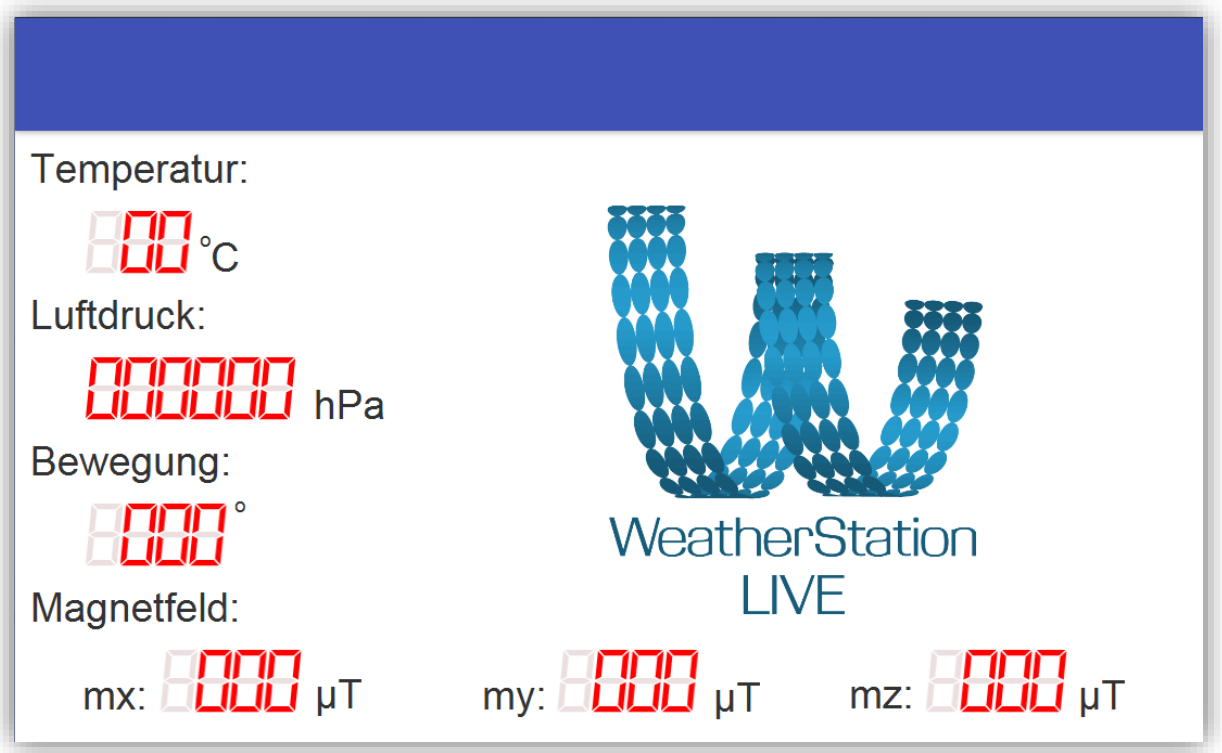

Figure 4- GUI application displayed on monitor

4. Device settings

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

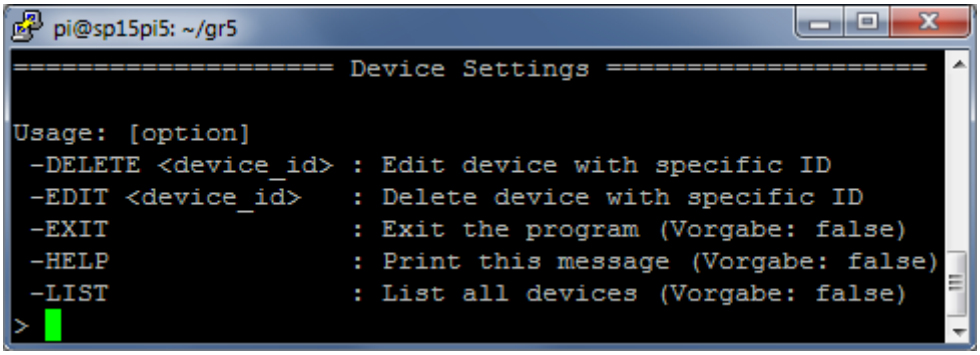

Figure 5- Configuration menu

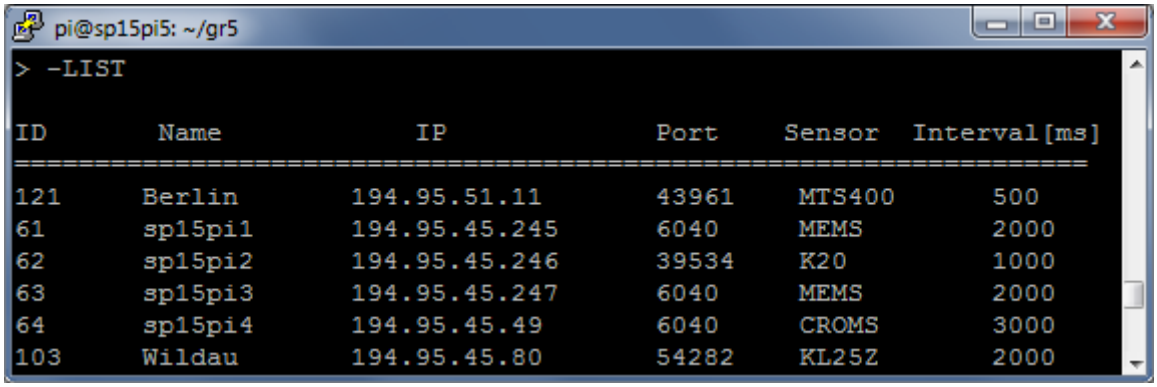

Figure 6- Device listing

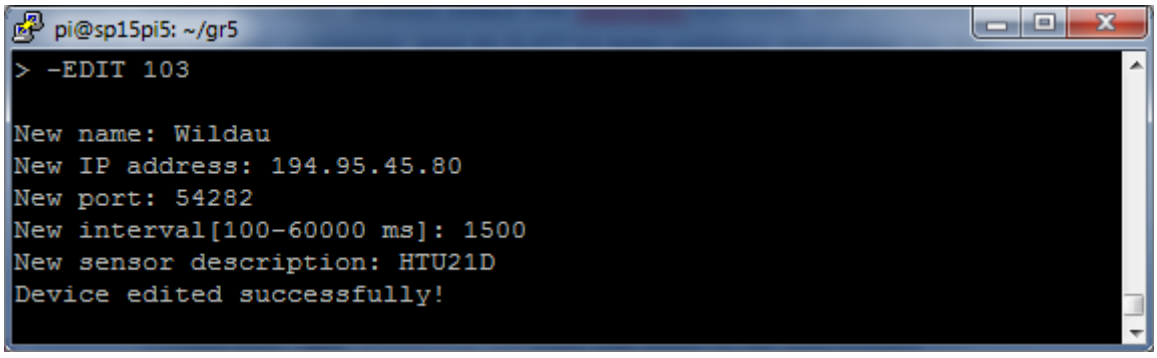

Figure 7- Editing a device

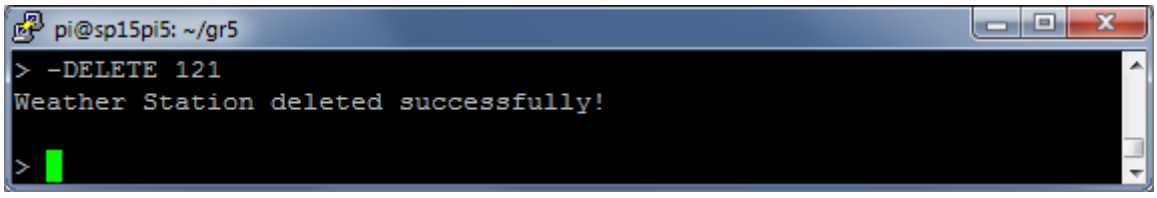

Figure 8- Deleting a device

5. User settings

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

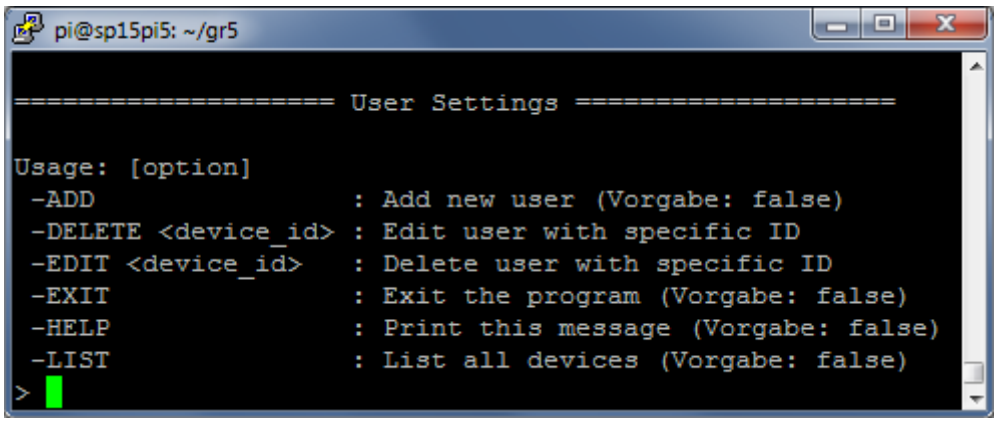

Figure 9- User menu

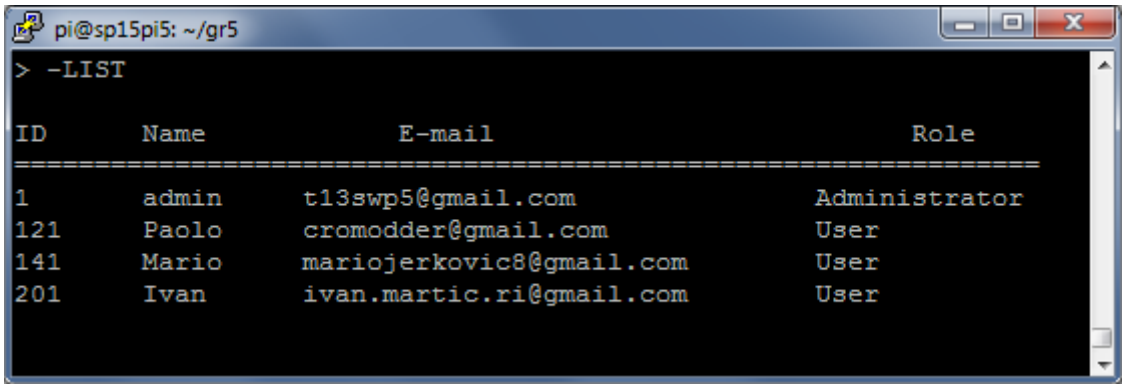

Figure 10- User listing

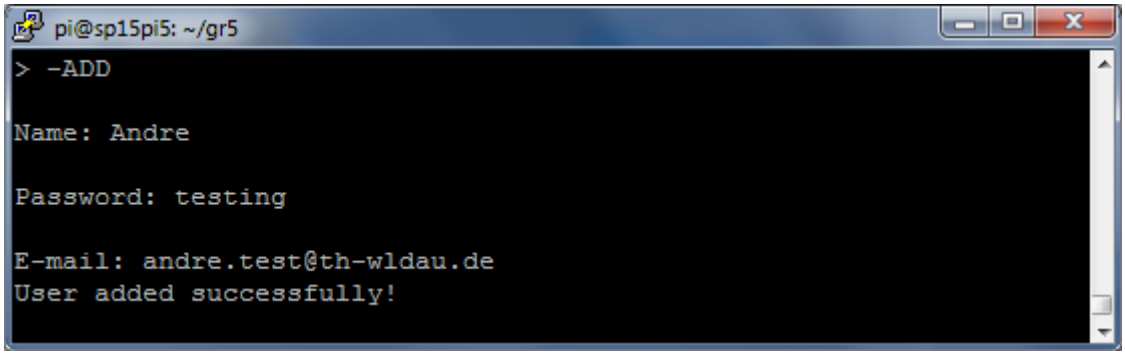

Figure 11- Adding new user

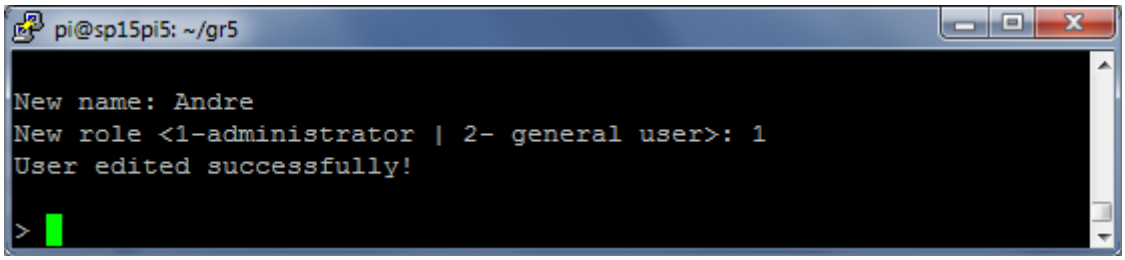

Figure 12- Editing existing user

Figure 13- Deleting user

6. Exiting the program

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