Documentation of Tomcat Servlet Interface

1. Introduction

The base station's information and functionalities can be accessed by various http requests, to explain which the purpose of this document is.

1. Base Address

The server is reachable by sending an http get request to its port 8080 using the servlet identifier "basestation-tomcat":

http://<tomcat-ip or device name>/basestation-tomcat/<url>/

1. Servlets

|  |  |  |
| --- | --- | --- |
| Servlet | End Point | Description |
| DevicesHandler | /devices | Used to find and connect to Bluetooth devices. |
| RawDataHandler | /data/\* | Used to get the collected data. |
| PredictionHandler | /prediction | Calculates predictions based on the measurements. |
| BluetoothUpdateHandler | /sensor-update | Used to inform the server that an update has happened. |

* 1. DevicesHandler

This Handler can be used to show a list of Bluetooth Devices and to connect to them. Calling the servlet will return a list of available and connected devices.

A Devices has a mac-address (String) and a status (int) [0: connected; 1: disconnected, 2: not available].

You can filter the list of devices by status by adding it to your request.

* 1. RawDataHandler
  2. PredictionHandler
  3. BluetoothUpdateHandler

No Information added yet.