

temperature-service

Service Description

Abstract

This document describes the **temperature-service** service.

Contents

1 Overview	3
1.1 How This Service Is Meant to Be Used	3
1.2 The temperature process	3
2 Information Models	3

1 Overview

This document describes the **temperature-service** service, that provides the current temperature from a given space. Its purpose is to provide data and publish on a topic.

1.1 How This Service Is Meant to Be Used

The service should be used to get the current temperature and based on it publish on a topic with a specific payload.

1.2 The temperature process

Calls on the readTemperature method in the DataService object where the data is retrived, checks whether or not the temperature is warm or cold and based on that it publishes on a topic with a specific payload. Lastly the temperature is returned.

2 Information Models

Field	Type	Description
temperature	Double	The temperature recived from the thermostat