

Daily Temperated Data

Service Description

Abstract

This is the template for Service Description (SD document) according to the Eclipse Arrowhead documentation structure.

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1 Overview

This document describes the Daily Temperated Data service, which is enables sending data to Data Processor for AI model input. The rest of this document is organized as follows. In Section 2, we describe the abstract message operations provided by the service. In Section 3, we end the document by presenting the data types used by the mentioned operations.



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1.1 Significant Prior Art

No significant prior part

1.2 How This Service Is Meant to Be Used

Used to send data from sensor to data processor

1.3 Important Delimitations and Dependencies

The data is a dictionary. It contains four key-value pairs. The four key-value parts are as follows:

- **dailyHigh:** Highest recorded temperature in 24h
- **dailyLow:** Lowest recorded temperature in 24h
- **dailyAvg:** Average of the last 24h
- **dailyTempSample:** A list of temperature records with sample frequency of every 10 min of the last 24h



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2 Service Interface

No service operations

3 Information Model



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5 Revision History

5.1 Amendments

No.	Date	Version	Subject of Amendments	Author
1	2020-12-05	5.0.0		Tanyi Szvetlin
2	2021-07-14	5.0.0	Minor updates	Jerker Delsing
3	2022-01-10	5.0.0	Minor updates	Jerker Delsing

5.2 Quality Assurance

No.	Date	Version	Approved by
1	2022-01-10	5.0.0	