

# Get Temperature HTTP/JSON

## Service Description

Service ID: *"get-temp"*



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**Get Temperature HTTP/JSON**  
Date  
**2022-12-12**

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## 1 Overview

This document describes the service of the "get-temp". The interface use HTTP REST protocol and JSON encoding.



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## 2 Service Interface

This section lists the functions of the service.

### 2.1 function **Get Temperature ()** : **TemperatureResponseDTO**

Called to get the last temperature log of the sensor.



## 3 Information Model

Data objects that can be part of the service. Note that all the structure are encoded in JSON :

### 3.1 struct **TemperatureResponseDTO**

Response of the temperature sensor, about the temperature measured.

Object Field	Value Type	Description
"Time"	long	Timestamp of the temperature log
"Value"	double	Value of the temperature log



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## 4 References

This document alongside any other document linked to this project are based on template documents, that are the description of "Intercloud Contract Negotiation and Automation" system, by Emanuel Palm [emanuel.palm@ltu.se]. I just adapted the template to my system.



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## 5 Revision History

### 5.1 Amendments

No.	Date	Version	Subject of Amendments	Author
1				

### 5.2 Quality Assurance

No.	Date	Version	Approved by
1			