

Heating System (Consumer) HTTP/JSON

System Description

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2022-12-12

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1 Overview

This document describes the Heating System Consumer system.

The Heating System produces and consumes the following services :The Heating System is a system that regulates the temperature of the chemical bath. It controls a heater (resistor heater for instance) and is supposed to have a feedback loop with the temperature received from the thermometer, therefore it needs the data produced by the thermometer.



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2 Services

The Heating System produces and consumes the following services :

2.1 Consumed Services

2.1.1 **Orchestration**

This service is used to get the information for the consumption of the application system.

2.1.2 **Temperature Log**

This service is the data from the thermometer that is requested regularly.

2.2 Produced Services

This system doesn't provide any services.



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3 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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4 Revision History

4.1 Amendments

No.	Date	Version	Subject of Amendments	Author
1				

4.2 Quality Assurance

No.	Date	Version	Approved by
1			