

Detection HTTP/JSON

Service Description

Service ID: *"get-detone" or "get-dettwo"*

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1 Overview

This document describes the service "get-detone" and "get-dettwo", as they work the same they will be referred to as "get-det" throughout this document. With the same principle "detone" and "dettwo" will be referred to as "det". The interface uses 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 Detection ()** : **SensorResponseDTO**

Called to send the detection value (Boolean). This value is supposed to come from a physical sensor. But in the demo it will simply be a biased random Boolean.



3 Information Model

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

3.1 struct **SensorResponseDTO**

Response of the detector about the presence of an object.

Object Field	Value Type	Description
"Detection"	boolean	Presence of an object



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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
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5.2 Quality Assurance

No.	Date	Version	Approved by
1			