

Guidance for JSON service descriptions

Supporting material for producing JSON service descriptions



entry point

This is the entry point for producing JSON service descriptions.

Page [JSON Service Descriptions](#) may help understand why producing JSON service descriptions, and the constraints applicable.

- [JSON Guidance](#)
 - [Guidance starting from requirements](#)
 - [Guidance starting from the schema structure](#)

Quick Link

[JSON example - Donlon TOBT Setting service description](#)

JSON Guidance

The guidance helps service description authors producing JSON service descriptions.

It is divided in 2 parts that represent represent 2 valid viewpoints: starting from the requirements and starting from the schema. These 2 parts are expected to be consistent and redundant. Using one or the other should be sufficient for producing JSON service descriptions. Using both is as well a valid approach.

Guidance starting from requirements

This part of the guidance material is sub-divided according to the origin of the requirements

- [Guidance on individual requirements](#) - for requirements from the Service Description specification
- [Guidance on non-spec requirements](#) - for requirements from other origins

Each requirement is made available on a separate web page for easy referencing and linking.

Each requirement page includes on a single page all information to satisfy the requirement. That is

- **Requirement.** The requirement table (with identifier, statement, rationale, etc)
- **Guidance.** General guidance to satisfy the requirement, if any
- **JSON Guidance.** JSON guidance to satisfy the requirement, with
 - Schema: excerpt of JSON Schema and applicable rule
 - Guidance: Guidance for producing the relevant part(s) of a JSON service description
 - Example: one or 2 corresponding examples in JSON

Guidance starting from the schema structure

This part of the guidance material consists of a table where each row represents an element of the schema.

- [Guidance starting from the schema](#)

Each row includes

- name and type of the element
- description and guidance for the element
- rule for this element (Mandatory, Optional, etc)
- link to the requirement(s) at the origin of this element (and so linking to the other part of the guidance)