



Main Call / Next Charter Detailed Planning Session Day 3

Sebastian Kaebisch

22 July 2023

IRC + Wiki

- Please join <https://irc.w3.org/?channels=wot>
- Who takes the minutes today?
 - First h: Ege
 - Second h: Luca
- Wiki:
[https://www.w3.org/WoT/IG/wiki/Main WoT WebConf/2023 WoT Next Charter Detailed Planning](https://www.w3.org/WoT/IG/wiki/Main_WoT_WebConf/2023_WoT_Next_Charter_Detailed_Planning)

Detail Agenda Planning

• Tuesday 20 June

- Clean up charter detail PRs (all)
- How to handle use cases and requirements?
- Policy
 - WoT versioning
 - Async decision making
 - Public communication (e.g., Twitter tweets, ...)

• Wednesday 21 June

- Progress check of some WoT main topics (max. 15min)
- TD topics (Ege/MichaelK)
 - Should also discuss <https://github.com/w3c/wot-charter-drafts/issues/59>
- Bindings (Ege/MichaelK)
 - Should also discuss <https://github.com/w3c/wot-charter-drafts/issues/14>

• Thursday 22 June

- Liaisons (Sebastian, Kaz; 60min)
 - OPC UA (15min; Sebastian)
 - Asset Administration Shell (15min; Sebastian)
 - Others (30min)
 - Digital Twins IG (Kaz)
 - WoT deployment (e.g., Smart Cities)
 - Other groups (e.g., JSON-LD, Web & Networks IG, Spatial Data on the Web WG, ...)
- Discovery (MichaelM; 1h)

• Friday 23 June (optional)

- Profile (Ben; 1h)
 - <https://github.com/w3c/wot-charter-drafts/issues/80>
- Architecture 2.0 (MichaelM; 30min)
 - including Security (<https://github.com/w3c/wot-charter-drafts/issues/57>)
- Working Mode & Timeline WoT 2.0 (30min; Sebastian)
- Cont. policy decisions

Liaisons – OPC UA (Sebastian)

- Sebastian gave a talk at the OPC UA Days about the potential usage of WoT in OPC UA (slides will be shared)
- There is also a OPC UA Podcast that talks about WoT and OPC UA
 - [Link](#)
- Planned a joint meeting between W3C and OPCF to talk about MOCA

Propose new Liaison – AAS (Sebastian)

- Asset Administration Shell (AAS)
 - Digital Twin of Assets (mainly assets for manufacturing industry)
 - Standardized by IEC 63278
 - Specifies different Submodels such as Digital Nameplate, Documentation, Product Carbon Footprint, Digital Calibration Certificate, etc.
 - Currently there is a WG that specify “Asset Interface Description” that follows W3C Web of Things Thing Description:

IDTA

Home

About IDTA

Use Cases

Technology

Content Hub

News & Dates

Asset Interfaces Description

02017

1.0

In Development

Standardization of the structure and semantics required to interact with an asset or service, e.g., to request/subscribe to specific data points or to perform operations based on communication protocols such as Modbus, OPC UA, HTTP, and MQTT. The W3C Web of Things Thing Description is considered to have a base line for content and structure for submodule definition.

- More details: <https://industrialdigitaltwin.org/en/>

Resources and Contacts

<https://www.w3.org/WoT>

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