

Report of MaaS-API working group

*19/1/2021, session #61
10:00h-11:00h, Teleconference*

Attended by (14)

Bon Bakermans (Ministry IenW)
Christian Cagnol (Axway)
Edwin van den Belt (DAT.Mobility)
Gerrit Saey (Censys)
Harmen van der Kooij (DBC)
Kushagra Sharma (Radiuz)
Marijn Roverts (PON)
Miroslav Spajic (MobilityEU)
Peter van Brakel (9292)
Ruud Mollema (Ministry IenW)
Stephan Rösli (SBB)
Theo Thuis (Qpark)
Tjalle Groen (Mpact)
Tu-Tho Thai (MobilityData)

Summary of decision points & feedback from actions from previous working session

The following tasks were defined during the previous sessions:

No.	Context	Task	Status	Due date
61.1	Parking standards and the possible use of the TOMP-API	Bon plans a meeting with WT2 and Theo Thuis (and experts of EPA)	To do	2-2-2022
61.2	Evaluation of source code TOMP/blockchain integration	Harmen asks whether members of the WG are willing to help the blockchain expert.	To do	2-2-2022
61.3	Technical maintenance of the website	WT4 is looking for help.	To do	2-2-2022

1. Approval of report of previous working session

The report of the previous working session (#60) was reviewed during this session and has been approved. It will be added to GitHub.

2. Data standards for parking

- Theo Thuis (EPA and Qpark) presents the developments of data standards for parking and the attempts to align with other domains, such as kerbside management, urban mobility and MaaS. Theo is chairman of the Scientific and Technical committee of the European Parking Association (EPA), which consists of 22 national parking associations and governs over 40 million paid parking spaces.
- In Europe that APDS (alliance parking data standards) is used and this will be aligned with the Dutch SHPV (warehouse for parking). The need for alignment in standards is big, because digitalization enables smart parking. In an optimal solution this is incorporated in other domains.
- The working group discusses about the alignment with APDS. It looks similar to the situation with NeTEx and GBFS/GTFS, where these standards provide information and the TOMP-API covers the whole dialogue between MaaS provider and transport operator. In other words, the TOMP-API is a business standard and facilitates deep integration.
- In Switzerland there have been initiatives to use the TOMP-API for integrate parking in MaaS. These were not (yet) successful due to the pandemic and a lack of data quality. The initiative is now on the shelf, but may start again next year.
- A more in depth meeting will be arranged with WT2 and Theo Thuis to discuss the compatibility of APDS and the TOMP-API (61.1).

3. Update WT1

- Version 1.3 has been successfully released.
- The source code of bloXmove with the blockchain/TOMP integration has been published. DBC is planning to ask a blockchain expert to dive into the code and evaluate the proof of concept. It would be nice if one or more members of the TOMP working group are able to help the architect (61.2). Edwin is interested.

4. Update WT2

- WT2 has first draft for TOMP specific Annex Template for the OpenBike spec, that is currently being reviewed. The input is soon presented to the Open Wheels workgroup

5. Update WT4

- Added a newsletter module to the website. Forenrollment: [Newsletter – TOMP-WG](#)
- Several blogs and press releases about blockchain, version 1.3 etc.
- WT4 does not have the expertise or capacity to technically maintain the website. The working group is requested to look if anybody can help.

6. Any other business

- The next Strategic Committee is planned for 7 February. Bon is collecting input for the meeting.
- The NOMAD project (MaaS standardization in the Nordics) is starting again and will be looking into the TOMP-API. Edwin keeps the working group updated.

Next online meeting (working session #62) will be on Wednesday 2-2-2022, 10:00h