



## Report of MaaS-API working group

*2/10/2019, session #10  
10:00-12:00, CROW, Jaarbeursplein 22, Utrecht*

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### *Attended by (9):*

Edoardo Felici (Ministry of IenW)  
Eddy Borremans (Nazza)  
Roberto Reyes Garcia (UTwente)  
Pim van der Toolen (Intraffic)  
Robert Baart (Paxx)  
Edwin van den Belt (DAT Mobility)  
Tim Cooper (Skedgo) – *via teleconference*  
Steven Haveman (UTwente) – *via teleconference*  
Tjalle Groen (Taxistop) – *via teleconference*

### **1. Summary of decision points & feedback from actions from previous working session**

All points from the Report of session #9 have been approved by the attendees.

The following tasks were defined during the previous sessions:

<i>No.</i>	<i>Context</i>	<i>Task</i>	<i>Status</i>
3.2	Ross brought up GDPR issues related to fraudulent customers. The obligation to remove end user data might allow misuse, as customers can sign up again without blacklisting. Stefan mentioned that GDPR does allow exceptions to prevent fraud, but this asks for a central organization to keep track of the blacklist on behalf of MSPs/TOs.	Edoardo will refer this issue to the End user data working group to address	To-do, will start again asap.

6.4	Roberto asked for the release of the documents <i>MaaS Base Code Tables</i> and <i>Connecting a MaaS Service Provider to the MaaS-NL-Router version draft, 0.1</i> Date: 21 March 2019 and <i>Woordenboek Reizigerskenmerken</i> .	Edoardo will ask if these documents can be released.	To-do
8.2	Define webhook schemas. See <a href="#">issue #12</a>	Edwin and Ross will work on a webhook proposal	Work-in-progress
8.3	Define a (generic) message header for all calls. See <a href="#">issue #48</a>	Tjalle to make a proposal for the headers	Done
8.4	a TOMP-API-for-Dummies guide would be of great value for stakeholders interested in understanding what the TO-MP API is and how it works. See <a href="#">issue #52</a>	Tim to make JSON-code samples for the TOMP-API-for-Dummies guide based on the spec updates.	To-do
9.1	Edoardo to approve Pull Request for v1.1 update	Edwin will add the latest updates to the pull request on github	To-do
9.2	YAML update by Edwin to be added on Swaggerhub	Edoardo to make this new version of the API in Swaggerhub open for everyone	To-do
9.3	YAML update by Edwin to be added on Swaggerhub	Roberto will update list of API calls in the blueprint and attach it to the operational flows for a better overview (9.3)	To-do
9.4	The allocation of a specific asset will be made explicit in the Trip Execution process, prior the start of the trip (probably as part of the "preparing state")	Roberto will integrate it to the TE operational flow	To-do
9.5	Suggestion to change the format of the TO-MP API to REST API standard	Robert and Edwin will work on the changes (see <a href="#">issue #54</a> )	To-do

## 2. Approval of report of previous working session

The report of the previous working session has been approved without comments and will be added to Github.

## 3. Walkthrough list of current pull requests & issues

Using <https://github.com/efel85/TOMP-API/>

Approved during the meeting:

- None

Issues discussed during the meeting:

- Pull request "[Consistent planning & booking, also reizigerskenmerken](#)" made by Edwin needs to be updated following the latest discussion on RESTful notation (see below).
- Discussion held on lon-lat vs lat-lon. October 2<sup>nd</sup> is last day to vote on Github on preferences, after which the majority will decide which version to choose.
- Tjalle reported on his proposal for message headers as described on Github. This also determines the choice of a token in the json header as an authentication key.
- The use of the term PENDING vs QUOTE in the booking states was discussed. We will stick to the term PENDING, as QUOTE implies that a one-sided commitment has been made by the TO that the user still has to accept based on the given price, while PENDING implies a temporary two-sided commitment while the user is selecting the various options for the other legs and the prices have already been fixed during the availability request.
- The different options for REST-notation were presented by Edwin and Robert. The working group decided to stick with the most RESTful notation option, as this will facilitate wider use outside of the current usual suspects. The specs for v1.1 will be updated accordingly by Edwin and Robert.
- The MaaS Guide for Dummies was discussed. Tim will post the document as it has been worked on so far on Google Docs for collaborative editing. Once this has been brought to a satisfactory level, it will be transposed to the Wiki-page on Github.
- It was discussed that version 1.1 of the Blueprint will also be published with updated texts and diagrams reflecting the work of the past few months.
- A walkthrough of the issues on Github was held, with the following conclusions:

Issue #	Status	Comments
7	Closed	Referred in issue #48

9	To be completed	Can be closed after 1.1
10	To do	Not needed for v1.1
12	To do	Not needed for v1.1
15	To do	Not needed for v1.1
17	To be completed	Woordenboek Reizigerskenmerken to be added to Blueprint as Appendix
26	To be completed	Can be closed after 1.1
27	To be completed	Can be closed after 1.1
28	To be completed	Can be closed after 1.1. New issue on overlays opened.
29	Closed	Implemented in issue #48 on headers
34	Closed	Implemented in new RESTful notation
37	To be completed	Can be closed after 1.1
38	Closed	Implemented in new RESTful notation
39	To do	Trip Execution phase. Not needed for v1.1
42	To do	Not needed for v1.1
45	To do	Not needed for v1.1
46	Closed	Not an issue, close and move to wiki
48	To be completed	Can be closed after 1.1
49	To be completed	Add to Blueprint v1.1
50	To do	Not needed for v1.1
52	In progress	Not an issue, close and move to wiki
54	To be completed	Can be closed after 1.1
55	To be completed Oct 2 <sup>nd</sup>	Can be closed after 1.1
56	To be completed	Can be closed after 1.1
57	To be completed	Can be closed after 1.1
58	To be completed	Can be closed after 1.1

#### 4. Determine tasks for next meeting

- See numbered tasks above
- Everyone is requested to check [all issues in github](#) and contribute where possible.
- What are the next steps towards implementation?
- 4 October: updated code available for review
- 11 October: updated Blueprint v1.1 available for review
- 16 October: approval of updated code and Blueprint in meeting

#### 5. Any other business

- Edoardo will ask Accept Institute to update the testing environment to v1.1