



Report of MaaS-API working group

11/12/2019, session #15

10:00-12:00, Radiuz, Jaarbeursplein 11, Utrecht

Attended by (10+3):

Luud Schimmelpennink (Witkar)

Robert Baart (Paxx)

Perry Kruin (Emotion)

Jef Heyse (Radiuz)

Kushagra Sharma (Radiuz)

Edwin van den Belt (DAT Mobility)

Roberto Reyes Garcia (UTwente)

Steven Haveman (UTwente)

Arjan Vaandrager (KNV)

Sonila Metushi (KNV)

Tjalle Groen (Taxistop) – *via teleconference*

Ross Curzon-Butler (Cargoroo) – *via teleconference*

Olaf Bender (Urban Mobility Innovations) – *via teleconference*

1. 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
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.	Bon will refer this issue to the End user data working group to address	To-do when dealing with registration	08-01-2020

14.1	Different scenarios for payments were discussed	To be discussed by all in the Payment subgroup in Slack. User stories will be created and derived from that discussion.	In progress	08-01-2020
14.2	New parties and companies need an easy way to be updated on the TOMP-API	Kushagra will create an onboarding form on github. The mailing list will be updated accordingly	To do	08-01-2020
15.1	Open pull request	Group to check description and make a technical review	To do	08-01-2020
15.2		Roberto to check if the process flows need to be adjusted accordingly	To do	08-01-2020
15.3	The governance and future structure of the TO-MP API WG need to be defined	Ross to come up with a proposal. See also issue #68	To do	08-01-2020
15.4	To facilitate the visualization of the future developments of the TO-MP API WG a roadmap should be designed	Steven and Roberto to come up with a proposal of a high-level roadmap. See also issue #79	To do	08-01-2020
15.5	Licensing options for the TO-MP API	Group to decide on licensing. See also issue #68	To do	08-01-2020
15.6	Data sharing from a city perspective is deemed relevant for the TO-MP API WG	Ross/Jef to arrange a date and send invitation to representative(s) of the city of Amsterdam to give presentation	To do	15-01-2020
15.7	Uncertainty on the work of the <i>Learning environment</i> working group led by the Ministry of I&WM	Bon to investigate current status, look for synergies and give update to the TO-MP API WG	To do	08-01-2020
15.8	New Github repository not bounded to NL (i.e., mass.nl) but with an open and independent "TO-MP API WG" domain should be created	Kushagra to make new Github repository as described in AOB (point 9.2)	To do	08-01-2020
15.9	Some group members have not received the previous report and agenda.	Bon to update mailing list	To do	08-01-2020
15.10	Present the work of the TO-MP WG in MaaS Congres 2020	Bon to investigate whether Edoardo can still present or someone else should take his place	To do	08-01-2020

2. Approval of report of previous working session

The report of the previous working session (#14) was reviewed during this session. It has been

updated according to the comments from the group. The updated version of the previous report will be added to Github.

3. Walkthrough list of current pull requests & issues

- Currently 1 open pull request. See: <https://github.com/maas-nl/TOMP-API/pulls>.
 - Issues involved in pull request: #42, #61, #72, #74, #75, #77, #78, #81
 - Edwin explained the additions/changes in the pull request.
 - The description of the pull request is available [here](#).
 - Edwin requested a technical review of the pull request. **Commitment from the group is to check it in the coming period and make comments in Github (15.1)**. Pull request to be approved during next meeting on 08-01-2020.
 - Roberto to check if the Planning and/or Booking and or Trip Execution process flows need to be adjusted accordingly **(15.2)**
- No other issues discussed.

4. Payments

- Discussion in slack has been quiet.
- Jef made a proposal for the scope of the payment module in the TO-MP API.
 - The group went through the proposal document and Jef explained the main points.
 - Document can be found in the Slack payment chat group.
 - **The group is encouraged to actively participate in the (Slack) payment discussion! (14.1)**
 - A new pull request to be originated from that.
- The group agreed on **March 1st 2020** as the **milestone for v1.2 of the TO-MP API and blueprint**, which will include the payment module.

5. Presentation from KNV

- KNV is actively involved in MaaS developments and they are searching for synergies with the TOMP-API.
- Sonila gave a short presentation with more details about KNV, its goals and its Maas-Lab initiative.
 - A clear overlap between the goal of MaaS-Lab (i.e., *create the right conditions for the development of MaaS in NL*) and the work of the TO-MP API WG.
 - Two actions for the future collaboration between KNV and the TO-MP API WG were identified:
 - Get KNV members actively involved in the TO-MP WG
 - Explore the possibilities of joining forces for the further development of the TO-MP API and future developments
 - Presentation of will be available on Github/Slack if approved by KNV.

6. Governance and management of the works of the TOMP-API working group

- The governance and future structure of the TO-MP WG need to be defined. A specific session should be dedicated for that.

- Ross briefly explained some ideas about the creation of a foundation for the governance of the TO-MP API WG. See examples in [issue #68](#). Ross will come up with a proposal for the future structure of the group (15.3).
- A high-level roadmap with the TO-MP API developments to be proposed by UT team (15.4) ← group can share ideas in [issue #79](#).
 - GDPR to be included as one of the roadmap points
- Both, the governance proposal by Ross and the high-level roadmap proposal by the UT, to be reviewed during next meeting (8th of January 2020)
 - A date and participants for the specific “Session on Group Governance” also to be determined during next meeting.
- Discussion on licensing possibilities also to be addressed within the governance discussion.
 - Two main candidates right now: Apache 2.0 and EU Public License.
 - The group has been asked to review the options and prepare their vote (15.5).

7. Discussion on support data sharing with municipalities

- Ross raised awareness of the importance of data exchange between cities and Mobility Service Providers (MSPs) (both TOs and MPs), and the relevance of having a say from the TO-MP API WG.
 - Currently, most cities are looking at MDS as the standard for data sharing. However, MDS was designed from an American perspective and it is currently managed by cities (not MSPs).
 - In the American context, GTFS and GBFS are being used for (data) collection and MDS for (data) exchange.
 - As an active group in the field of data exchange, the TO-MP API WG should explore the possibility of providing guidelines for the cities on what are effective and convenient ways of exchanging data between MSPs and the cities.
 - Possibilities are to include an endpoint in the TO-MP API that facilitates (cities’) data sharing or an aggregated module for city data sharing
 - However, data sharing for cities is not the scope of the TO-MP API.
 - The creation of a different API, for data sharing, is therefore an option that should be considered by the group.
 - Steven added that, in the end, a data sharing API could not only be valuable for or usable by cities, but also for/by other parties. For example, data analytics companies.
- Ross (and Jef) are in contact with the city of Amsterdam. A presentation from them, on the importance of data sharing from a city perspective is to be planned for one of the coming sessions (15.6).
- There is uncertainty in the group about the developments of the learning environment working group and other specifications related to MaaS. Bon to investigate status and possible synergies between both working groups (15.7).

8. Determine tasks for next meeting

- See numbered tasks above and contribute to issues on Github.

9. Any other business

1. Jef explained the difference between the involvement and commitment from different stakeholders concerning the TO-MP API WG. So far, many parties are involved but only a few are demonstrating commitment. The group is encouraged to increase and strive for the commitment from each party.
 - This is also a point to be discussed in the "TO-MP API WG governance session".
2. New Github repository not bounded to NL (i.e., mass.nl) but with an open and independent "TO-MP API WG" domain should be created **(15.8)**.
 - Should be an open repository where everyone can create, comment and assign tasks. But the approval of pull requests and the overall management of the repository would be in charge of only a few ← to be determined within the governance discussions.
 - The webpage for the better dissemination and management of the mailing list will also be included in this new Github page **(14.2)**.
3. Some group members have not received the previous report and agenda. Bon to check and update the mailing list **(15.9)**.
4. The two official channels for the communication and dissemination of the TO-MP API WG are [Slack](#) and [Github](#).
 - Slack for the internal communication among dedicated subgroups.
 - Could also be an option for the conference calls (?) ← to be determined in next meeting.
 - Github for dissemination and comments on a technical level of open issues.
5. The group agreed on the continue having the meetings on Wednesdays (10.00h-12.00h) every 2 weeks.
 - Next meeting is planned on the 8th of January 2020. Location and agenda to be sent by Bon.
6. Update from previous session:
 - Edoardo Felici is listed in the MaaS Congres 2020 programme as speaker. Bon to investigate whether Edoardo can still present or someone else should take his place **(15.10)**.