



Report of MaaS-API working group

29/5/2019, session #1

10:00-12:00, CROW (zaal fiets), Jaarbeursplein 22, Utrecht

Attended by:

Edoardo Felici (Ministry of IenW)
Steven Haveman (UTwente)
Ross Curzon-Butler (Cargoroo)
Pim van der Toolen (InTraffic)
Rob Verkerk (Nazza)
Robert Baart (Trevvel/Paxx)
Jef Heyse (Radiuz)
Himanshu Gautam (Radiuz) *on skype*
Michiel van der Vergt (NS)
Reinald Bronkhorst (Stapp.in)

1. Quick overview and background of the API-initiative

Edoardo gave a short overview of the API-initiative, starting with the Openbike agreement and the consultations with on-demand car companies, the feedback sessions with the pre-competitive dialogue parties and framework agreement parties of the MaaS-programme and the international collaboration in the MaaS-alliance and Benelux working group. Goal for this working group is to collaboratively continue the API development and testing for implementation. The Ministry can facilitate this working group as long as the MaaS-programme is running. End goal is to hand over the organization of this working group to a (new or existing) public-private initiative (t.b.d.).

2. Discuss workflow of the MaaS-API working group

- a. Status and responsibilities of documentation, testing, descriptions, MaaS-routers, online collaboration platform etc.*

A discussion was held on the necessity and possibility to include SDKs in standardization process or determine unified protocols, because according to

Himanshu this is currently an issue with e.g. bikesharing companies that each require a different SDK to open their locks. This puts an impossible burden on a MaaS-app (in terms of app size in MBs).

- This will be discussed by Rob and Ross during the Openbike-meeting next week. Might be a topic to cover within their group. Otherwise it could be adopted as a parallel task for this WG. (1-1)

For new companies in the WG, Pim suggests to use a document defining responsibilities between different actors in the ecosystem.

- Edoardo will check if the Dataspace document as defined by the MaaS-programme has been published. (1-2)

For the further development of the Blueprint, Ross suggests to use readthedocs.org

- Edoardo will check if this can be used and will then transfer the Blueprint. (1-3)

b. Decide which aspects to start with for further development

Suggestion in the WG is to start with the 'central core' of the API: the Planning, Booking and Trip Execution modules. Focus first on getting the Booking module to work correctly. Himanshu suggested that Operator Information is also essential to the 'central core'.

- This must be kept in mind during development, and could be picked up in parallel if necessary.

c. Decide how deep the specifications need to be described

The JSON-files to be exchanged, in line with the process flows in the Blueprint, have to be defined and standardized. After this works, then look at further options to standardize language, frameworks etc. if the WG deems this necessary.

3. Walkthrough list of current issues

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

Issues should be subdivided into the different modules for more clarity

- Edoardo will subdivide issues using Projects in Github, where each module will be a separate project.

Issues were discussed to understand the current discussion points. Feedback from the meeting will be added to the issue comments. All members agree to be active participants in posting and commenting on issues.

- Suggestion to host our own Swagger server at Accept for automated sync with Github will be checked by Edoardo (1-4)

4. Determine planning for upcoming releases

- a. Who takes on which roles & responsibilities?

Edoardo will chair the WG until further notice. Minimum goal is to have the 'central core' successfully implemented with different stakeholders before the end of 2019. This requires active online participation from everyone involved. As a working process, only conflicting or controversial issues and pull requests will be discussed face-to-face in the WG, the rest should be handled through Github.

5. Any other business

The name MaaS-API is deemed too generic (and also used in MaaS-Alliance), GTOAS is unpronounceable, therefore the suggestion by Steven to use TOMP-API (Transport Operator MaaS Provider-API) is adopted. The Github name has been modified accordingly.

WG members present in the meeting approved to have their names listed in Github README and emails shared within the group, unless otherwise stated.

Next meetings will be held at CROW until further notice (next is 12/6, 10am-12pm)