



## Report of MaaS-API working group

*26/6/2019, session #3*

*10:00-12:00, Radiuz, WTC, Stadsplateau 11, Utrecht*

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### *Attended by:*

Edoardo Felici (Ministry of IenW)  
Roberto Reyes Garcia (UTwente)  
Steven Haveman (UTwente)  
Ross Curzon-Butler (Cargoroo)  
Gerke Henkes (Nazza)  
Robert Baart (Trevvel/Paxx)  
Pim van der Toolen (Intraffic)  
Himanshu Gautam (Radiuz)  
Edwin van den Belt (DAT Mobility)  
Martijn van der Linden (Mobiliteitsfabriek)  
Stefan de Konink (Stichting OpenGeo)

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

Edoardo walked through the decision points and tasks from the Report of session #2.

All points have been approved by the attendees.

- For use in future publications, all WG members are again requested to grant permission to use their company name and logo. Please send this approval and logo-picture to [edoardo.felici@minienw.nl](mailto:edoardo.felici@minienw.nl).
- The End-user data working group will be continued again shortly to discuss UserID, authentication and identification. Edoardo will communicate this to all members when this is the case.
- Stefan confirmed NETEX will be a mandatory standard for all TOs starting December 1<sup>st</sup>.

## 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:

- PR24 (consequent formatting needed)
- PR30 (add contributor for Stichting OpenGeo)

Issues discussed during the meeting:

- In NETEX stop definitions are standardized. It is important that Accept uses this as well in their base code tables, as NETEX will be mandatory starting Dec 1<sup>st</sup>.
  - Edoardo will refer this to Accept. (3.1)
- 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. (3.2)
- Ross mentioned the necessity to discuss data-sharing sensitivities in the working group, as the amount of sharing should be minimized to protect business models. This will be addressed as the minimum data sharing requirements will be defined within the different API modules.
- The enumeration for type-of-asset was discussed. Suggestion by Himanshu to re-use the features within the Accept-API to start with. Stefan suggested to re-use the Datex II transport type or vehicle type definitions.
  - Himanshu and Stefan will place the relevant documentation and examples on Github. (3.3)
- The logic and clarity between the Planning and Booking API-modules was addressed, as some confusion appeared as to which functions take place in which modules.
  - Gerke, Ross and Himanshu proposed to set up a sub-working group to try and create clarity in these processes. (3.4)
  - Gerke has implemented a similar process logic and is willing to share the insights with the working group. (3.5)
- The semantics and functions of the Booking state were addressed based on Pim's comments on Github. Main feature is to introduce an Option state during

which the User is presented with the different travel options, without the obligation for the TO to keep the asset temporarily reserved. Himanshu proposed to go through the semantics for each different modality in the next WG-session, as the booking process/relevant wording can be different for each.

- Pim will update the issue #9 based on the suggestions (3.6)
- The sub-WG (see 3.4) will make first suggestions for this (3.7)
- Edoardo will add this point to the next agenda (3.8)
- Code conventions: Edwin's pull request on Github to use kebab-case in the specs was approved.
- Ross put forward different methods for implementing webhooks. Different options were discussed. Himanshu mentioned that Accept already has authorization keys implemented which can be re-used.
  - Ross will summarize these options on Github, so WG members can start looking into their preferences. (3.9)
  - Edoardo will check possible re-use of Accept authorization processes (3.10)

#### **4. Determine tasks for next meeting**

- See numbered tasks above
- Issues have been assigned to contributors through Github.
- Everyone is requested to add new issues to Github and assign issues they wish to solve themselves.

#### **5. Any other business**

- Ross suggested to set up a Slack channel for communication. Github will remain the 'official' API-implementation platform.
  - Ross will setup a Slack channel. (3.11)