

# 2018-08-01 openMDM General Assembly

Mittwoch, 1. August 2018 10:05

## Members Present:

- Ralph Müller / Eclipse
- Angelika Wittek / Eclipse
- Ulrich Bleicher / BMW
- Christian Krenner / AUDI
- Matthias Ebeling / DAG
- Hans-Drik Walther / Karakun
- Guido Schneider / Peak Solution
- Stefan Ebeling / BMW
- Gert Sablon / Siemens
- Stefan Wartini / MBBM
- Ralf Nörenberg / HighQSoft / protocol



Siemens &  
MBBM An...

## Driver Member Presentation: MBBM / Siemens Presentation

- Short summary on openMDM architecture
  - Objective: openMDM API development 6 steps to achieve PROD quality
    1. Authentication
    2. Physical Quantities/Units
    3. Performance for large data sets
    4. Measurement locations
    5. Sensor data
    6. Data storage – ASAM ODS 6
  - Steps taken by MBBM / Siemens
    - o Authentication & Roles
    - o Quantities & Units
- Objective: ODS conformant integration of PAK cloud (next to ODS server)
- When demonstrator is implemented, end customers will be approached
  - Question 1: When is the point in time that openMDM 5 can replace openMDM4 systems?
    - Overview of missing components / feature sets is missing (gap analysis)
  - Question 2: Sustainable financial model to achieve that?
    - Outlook: Membership fees are not enough
    - 2 members already prepaid
    - Status: 20k debts of community with Eclipse**
    - Discussion on: Base funding vs. Completion of Middle layer vs. Specific (Project)
- Functionality
- AUDI: Completion of middle layer requires requirements specification (see above). Increase of membership fees is not suitable
  - MBBM: Base funding must be at minimum level for maintenance
  - Group is in favor of a technical lead within the base funding / core technology of the openMDM API similar to Linux / Torvald model. Technically, this currently would be the steering committee. This is regarded as not suitable.

Topics were discussed but no decisions were made. The discussion does not necessarily reflect the opinion of the presenter.

## Driver Member Statement (no presentation): BMW

BMW gives commitment that openMDM is strategic component of further projects. Some of the

basic items (roles, security, ...) of the openMDM API will be part of the commitment and project(s) by BMW. Thus, BMW will have projects that will offer contributions to fulfil the basic scope of the middleware layer.

The commitment is a decision that was made.

**Driver Member Statement (no presentation): DAG**

DAG commits to openMDM for "functional data" project(s). It will be based on openMDM data model but will be a fat client development. The transformation of the DAG use-case to components that will flow back to openMDM (API or is not clearly defined yet).

**Driver Member Statement (no presentation): AUDI**

AUDI has a very broad user-basis of openMDM (4) with around 5000 users. AUDI has an internal project to "bring test data management to the next level". Planned is a migration project to openMDM 5. It needs to be stable.

AUDI is driven by "Autonomous driving" use-cases that require new use-cases and better progress (ODS / BODS / openMDM or other)

AUDI requests decisions to be made by September 2018 if the working group is going forward. Otherwise there will be alternatives. This would require discussion about "exit strategies / future scenarios" as a last resort.

The statement is a rehearsal of the statement given in the last meeting (May 2018). The statement did not change.

**ASAM Statement (no presentation)**

Short introduction on ASAM activities:

- openX Standards (please request details)
- BODS status and future activities
- approach and outlook on strategy on autonomous driving

Eclipse: working groups are available: openPARSE

**Fiscal year based on account information**

Currently, the balance is negative with ~20k€. With all membership fees due August, the community will have a budget of ~200k€.

There are 2 project commitments by DAG and BMW that work on the openMDM API. This is a positive development. Structural costs can be covered until January / February. After that, the situation is unclear.

At least three choices were discussed as potential

1. Find an investor to take over openMDM as a solution
2. Find a solution with a "greater scope" as ASAM / other organization
3. Hard exit after v1.0

All choices require the Eclipse EPL.

Evaluation concludes that the working group is running underfunded for the past years. This may be one of the reasons why progress is rather underwhelming.

**Technical Summary + Discussions (Wittek):**

Status described based on versions, number of commitments (over time) / contribution activity, committer status and such. All data can be viewed "live" on "<https://projects.eclipse.org/project/technology.mdmb/who>" and is mostly self-explanatory.

- Milestones 3 and 4 were produced within July 2018.

- Continuous Integration was introduced.
- Documentation is almost ready
- Testing / Review is in good shape - processes are defined
- IP checks are done - unchecked libraries are validated

#### Organization Notes on Technical Issues:

General discussion on external contracted deliveries (by OEMs) that should be included as a contribution within Eclipse: If - even for testing - a preliminary version based on openMDM components is provided from supplier to OEM which is not contributed to Eclipse beforehand, there is a breach of legal rights. Technically, ideas & components should / must be delivered to Quality / Architecture Committee beforehand. Changes need to be "reported" beforehand. This issues is about editing existing, original code under the EPL and delivering it to a third party without a public notice and public availability.

Tasks displayed have to be funded as general activity. This can be done by membership fees (base funding) or project funding. This decision must be made by members / SC.

Switch to EPL v2 was proposed as next decision item for new SC board.

Wish list for future is discussed as her per slide shown. Big items are

- JIRA administrator.
- Revive QC
- Around 1,5 FTE / year

Note: Feedback about items to improve is good but would need a "price tag" for future prioritization. This is done on prepared slides.

SC should have calls every 6 weeks.

Karakun offers JIRA administration as a service.

DAG: Compliance requires information to be transparent for 6 years. This currently an issue.  
Answer: Eclipse does provide service "as long as they are existent". Each member should take his or her measures to archive "relevant data".

#### **Elections**

SC member - application provider: HighQSoft

SC member - solution provider: Peak Solution

Vote on "Head of AC": Only candidate is "Stefan Ebeling / BMW"

Vote on "Head of QC": No vote as unified with AC activities

The election for the head of SC was aborted. After discussions, the idea to abandon the position of a "chair" was discussed. The charter requires a SC and a "chair". Eclipse accepted a qualifying period to await a new election in a new year.

#### **Service Provider services**

JIRA Administration - Karakun - Person tbd

Build Scripts - Peak Solution - Person tbd

Test Avalon ODS Server - HighQSoft - Administration zu Milestone Releases - Alexander Ziller

AKKA / Gigatronik is open

AUDI will request services and legal aspects with EFS. Eclipse: EFS has all rights as member.

Gigatronik did not terminate membership thus AKKA is member.

#### **Introduction Karakun**

New company founded out of Canoo. Main topics in "cloud services" and "syntactic search / deep learning". Most topics such as TDM / MDM are with Karakun. Canoo exists as a separate

company with own strategy and focus such as "fintec".

**Organization**

Question towards contract of Mrs. Wittek. Current contract expires until end of August. Agreement is that Eclipse can contract Mrs. Wittek if funds are available. Contract duration is end of 2018. 22h per week is requested.

It was decided that EPL2 will be introduced.

Peak Solution - abstention

AUDI - abstention

BMW - accept

Siemens - accept

MBBM - Accept

DAG - accept

HighQSoft - abstention

Meeting end.