

# openMDM Architecture Committee

Meeting Notes: 2019-12-13

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## Attendees

The following members were present:

- Stefan Ebeling (BMW AG)
- Matthias Koller (Peak Solution GmbH)
- David Schumm (Daimler AG)
- Stefan Wartini (Müller-BBM VibroAkustik Systeme GmbH)
- Angelika Wittek (openMDM Toolkit Manager)

## Topics

### Sparse Documentation (D. Schumm)

For someone new to the openMDM environment using our product is not that easy because of hard to find or sparse documentation. Especially from a business point of view it's difficult to understand the benefits of our software.

The AC members agreed on this statement.

Next steps:

- Angelika will collect links to existing documents (see Appendix below).
- Mr Schumm will prepare a one-paper describing the difficulties from his point of view.
- Angelika and Stefan will present this topic in the upcoming SC call and ask for resources.

### Product management (A. Wittek)

#### Dev Team

Milestone 8 is postponed until beginning of next year, because the resources went into preparing the ASAM event and the new openMDM online demo. A benefit of the new timeline: MBBM has more time to adapt their PAK adapter to the latest API changes.

Plan: The PAK adapter is ready when openMDM 5.1 is released (milestone to be announced).

#### ASAM Conference

Best openMDM event in 2019 with almost 300 visitors at the ASAM conference in Dresden. First discussion about extending the MDM data model to be able to store data from other ASAM open source initiatives (e.g. OpenSCENARIO and OpenDRIVE). BTW: Peak already built a poc by extending MDM standard templates.

#### Contribution Guidelines

In the past the contribution guidelines contained only generic statements about the format of necessary documentation. Angelika suggested to add "Swagger REST API documentation" as a *mandatory* part of a contribution.

The AC members agreed on this statement.

Angelika will prepare a new version of the contribution guidelines and send it via email before the next AC call.

BTW: The Daimler contribution (built by Atos) which is not yet merged into the master branch does not contain a Swagger based API documentation.

## Import of ATFX file (M. Koller)

Mr. Koller presented an optimization of the ATFX import. The current implementation interprets the metadata *and* the binary content (external components) which leads to a very slow upload (45s for 200kB).

The suggested extension will read the metadata only and sends the binary data as is. The PAK adapter should benefit from this solution, too.

The AC members agreed on this suggestion.

## Next call

The next AC call is scheduled for January 10<sup>th</sup> 2020.

## Appendix: openMDM documentation

### Working Group Links

- Web Site: <https://openmdm.org>
- Wiki: <https://wiki.eclipse.org/Open-Measured-Data-Management-WG>
- Public Mailing List: [accounts.eclipse.org/mailling-list/open-measured-data-wg](mailto:accounts.eclipse.org/mailling-list/open-measured-data-wg)

### Eclipse mdmbl Project

- Project page <https://eclipse.org/mdmbl>
- Dev mailing list [dev.eclipse.org/mailman/listinfo/mdmbl-dev](mailto:dev.eclipse.org/mailman/listinfo/mdmbl-dev)
- Issue tracker <https://bugs.eclipse.org/bugs/buglist.cgi?quicksearch=mdmbl>
- Git Repositories: <https://projects.eclipse.org/projects/technology.mdmbl/developer>

### Demonstator

- <http://demo.openmdm.org/>

### Swagger-Doku

- <http://demo.openmdm.org/org.eclipse.mdm.nucleus/swagger.html>