

openMDM Architecture Committee

Meeting Notes: 2017-12-08

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Attendees

The following members were present

- ☒ Stefan Ebeling (BMW AG)
- ☒ Winfried Keim (Daimler AG)
- ☒ Jan Blockx (Siemens AG)
- ☒ Stefan Wartini (Müller-BBM VibroAkustik Systeme GmbH)
- ☒ Angelika Wittek (openMDM Toolkit Manager)

The following members were absent

- ☒ Christian Krenner (AUDI AG)

Topics

Status Dev Team

- OpenMDM(R) application version 0.9 was released end of November. Work on version 0.10 is already in progress. Topics are the transfer of CRUD operations in the core API and the implementation of a shopping cart (see <https://openmdm.atlassian.net/browse/REQU-103>). Additional tasks are bug fixes for issues that arise from the feedback out of the ongoing work on the PAK cloud adapter.
The code for CRUD operation provided by Daimler was contributed by Atos to the Eclipse Git repositories. The code is on feature branches and is checked at the moment by the dev team. The code includes usage of the vavr framework, which is checked by the Eclipse IP Team. Findings will be discussed and checked with the AC. The dev team will integrate the code to the code base only if all checks are ok.
- Angelika informed that ATOS has utilized its budget of contribution to the development team. ATOS is still supporting the team regarding questions and know how transfer, but stopped implementation work. Now only Matthias Koller and Martin Fleischer contribute to the Dev Team.
- Transferring the CRUD-sources from ATOS to the code base would implicitly introduce the vavr framework as a new framework to the openMDM source code. Angelika has already requested an IP-check at the Eclipse IP Team to validate the license conformity of vavr. This request is accepted, but it is unclear when the results will be available.
Stefan Ebeling stated that the introduction of new frameworks requires the approval of the Architecture Committee. A new framework always implicates additional efforts to get familiar with it. It is important that all developers are aware of this requirement before introducing a new framework. Angelika added this topic to the developers guide. A quick clarification where the framework is introduced and whether it is indeed required is important to avoid that here a precedent is set.
- The proposal for a file format to address data via a shopping cart (see comments in <https://openmdm.atlassian.net/browse/REQU-103>) is discussed. Angelika will discuss the input from the Committee with the Dev Team and come back soon with a revised proposal. To avoid further delay in the current sprint she will share the proposal by Email and ask for approval by Email.

Security: Delegate approach

As announced in the last telephone conference Angelika, Sascha Laumann and Stefan Wartini discussed ideas / proposals, how to handle the requirement of BMW and Daimler to edit data. As a

result, the application providing the functionality to edit data is intended to check the according permissions of the user to perform the task. Only in case of sufficient permissions, the application should enable the functionality. Therefore, enhancements of the API down to the data sources are required.

In January, Angelika and Stefan Wartini will set up and distribute a new requirement to address these changes, so the Steering Committee can discuss and prioritize it.

Security Concept

The final report for the Security Concept (ordered by MBBM and Siemens) was uploaded to the openMDM wiki. The community was informed by Email.

Architecture Committee

Winfried Keim stated that he will ask the specialist division at Daimler for a representative for himself in the Committee. He noticed that he could not contribute very much to the technical discussions in the committee and so it does not make sense for him to remain in the Committee.