

Meeting minutes of the 5th steering committee meeting of the openMDM® EWG

Place: Gigatronik, Ingolstadt
Date/Time: April 21st, 2015 – 10:00
Minutes: Andreas Benzing, ICS AG

Participants:	Andreas Benzing	ICS (Daimler)	architecture committee (chair)
	Ulrich Bleicher	BMW	steering committee
	Hans-Joachim Bothe	HighQSoft	steering committee
	Stefan Holz	Gigatronik	steering committee
	Hans-Jörg Kremer	Peak Solution	steering committee
	Gerwin Mathwig	Daimler	steering committee (chair)
	Ralph Müller	Eclipse	wg correspondent
	Michael Schwarzbach	BMW	quality committee (chair)
	Sven Wittig	Audi	steering committee
Remote:	Sibylle Peter	Canoo	issue tracking/requirements service
	Hans-Dirk Walter	Canoo	issue tracking/requirements service

Participants are referred to by their initials in this protocol, i.e. GM refers to Gerwin Mathwig.

1 Review of the Minutes of the Last Meeting

The minutes are accepted.

2 Correspondence with Interested Parties

AB recapitulates the first contact with Andreas Graf of the Auto IWG. The participants agree that a separate conference call to coordinate interaction with the Auto IWG should be organized. The conference call will be organized by AB, GM, and RM. Similar to the Auto IWG, contact to the Polarsys WG should be established.

Further interested parties were identified at the PSA Workshop (HJK) and the PAK-Tag (GM). The correspondence will be continued.

3 Status Requirements Service (Conference Call Canoo)

The requirements service is briefly presented. A detailed discussion of the status is postponed to a separate conference call.

4 Status of Business Layer (Conference Call Canoo)

The core architecture is mostly complete from a user perspective. The question of selecting technologies with respect to their deployment and operation are currently discussed in the AC.

However, the link to the business layer is currently very unclear.

The business layer project is currently working on a description of the business objects specification which will be added to the complete architecture description. Similarly, the bridge between the MDM Connector and the MDM API will be clarified. The results will be made available in the business layer project when it becomes available. A first draft of the API in UML format is currently not expected before the beginning of May.

5 Status of the Architecture Committee (AC)

The AC is still having a regular conference call every three weeks due to the ongoing work on detailing the architecture specification. In addition, the AC wiki page is used to gather topics for the calls and distribute the minutes. A short overview on the current topics is presented.

The current state of the architecture is discussed, especially focusing on a possibly minimalistic result. The AC will continue to gather requirements for the architecture and remove all unnecessary elements from the specification.

To support the AC in its work, a service is requested to complete the initial client technology matrix document. The request is supported by the SC and an official request will be handed in by the AC.

SW proposes a service to leverage the knowledge of openMDM 4 experts: The architecture specification should be reviewed by parties with profound experience. Besides the identification of potential issues with the new architecture, the service can provide an idea on how existing components map to the new architecture. In doing so, the service should ensure that the new architecture is not changed solely to simplify this transition. This way a broader common understanding of the new architecture can be achieved. The SC supports the idea and a corresponding request will be distributed.

6 Status of the Quality Committee (QC)

The QC is currently waiting for the final specification of the architecture to decide on further steps. The initial structure of the testing service is already known. However, the details of the service depend on technology decisions by the AC. Apart from the tasks depending on the AC, no issues are open.

7 Additional Content for the Website

The service of setting up the openMDM website is considered finished except for minor updates to the imprint (HJK). The website is now operational. The SC agrees that the website should contain high-level user stories to clarify application scenarios of openMDM, similar to the former 'Projektmarkplatz'. These user stories also provide the answer to the question **why** openMDM must provide its broad range of methods and solutions. For example, 'automated evaluation of measurements' as a user story requires Big Data technologies. These stories could also serve as a source for more detailed requirements, which in turn drive further development of openMDM. MS proposes a requirements workshop or task force, which gathers stories from end users and requirements engineers currently involved in openMDM.

In addition to the user stories, presentations given about openMDM and related topics should be gathered and made available on the website. Rather than hosting the files directly, services like Slideshare should be considered.

8 Presentations of openMDM

An overview of openMDM will be presented at Euroforum 2015. The talk contents were shortly discussed and agreed upon. A technical presentation of the openMDM architecture will be given at the Avalon Anwendertreffen. The details and outline of the talk will be discussed in the AC.

In general, the SC agrees that a unified branding of such openMDM related talks should be established. The presenters must thereby ensure that they are allowed to use that branding and that they have the rights to make the talk available online.

9 Proposed Services

The following services were proposed:

- Architecture Review (see 5)
 - o Proposed by: SW
 - o Candidates: science + computing, Gigatronik
 - o Description/Result: Details will be provided by Gigatronik
 - o Notes:
 - Enterprise IT capability should be verified
 - New architecture should not be degraded to ease migration of old components
 - o Decision: SC accepts multiple instances of the service
- Architecture Client Technology Matrix (see 5)
 - o Proposed by: AB
 - o Description/Result: Extend Rich Client Technology Matrix to cover entire client spectrum
 - o Decision: Postponed, need detailed service description
- Outsourcing Process
 - o Proposed by: GM
 - o Description/Result: User story on how outsourcing process works
 - o Decision: Postponed, need detailed service description
- WebDAV access to openMDM
 - o Proposed by: SW
 - o Description/Result: WebDAV access to openMDM
 - o Decision: Postponed, need detailed service description
- ODS Adapter/HQL
 - o Proposed by: HJB
 - o Description/Result: ODS Adapter/HQL as open source project; in exchange, HighQSoft becomes driver member and membership fees for first year are covered by contribution. Further fees are offered in maintenance for the project.
 - o Decision: Postponed, need detailed service description
 - o Notes:
 - Review by AC in cooperation with EPOS to evaluate benefit for community
- Evaluation of Peak ODS server
 - o Proposed by: SW
 - o Description/Result: Performance Evaluation of the Peak ODS server in the openMDM environment at Audi
 - o Decision: Postponed, need detailed service description

Additional questions concerning the service concept were discussed: The SC agrees that extensive capacity which is not required for maintaining the WG infrastructure should be spend on active development. However, according to the charter, this work does not provide a service but a result package. The result packages mentioned in the charter must therefore be defined to include development packages and similar artifacts to clarify the situation (SW). The SC agrees that membership fees are not changed for the next fiscal year.

Since the number of proposed services is still rather low, the SC invites all community members to propose additional services.

10 Backward Compatibility

The SC agrees that the openMDM data model does not have to be backward compatible. This decision is made deliberately to allow for complete flexibility in designing an optimal openMDM 5 data model.

The first version of a compatible client will therefore be deployed in parallel to any existing old clients and the direct access to data from a new client to an old data set or vice versa will not be possible. If this requirement is brought up by a member of the community in the future, they are welcome to contribute such functionality to the new client.

11 Project Structure

Since the MDM@WEB project comprises only a relatively small subset of the entire WG, the information flow is currently limited. GM proposes a project meeting to get related parties informed. The meeting should be made available online to reach a broader audience. Due to the short time until the general assembly, the SC agrees that the meeting will be part of the assembly to reach an even broader audience.

The project structure in general is discussed and found to be not well suited for the openMDM landscape. A new project for business layer related implementations has already been proposed and is currently under review. The MDM@WEB project will be renamed to account for the fact that all client facing implementations will be hosted in that project.

12 Status of “openMDM” brand transfer to Eclipse

The transfer is still pending due to legal issues.

13 Miscellaneous

The SC agrees that substitutes are generally allowed to participate at the meetings. The question whether voting rights can be transferred to other parties is discussed. The SC agrees that a transition is only allowed for topics declared prior to the meeting and requires written form (e-mail). Votes on spontaneous decisions will be considered neutral.

14 Next meeting

The next SC meeting will take place on July 1st, 2015 in Glashütten, and will be hosted by HighQSoft. The general assembly is planned for July 7th, 2015 at the Lämmerbuckel, and will be hosted by Daimler.