

Minutes of MDM@WEB Project Meeting

2014-11-04 in Stuttgart

Participants

- Jonas Helming, EclipseSource (Mentor)
- Hans-Jörg Kremer, Peak Solution
- Hans-Dirk Walter, Canoo
- Franz-Josef Wiszniewsky, Canoo
- Michael Baumann, Daimler
- Christian Weyermann, Peak Solution (Committer)
- Andres Pott, Daimler
- Julian Feinauer, Daimler
- Steven Király, Bertrandt
- Son Luong, Bertrandt
- Andreas Benzing, ICS (Architecture Committee, Author)
- Dieter Dragon, Piterion
- Andreas Hofmann, HighQSoft
- Tobias Schneider, science + computing
- Dietmar Rapf, science + computing
- Georg Fichtner, Piterion
- Michael Schwarzbach, BMW (Quality Committee)
- Ulrich Bleicher, BMW
- Gerwin Mathwig, Daimler (Project Lead, Steering Committee)
- Stefan Holz, Gigatronik
- Sebastian Dirsch, Gigatronik

Introduction of New Members

The representatives of the new members of the working group, Piterion, Bertrandt, and ACCUotive, presented their companies and provided some information on their relation to openMDM[®].

Supplier Integration

Michael Baumann provided an overview of the efforts to integrate the requirements of five OEMs and their respective suppliers to form a unified solution for data management. The project has been running for 3 years with focus on offline capability, ATFX-file based operation, and a dynamic data model to incorporate the numerous different application scenarios. These goals could partially be catered to by the technology and knowledge available in MDM@WEB. Although the current approach is focused on existing openMDM[®]4 technology, which is intentionally not supported by the WG, the project shares functionality and requirements with MDM@WEB and will therefore also be

considered for gathering requirements for future development. The collaboration possibilities proposed by MDM@WEB will be discussed in a conference call.

Project Structure/VDA integration

Gerwin Mathwig presented an overview of the overall process to transfer from the old openMDM® community to the new openMDM® Eclipse WG. The presentation highlighted the integration of the VDA in this process and the milestones planned.

Status Quality/Architecture

The quality service is in the process of gathering quality requirements from the stakeholders of MDM@WEB. At this time, the biggest roadblocks in creating a complete quality specification are the missing requirements and the missing architecture specification. The information gathered so far should be made available to project members not in a single document but rather as a collection of documents which provide different views on the content, e.g. guidelines for developers and a specification for the committee. The proposition of releasing these documents in the wiki was discussed and found not suitable, primarily due to the lack of a defined release process. A new strategy will be developed by the quality committee, starting with the presentation of existing documents in the next conference call.

The architecture specification is still being commissioned and therefore not available, yet.

Plan to bring Prototype to Eclipse

The current MDM@WEB still relies on MDM4 components which cannot be migrated to Eclipse. In order to bring a downloadable prototype of MDM@WEB to Eclipse, a new contract has been awarded to re-implement the basic required functionality. The primary focus is thereby to provide a minimal working prototype for the first release. Requirements for extended functionality will be taken into account for architectural decisions but only be considered for implementation in following releases. Since the development efforts are shared with the rich client and API development, the assignment of the API and a close collaboration is required.

Prototype Demonstration

A live demo of the MDM@WEB client was presented by Gerwin Mathwig. The main features of the client include sharing functionality, automatic proposal of data to archive, and a keyword search.

Status of MDM-Client

The status of the development of the rich client was presented by Franz-Josef Wiszniewsky. The project will be developed using the Srum framework, test driven development, and the common Eclipse tooling. The participants support the election of the development team as new committers.

Recap EclipseCon

- Possibly interesting projects: EMF, RAP
- Overall good resonance, new ideas, interesting topics

- New input on technology and other projects
- Welcoming atmosphere
- Fruitful discussion of legal issues

For the next EclipseCon Europe, the attendees agree that the WG should be properly represented. Possible options include a talk, booth, and poster. Another result drawn from conversations at EclipseCon was that there is no alternative to using Bugzilla for bug and issue tracking in the Eclipse community. science + computing will take this into account for setting up the corresponding service.

Collaboration between MDM@WEB and ACCUotive

The MDM@WEB project welcomes the participation of ACCUotive. As with the supplier integration project, the collaboration with ACCUotive at the current stage is limited to incorporating their requirements in strategic decisions. These requirements originate from experience in building their current web client and are therefore located mostly at a technical level. Some of these include handling of specific data types, handling very large data sets, and traceability of the original source of data. In addition, the implementation of the openMDM[®] interface similar to that of a file system was proposed. In the future, a transition path is required to provide ACCUotive and similar interested parties with a means to switch to MDM@WEB once their required functionality is available.

Project Requests for the Steering Committee

After an overview of the WG service model, means for proposing new services were discussed. However, demand for services is expected to emerge from the projects supported by the WG which currently do not require any additional services. The possibility to propose services by the representatives of different member classes in the steering committee is also available.

Roles in the Project/Communication

The roles in the project are clear and do not need to be altered. The communication in the project and WG will continue in the regular conference calls and mailing lists. However, a more lively communication on the different mailing lists is encouraged. To simplify the organization of the next meeting, participants should use the scheduling features of Outlook.

- Steering committee mailing list, non-public
 - o <https://dev.eclipse.org/mailman/listinfo/open-measured-data-wg-sc>
 - o All WG members are expected to join
 - o Establish process to add new members on join
- WG mailing list, public
 - o <https://dev.eclipse.org/mailman/listinfo/open-measured-data-wg>
 - o All WG members are expected to join
 - o Interested parties are welcome to join
 - o Destination for project meeting minutes
- MDM@WEB developer mailing list, public
 - o <https://dev.eclipse.org/mailman/listinfo/mdmweb-dev>
 - o Developers, committers, contributors
 - o Participation intentionally optional

Next Steps and Milestones

- Workshop on architecture goals independent of API order status
 - o Preferably November 2014
- Quality criteria will be organized in regular conference call
- Workshop on requirements management process
 - o Preferably 2014
- Product goals and vision for 2015
 - o January 2015