openMDM Architecture Committee

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Attendees

The following members were present
- Matthias Ebeling (Daimler AG)
- Stefan Ebeling (BMW AG)
- Stefan Wartini (Müller-BBM VibroAkustik Systeme GmbH)
- Angelika Wittek (openMDM Toolkit Manager)
- Jan Blockx (Siemens AG)

The following guest were present
- Matthias Koller (Peak Solutions GmbH)

The following members were absent
- Christian Krenner (AUDI AG)

Topics

Status Dev Team (Angelika Wittek)

Currently Milestone 5.1.0 M1 is being worked on. It contains the contribution from Karakun (on behalf of Daimler AG). There was some delay because of the refactoring the build scripts. The new build scripts enhance pur build process. In the result the documentation is now included in the build artifacts.

At the same time the Dev team already works on the update of Angular from version 2 to version 7. This update is required to proceed with I18N development. This update is a candidate for the Milestone 2 or 3.

Next topic is the integration of the contribution of Peak (on behalf of BMW). This contains the ATFX Export/Import, CRUD operations, a new base entity and a new method to specify the configuration folder. Depending on the development status this will be the content of Milestone 2 or 3.

Report from Steering Committee Meeting (Matthias Ebeling)

Gäel Blondelle (Eclipse Foundation) introduced Angelika as new employee of the Eclipse Foundation. Angelika will support other Working Groups in the automotive area to establish an efficient community like in our OpenMDM Working group. Ralph Müller will return to work by end of January.

Financial Situation: There are about 100.000 € available for time period ending 31.July 2019. Based on this balance the planning of the new contracts for OpenMDM Toolkit Manager (Angelika) and the development team started.

Decisions by the Steering Committee:

- The contract of our OpenMDM Toolkit Manager will be extended until 31. July 2019. She will work about 8 days/month.
- The contract of our current development team should be continued about 20 days in the first quarter of 2019.
- New service providers should be integrated in the development team. Therefore all solution providers are asked to provide proposal to the Eclipse Foundation for the work in the

OpenMDM development team. The extended development team should start to work in the second quarter 2019. These proposals will be reviewed in the next Steering Committee call.

Contents of the Contribution from Peak (Matthias Koller)

Matthias Koller presented the contents of the contribution on behalf on BMW. For more details review the document "BMW_contribution.pdf" provided by Peak Solutions.

ATFX Imort/Export functions

The import of ATFX files using the OpenMDM business layer requires, that the ATFX file must be conform to the OpenMDM data model currently used in the by the OpenMDM business layer.

While importing the data from the ATFX file, the first template found in the OpenMDM business layer is used. So far there is no logic implemented to select the template to be used.

Limitations: The ATFX file should not be greater than 50 megabyte. No automatic template detection.

Requirements: In case of errors during the import, the stack trace should be written to log files on the server (which is hosting the OpenMDM business layer). The stacktrace must not reported via rest API.

Export from shopping basket using an ATFX file

The export is being started via the shopping basket. The shopping basket is equal to a XML file. The result of this export is one ATFX file containing all the selected data.

Limitations: Only one ODS compliant data source is supported as input for the ATFX file. There is no support to create component files, using this export functionality. All data is written into the ATFX file.

Export from shopping basket selection to third party application

The content of the shopping basket is export in the XML file format. It is possible to define a file extension to be used for the shopping basket file written by the web client. After download the shopping basket file, a file handler defined in the operation system of the end user start the third party application.

Conversation tools which are required to translate XML file format into compliant format for the third party application are not included in the OpenMDM software.

CRUD opreations (project, pool, teststep, measurement)

For more information review the PDF document.

New base entity Role

To support the use case "administration of roles and assign roles to users" the new base entity "Role" was added to the package "org.eclipse.mdm.api.default". For more information please see the PDF document.

Define path for configuration folder

The configuration folder can now be defined by the system property "org.eclipse.mdm.configPath". If this property is not found, the behavior is the same as before.

Report to the Steering Committee:

ATFX importer: There is a limitation of 50 megabyte per file. It there is a requirement to import larger ATFX files, then the SC has to order an investigation for this. The scope should be a solution, which supports the PAK Adapter and the ODS adapter.

Next call

The next AC call is scheduled for February 8th 2019.