



openMDM[®] eclipse working group

Architecture and API workshop

May 6th, 2015

AUDI AG Ingolstadt

Agenda



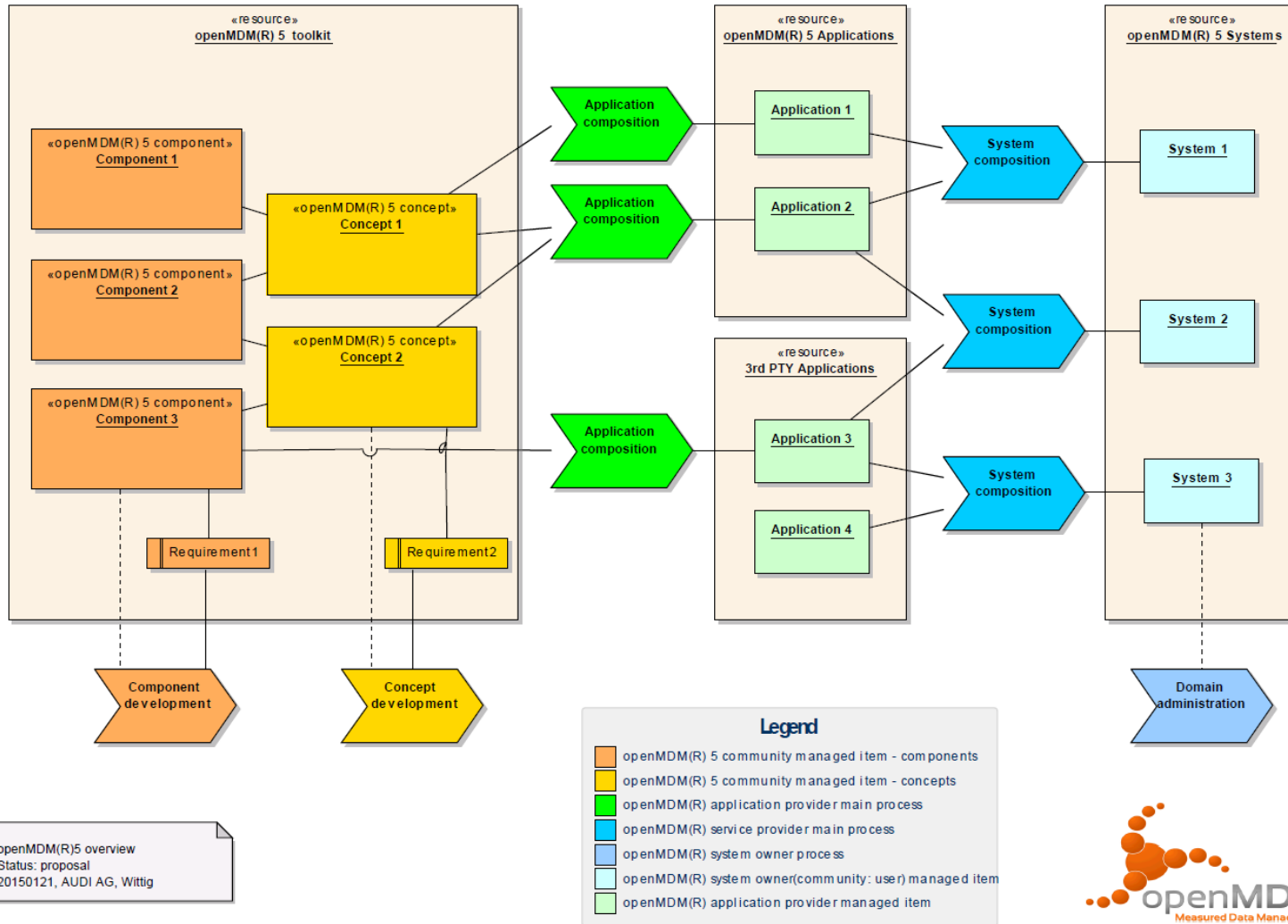
10:00 Uhr	welcome	5 Min.	Sven Wittig (Audi)
	current status and goals of the meeting	10 Min.	Sven Wittig (Audi)
10:15 Uhr	contribution offer by HighQSoft	5 Min.	Andreas Hofmann (HighQSoft)
	introduction to HighQSoft HQL	30 Min.	Andreas Hofmann (HighQSoft)
10:45	current status of the API and business layer design	30 Min.	Stefan Beese (EPOS CAT)
11:15	break		
11:30	architecture review and positioning of the items presented coverage of openMDM® API / BL functions by HQL consequences of HQL integration to the openMDM® API / BL discussion	60 Min.	Andres Almiray (Canoo) all
12:30	break / lunch	45 min	
13:15	decision: inclusion of HighQSoft HQL to the architecture further actions to be taken		

Participants

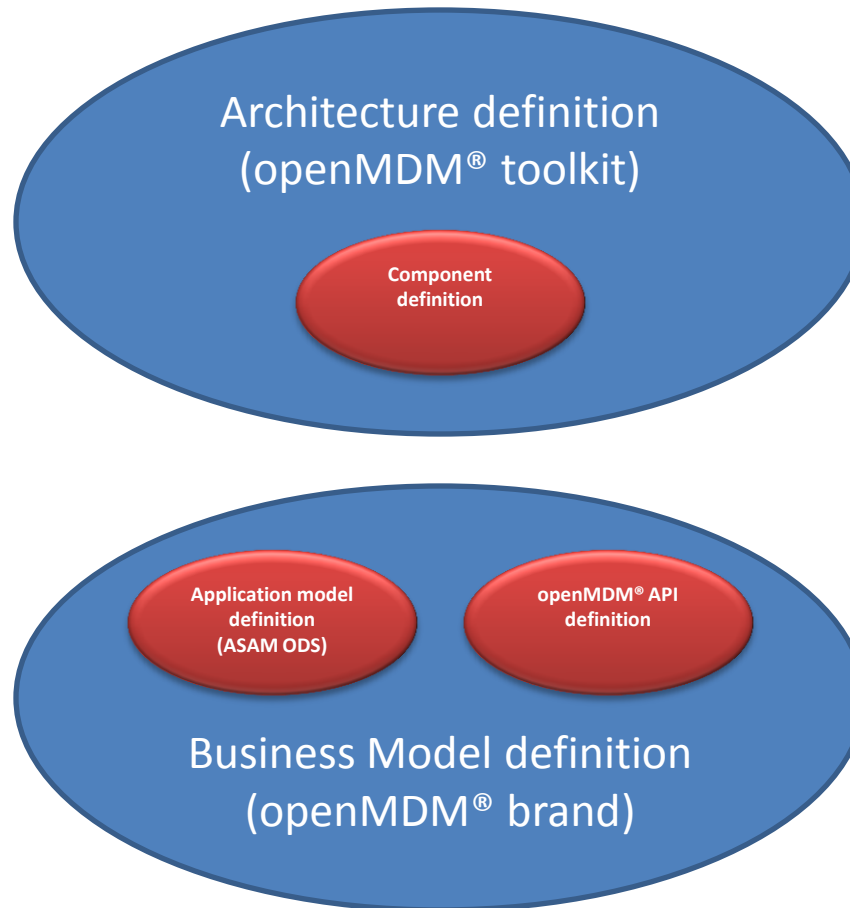


Andreas.Benzing@ics-ag.de	AC	present
andreas.hofmann@highsoft.de		present
andres.almiray@canoo.com		present
C.Weyermann@Peak-Solution.de		present
christian.rechner@audi.de	AC	conferencing / temporarily
Gerwin.Mathwig@daimler.com	SC, PL MDM@WEB	present
Hans.Bothe@highsoft.de	SC	
hans-dirk.walter@canoo.com	QC	present
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m.koller@peak-solution.de		present
reinhard.pirthauer@epos-cat.de		
Sebastian.Dirsch@gigatronik.com		present
sibylle.peter@canoo.com		present
stefan.beese@epos-cat.de	PL MDM BL	present
Stefan.Ebeling@bmw.de	QC	
stefan.holz@gigatronik.com	SC	present
Sven.wittig@audi.de	SC	present
SWartini@MuellerBBM-vas.de	AC	present
Ulrich.Bleicher@bmw.de	SC	
Viktor.Stoehr@gigatronik.com		conferencing / temporarily

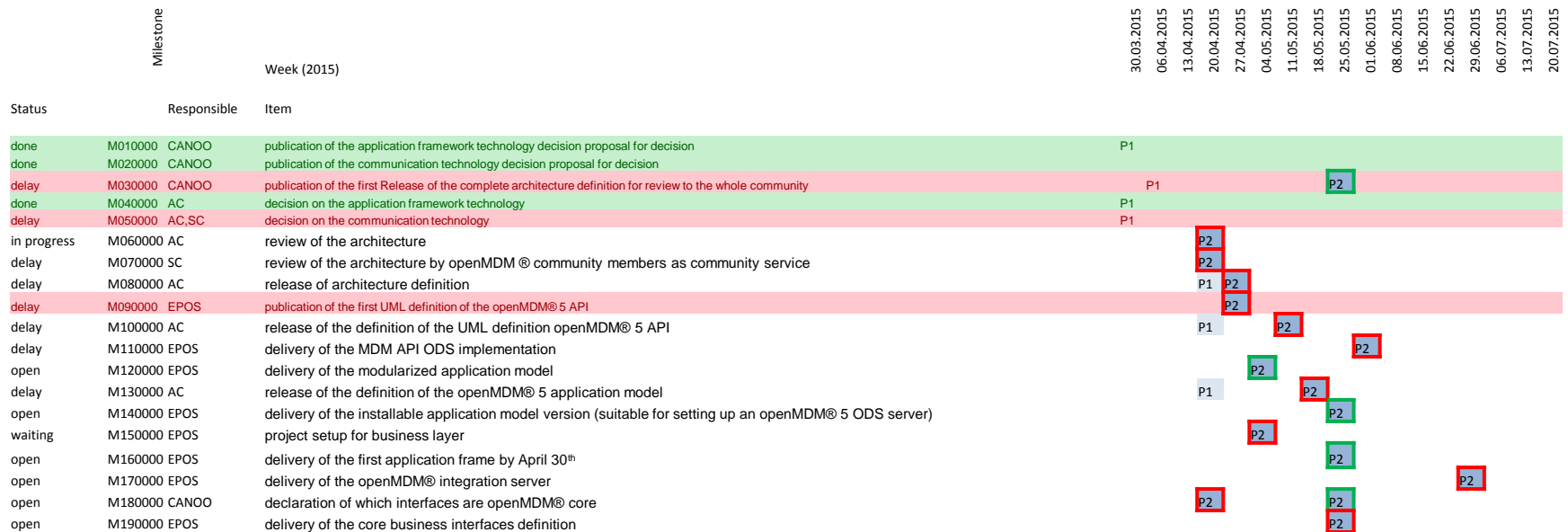
Status Architecture / BL



Status Architecture / BL

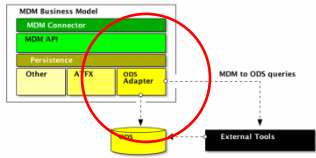


Status Architecture / BL



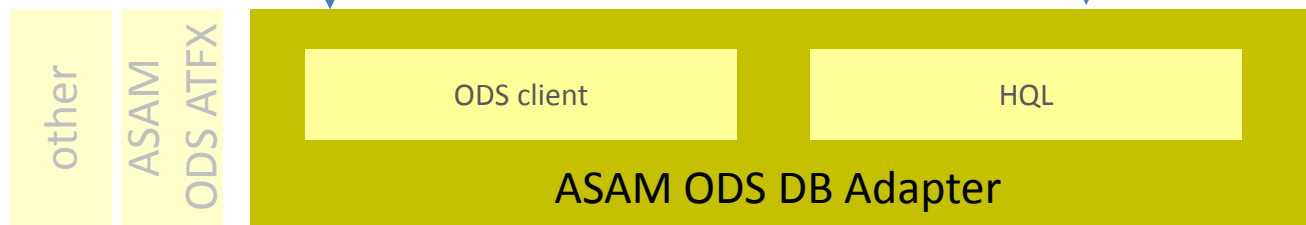
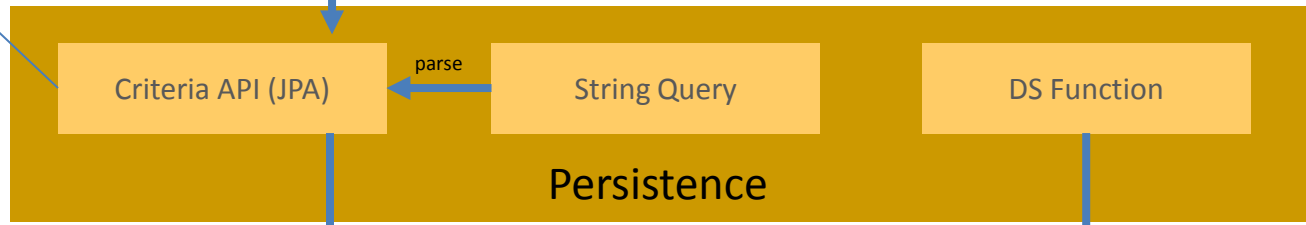
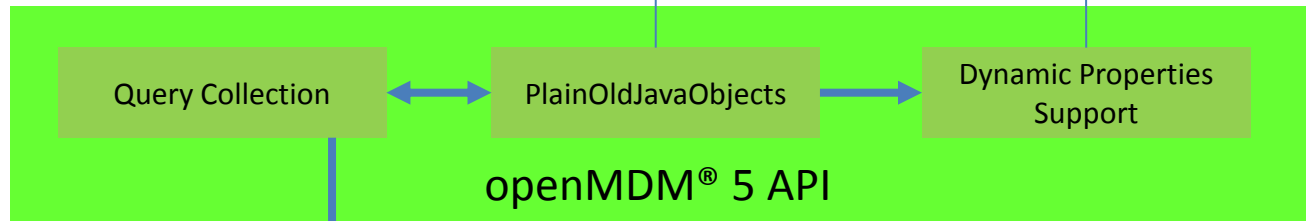
P2 second planning update, Milestone estimated
P2 second planning update, Milestone confirmed by responsible

HQL positioning within architecture



For static parts of the ASAM ODS Application model incl. Handling of files and their properties

Tbd: For dynamic / generic Parts of the ASAM ODS Application model



Incl. mass storage handling

Tbd: streaming of data

other
ASAM
ODS ATFX

Committments



After a detailed discussion of the HQL features presented by Andreas Hofmann and the positioning of HQL within the openMDM® architecture the participants of the meeting agree on the following statements:

- HQL fits to the openMDM® 5 architecture
- HQL simplifies the implementation of the openMDM® 5 API significantly
- HighQSoft HQL provides ASAM ODS 5.3 compatibility, that is, any ASAM ODS server can be deployed in the lower layers

Therefore the contribution of HQL by HighQSoft is highly welcome. The participants recommend the AC and SC to act respectively.

ToDo 's



- The terms used within the architecture documents have to be reviewed, if necessary cleared and included to the openMDM® EWG's glossary. Conflicts between the wordings of „old MDM style“ and the new architecture have to be resolved (CANOO).
- Description of what the modules mentioned in the architecture picture (Criteria API, DS function, String query..) do (CANOO).

- Identifying dynamic and static parts of the application model, map them into API functionality (EPOS, within existing milestone API UML Design)
- Structuring of the API with respect to the functionality presented to the layers above (EPOS, within existing milestone API UML Design)
- Structuring of the API with respect of the functionality accessed from lower layers (EPOS, within existing milestone API UML Design)

Open Issues



This is a part containing questions which arose writing the minutes. I attach them, because they are related to the API but not part of the project.

- What happens, if possibly the application models of different data sources differ (at least in their dynamic parts)? Which way conflicts are resolved?
- Who will provide the openMDM® connector or at least a first implementation to get an initial system to work?
- Within the architecture pictures it should be reflected, that ATFX also is standardized by ASAM ODS. Therefore, a wording like „ASAM ODS ATFX“ and „ASAM ODS DB“ seems better – even because an ASAM ODS application model applies to both of them. It should be cleared, if the application model structure defined by EPOS must apply th the ATFXes also or not.