



openMDM[®] eclipse working group

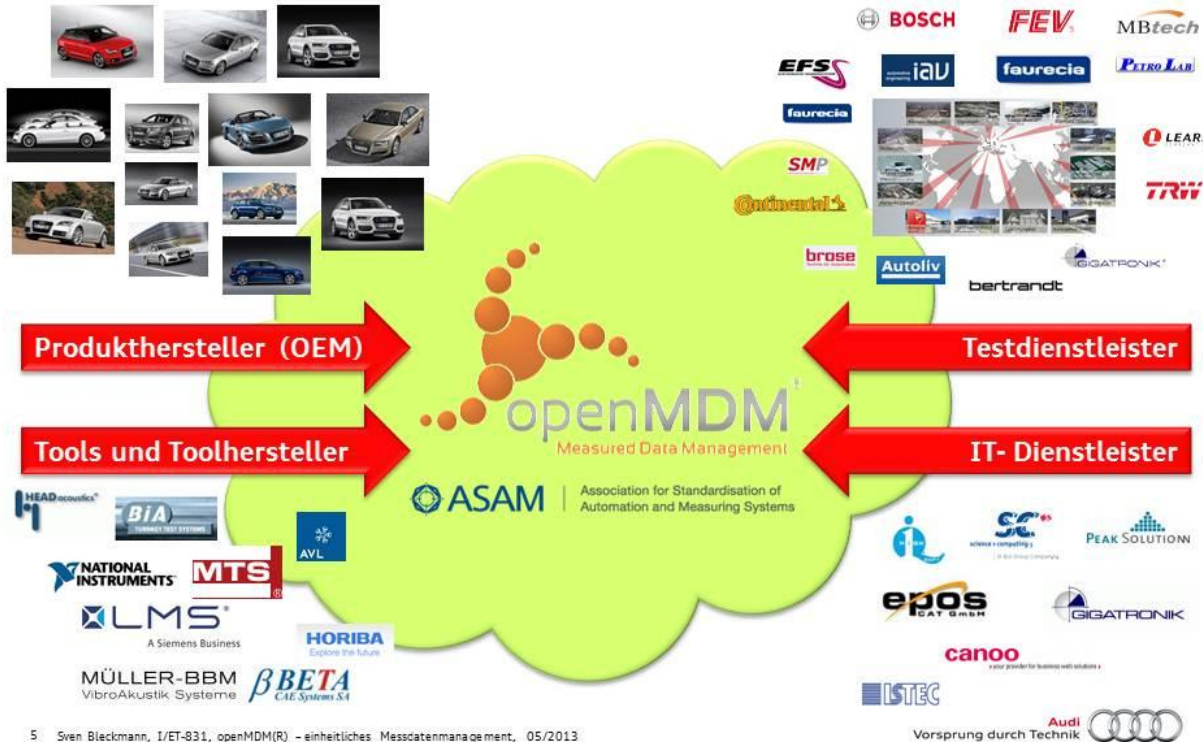
overview

October 29th, 2015

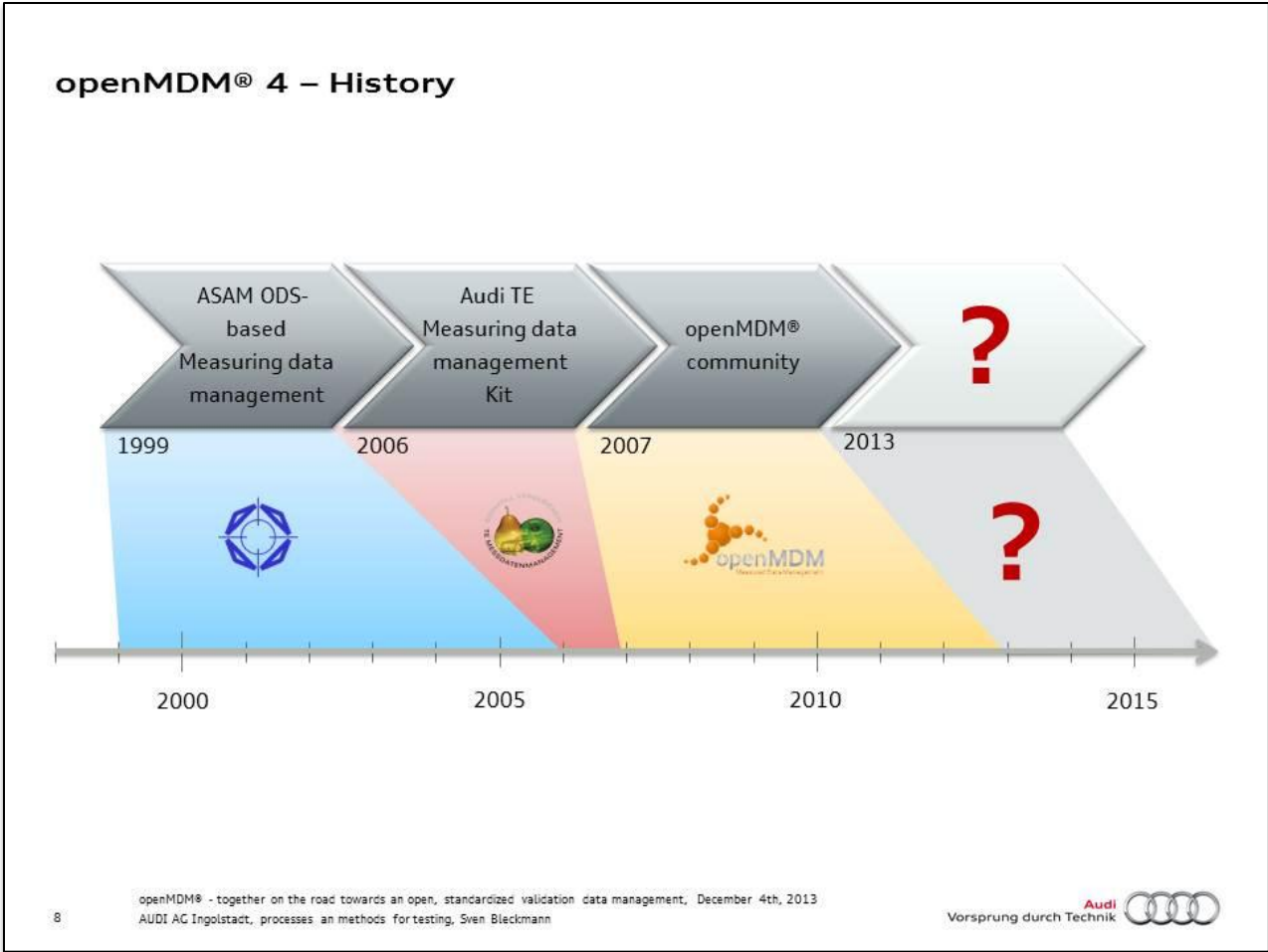
openMDM® - Historie und Motivation



openMDM® - Bedarf und Motivation stakeholder



openMDM® - Historie und Motivation



openMDM® 5 – Perspective Agility, Efficiency, Goal Orientation

At a meeting of the openMDM® community in April 2012, two work groups for optimization of technical properties as well as the organization openMDM® were formed. (Organizational, Technical)

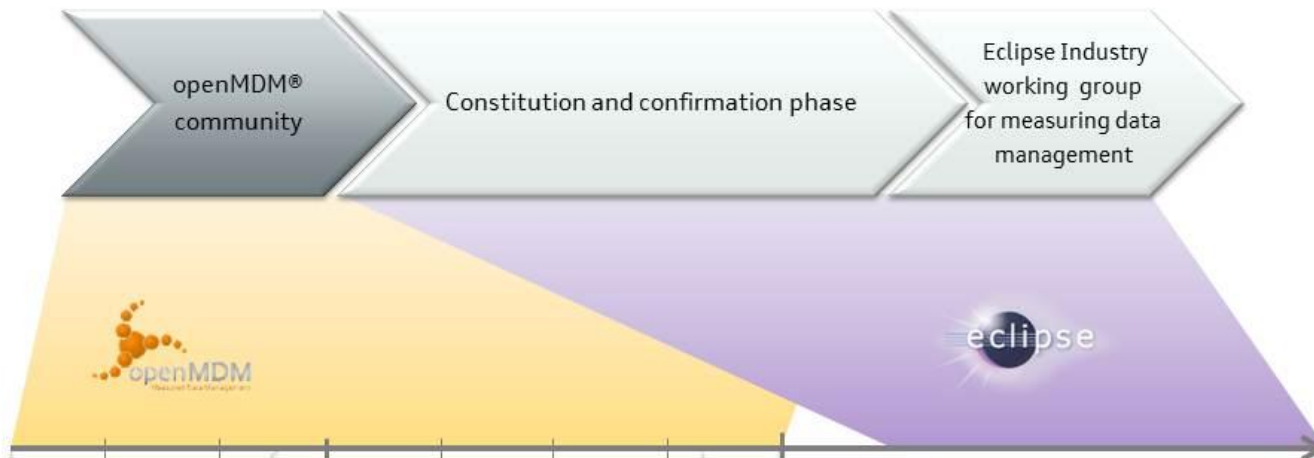
Goals:

- ▶ “Power Shift” to openMDM® user companies
- ▶ Conservation of the technical identity and consistency of openMDM®
- ▶ Efficient shared development process
- ▶ Evenly distributed relation between cost and returns between participants

openMDM® - Historie und Motivation



openMDM® Organizational Transformation



2013

2014

Audi is no more running <http://openmdm.org>

Charta- proposal for openMDM® eclipse IWG

Decision for eclipse IWG

Decision by openMDM® community to reorganize

openMDM® - Anwender- Prozessmodell



Test Planning

During test planning, the measurement order is created. It describes the configuration, state of the test specimen and test sequence. The measurement order contains a lot of important metadata used for the traceability and comparability of measured data.



Test Commissioning

If a planned measurement is to be performed, the measurement order must be sent to the persons processing orders for preparation and performance of measurements.



Test Planning & Test Implementation

During test preparation, the test specimen is set into the state stipulated by the measurement order. The measurement equipment is installed and configured and the measurement is performed. Preparation and implementation of tests normally takes place "offline", that is, "outside" the openMDM environment.



Import

Measured data are imported and linked to the measurement order. If the measurement could not be performed exactly in accordance with the order, the deviations can be documented during the import.



Publishing

Measured data are released or blocked for specific user groups - further classifications are also possible.



Retrieval

Measurement data can be assembled through search, navigation and exploration and then displayed or exported, for example.



Evaluation

openMDM itself does not perform evaluations, but incorporates the tools of the user. openMDM data objects are passed on as an export or via reference. Applications that support the ASAM ODS standard can access data of openMDM directly via references.

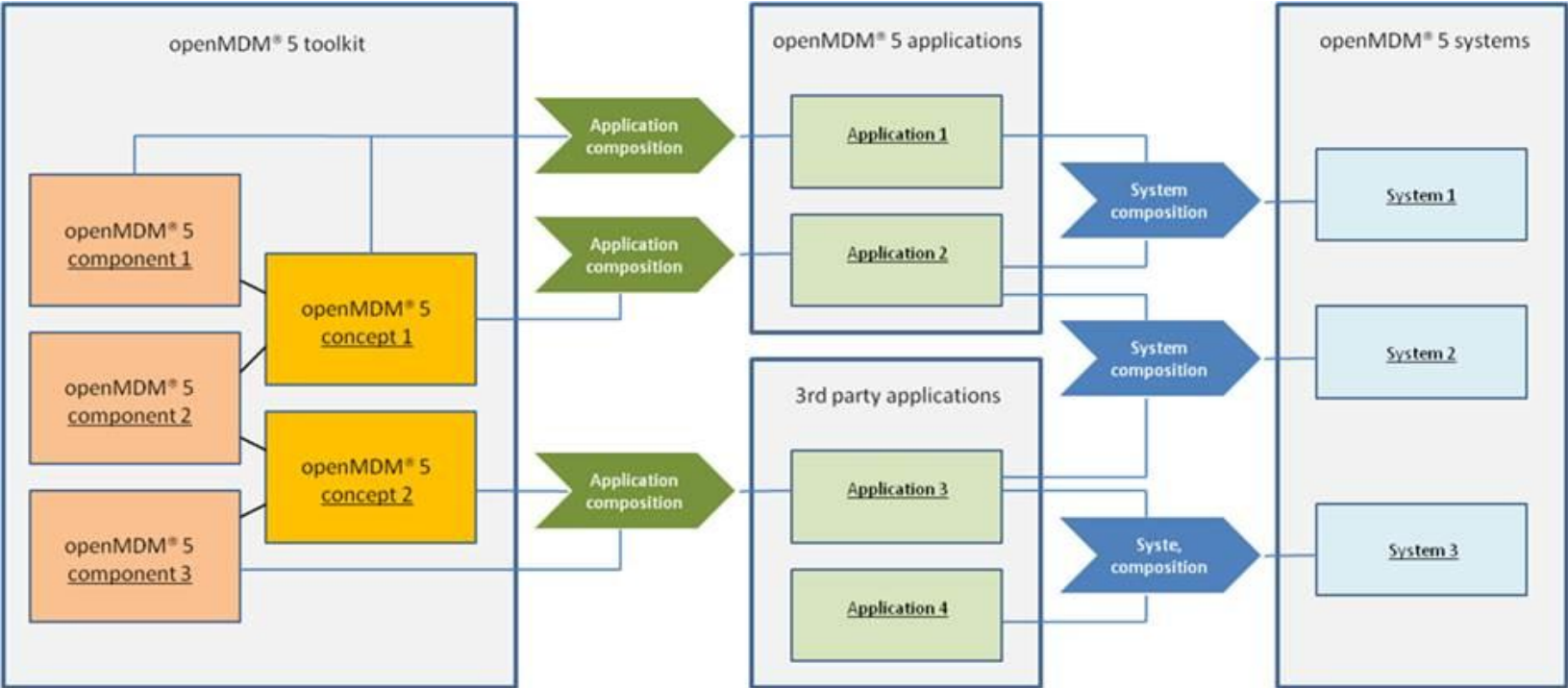


Import of Evaluation Results

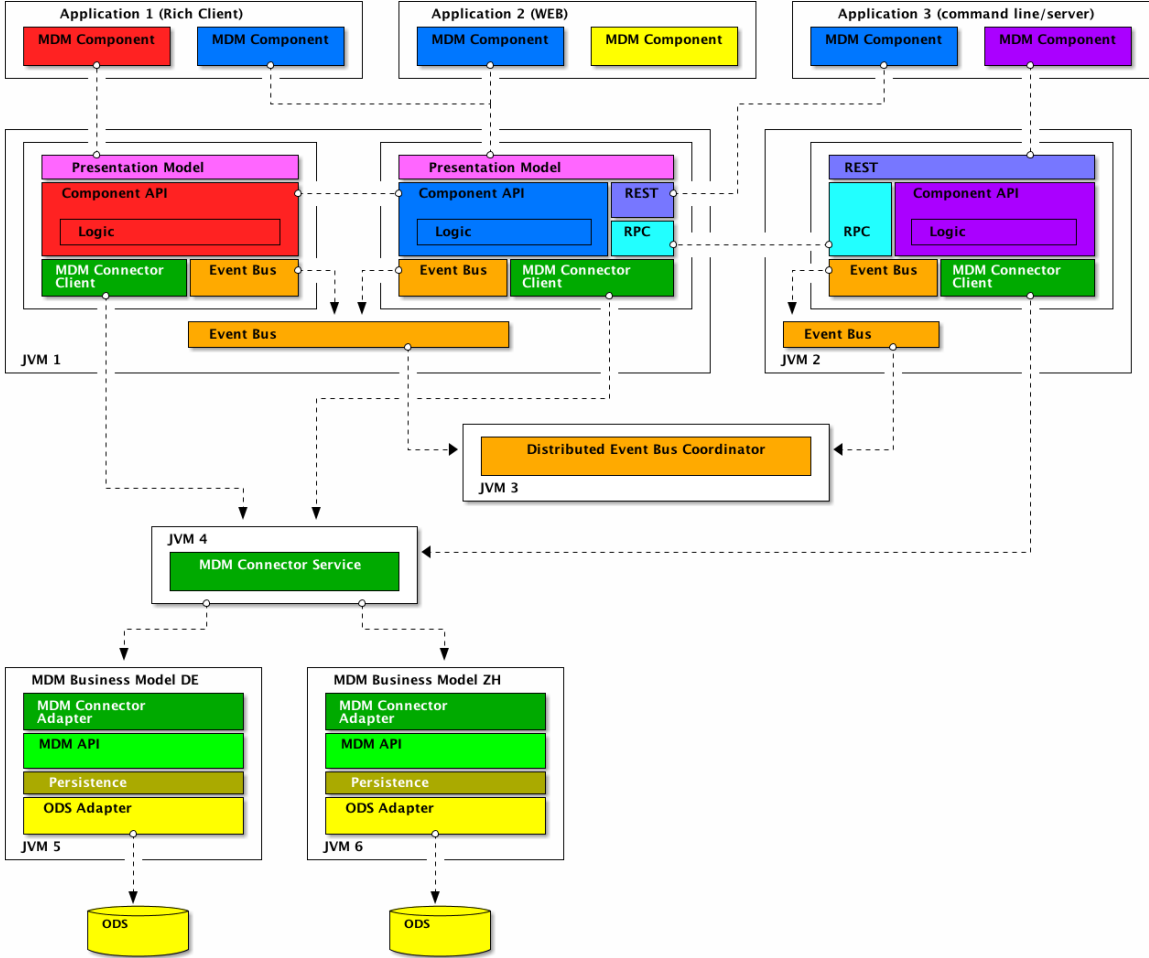
Evaluation results can be imported into openMDM, documented, published and retrieved - just like measured data. Linking them with a measurement order makes them easy to find and enables them to be used by others.



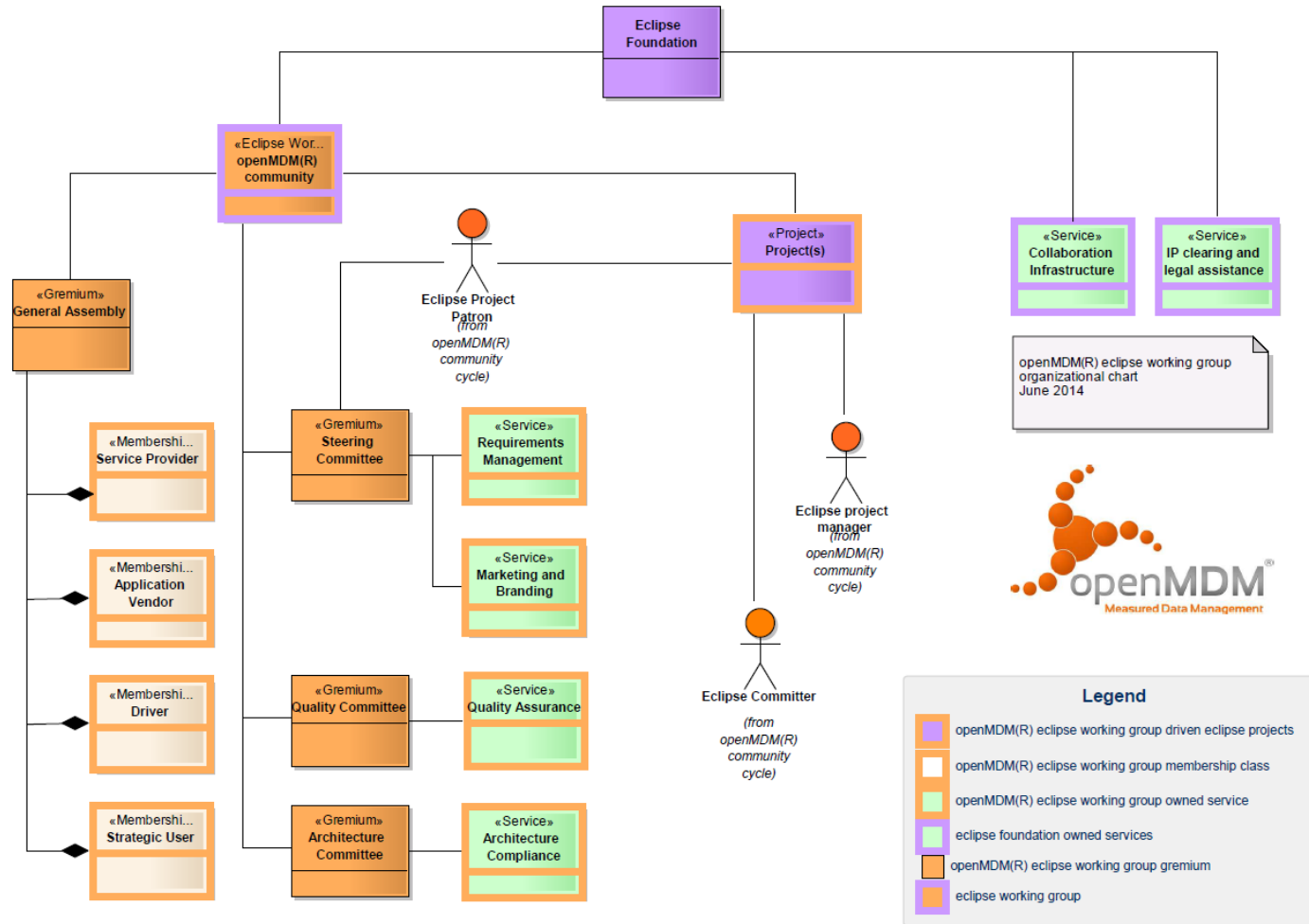
openMDM[®] - Baukasten



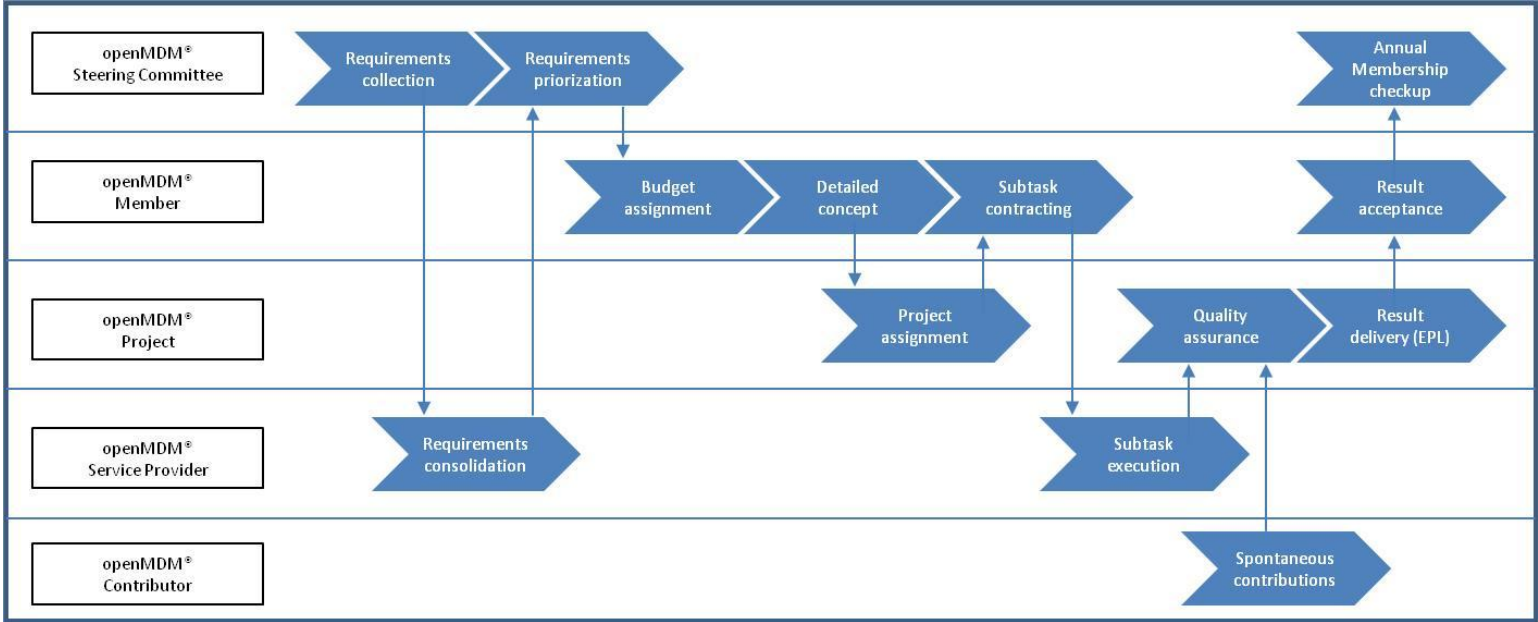
openMDM[®] - Architektur



openMDM[®] - Organisation



openMDM® - Zusammenarbeit



openMDM[®] -Links



Eclipse web site

<https://www.eclipse.org>

Working group web site, wiki & issue tracking

<https://openmdm.org>

<https://wiki.eclipse.org/Open-Measured-Data-Management-WG>

<https://openmdm.atlassian.net/secure/Dashboard.jspa>

Architecture committee

https://wiki.eclipse.org/Open-Measured-Data-Management-WG/Architecture_Committee

Eclipse Projects

<https://projects.eclipse.org/proposals/mdmweb>

<https://projects.eclipse.org/projects/technology.mdmb1>