Minutes of the Architecture Committee

Place: WebEx
Date/Time: 2016-05-04 – 08:00-09:15 CEST
Minutes: Andreas Benzing, Canoo

Participants: Andreas Benzing Canoo (Daimler) (chair)
- missing - Siemens
Stefan Ebeling BMW
Gerwin Mathwig PL MDM@WEB
Franz Wöhrl AUDI
Stefan Wartini MBBM
- missing - PL MDM|BL
- missing - NorCom

Guests: Ulrich Bleicher, Christian Weyermann, Sebastian Dirsch, Dennis Schröder,
Hans-Dirk Walter

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

1 Overview of Fulltext Search Approach
CW presents two proposals to address the questions raised during the last meeting:

1.1 SolR or Elasticsearch?
The proposal can be found at [1]. The details of operating ElasticSearch in an application
server (i.e. Glassfish) environment will be added to the proposal.

The AC unanimously accepts the proposal to use ElasticSearch.

1.2 openMDM API -> Search Index or Search Index -> API
The proposal can be found at [2]. The question of how to handle security aspects in this
context is briefly discussed and will be considered in the detailed planning of the overall
security concept.

The AC unanimously accepts the proposal to use the openMDM API in order for the search
index to gather data from the underlying storage.

2 Angular2 technology proposal for the AC
The updated proposal [3] is presented by DS. The integration of AngularJS and Bootstrap is
discussed, especially in terms of required effort and benefits. Due to limited experience with
the topic, the AC refrain from deciding on the proposal based on the available information.
HDW offers to provide feedback on the issue to clarify the topic.
3 TypeScript technology proposal for the AC
Since the decision whether to use TypeScript or not [4] strongly depends on the choice of an AngularJS version, the final decision is postponed.

4 Next Meeting
The AC will meet again at the upcoming project meeting on May 12, 2016.

References
[1] https://openmdm.atlassian.net/browse/ORGA-102
[2] https://openmdm.atlassian.net/browse/ORGA-103
[3] https://openmdm.atlassian.net/browse/ORGA-100