

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 refrains 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/ORG-102>
- [2] <https://openmdm.atlassian.net/browse/ORG-103>
- [3] <https://openmdm.atlassian.net/browse/ORG-100>
- [4] <https://openmdm.atlassian.net/browse/ORG-101>