

# Minutes of the Architecture Committee

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Place: WebEx  
Date/Time: 2016-01-15 – 11:00-12:00 CET  
Minutes: Andreas Benzing, ICS AG

Participants: Andreas Benzing ICS (Daimler) (chair)  
Jan Blockx Siemens  
Stefan Ebeling BMW  
Gerwin Mathwig PL MDM@WEB  
Christian Rechner AUDI  
Stefan Wartini MBBM  
- missing - PL MDM|BL  
- missing - NorCom

Guests: Ulrich Bleicher, Dietmar Rapf, Tobias Schneider, Sibylle Peter, Hans-Dirk Walter, Olaf Flebbe

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

## 1 Discussion of Responses to Feedback Request

The feedback request gave some interesting responses not only to the proposals themselves but also about the underlying process. The issues were discussed with the following result:

The wide range of available channels makes it difficult to monitor all possible discussions. Proposals must therefore be entered as Jira issues as soon as possible to gather all feedback in a single place. To allow for possibly large flexibility and acknowledge the fact that discussions might also start spontaneously, information gathered before an issue is created can be exchanged on other platforms (e.g. mailing lists). However, this information should be accessible to everyone and archived in a reliable way so that the resulting issue can contain a permanent link to the information.

Using the Jira issues, a Dashboard for members of the AC and other interested parties can be created to provide a quick overview of open topics.

As a result there is currently no need for a dedicated AC mailing list.

## 2 Individual Proposal Responses

### 2.1 BMW Architecture Proposal

Overall, the proposal received positive feedback. The choice of a technology for building applications from openMDM components is discussed. A central point to this discussion is the implementation of the configuration service. The exact requirements for a rich client in

this context will be provided by AUDI and considered when determining these details. However, since the proposal does not foreclose any choices, the proposal is accepted by the AC.

As an additional note, the decision of ASAM to use protobuf over REST in ODS 6 is mentioned and should be considered for openMDM.

## 2.2 AngularJS Framework

The feedback on AngularJS was entirely positive and the proposal to use AngularJS with Bootstrap as component library as the JS framework for web components is approved.

## 2.3 Proposal by Gigatronik

Since parts of the proposal have been superseded by individual proposals and the remainder of proposed technologies is not required at the current stage, the proposal is rejected. In case some of the additional technologies are required, a new proposal is of course possible.

## 2.4 Testing with Spock

From the feedback, the more important question was which test framework to use. Since all parties are already familiar with SonarQube and the test component is also using the Eclipse instance, the AC decides to use this approach for all projects. It is therefore mandatory for the corresponding projects to set up a code quality build using the SonarQube instance provided by Eclipse.

This decision also includes using Spock, which received positive feedback, for all unit and integration testing. For AngularJS, the included test framework will be used. Further cases, e.g. UI tests, will be covered by a separate AC decision.

## 3 Questions to the SC

There are no questions to the SC at the moment.

## 4 Next meeting

The next AC conference call will be held on February 19, 2016, 11:00 CET.