



openMDM Working Group Program Plan

2022



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Our Mission

Our Mission

- > The Open Measured Data Management Working Group leads the implementation of a vendor-neutral Open Source Software platform for the management of measured data. In compliance with the [ASAM ODS](#) standard, this platform enables an ecosystem that includes both automotive companies building inhouse applications and application vendors building commercial and open source solutions, tools and systems. Members of the working group include automotive OEMs as well as service providers and application vendors. The openMDM working group is coordinating the Eclipse mdmbl project, published under the business friendly Eclipse Public License 2.0 (EPL-2.0).
- > In summary, it implements an industry standard platform for tools and products for ODS compliant products and tool chains.

openMDM WG 2022



150

commits



1

projects



8+

contributors



7

member
organizations



Program Objectives

Program Objectives

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Increase **project adoption**
2. Identify collaboration opportunities across **projects** to advance **technical initiatives**
3. Establish **thought leadership**
4. **Increase membership** to build a more diverse and robust Working Group

Program Objectives: openMDM application model as ASAM ODS Companion Standard

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content
 - Get the OpenMDM Application model and API defined and recognized as ASAM ODS companion standard
2. Intension:
 - Ensure sustainability of existing implementations based on the OpenMDM5 open source Eclipse project (mdmbl) (reference implementation)
 - Propagate the OpenMDM data model as underlying base for other ASAM standards or working groups (e.g. openScenario, openDrive)
3. Implementation:
 - Preparation & Completion of official ASAM Project Request Template (Done)
 - Review by Ralf Norenberg, member of ASAM TSC
 - Review by OpenMDM SC (to be planned)
 - Official request to ASAM eV
 - ... start the Workgroup contribution

Program Objectives: Setup an annual openMDM summit

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content:

- (Global) information event (virtual) for interested parties and users of ASAM ODS and openMDM 4 / 5
- Presentation of goals, application fields, status, added value and further evolution of openMDM 5

2. Intension: Addressing a broader target group

- ASAM ODS users (ASAM members in general)
- openMDM 4 users
- Tool vendors
- ...

3. Implementation:

- Peak Solution is willing to drive this topic, but needs active support by the other working group members, e.g. invitation of potential target groups (within and outside the own company), presentation of application examples, strategies, ideas, etc.
- Milestone: Q11 / 2022

Program Objectives: building a demonstrator for/with openPASS

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content

- Positioning of openMDM as an data driven integration platform for end-to-end tool chains within vehicle development and validation
- Demonstration of the interoperability of various open source tools from the Eclipse Automotive projects

2. Intension: Generation of interest in the use and further development of openMDM among new target groups

3. Implementation:

- Peak Solution is willing to drive this topic, but requires support (and funding) from other working group members, OEMs, Suppliers, tool vendors, etc.
- Milestone: QII / 2022 (prerequisite: support and/or funding)

Program Objectives: Info event for chinese companies in China

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content

- Positioning of openMDM as an data driven integration platform for end-to-end tool chains within vehicle development and validation
- Demonstration of openMDM's added value within the automotive development and validation chain
- Demonstration of the interoperability of various open source tools from the Eclipse Automotive projects

2. Intension: Generation of interest in the use and further development of openMDM (and other Eclipse projects) among new target groups via C-ASAM (= representation of ASAM in China)

3. Implementation:

- Peak Solution is willing to drive this topic (via Peak Solution China) in close cooperation with Eclipse Foundation and further Automotive Working Groups (e.g. openADx, openMOBILITY, openPASS, etc.)
- Milestone: QIII/2022 (prerequisite: Common big picture and single interoperability demonstrator (s))

Program Objectives: Publish Success Stories from Commercial Adopters / Users

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content

- Public Relation in order to increase interest in the project and working group, establish thought leadership and increase the membership
- Publishing of news, success stories, professional articles, interviews, etc.

2. Intension: Generation of interest in the use and further development of openMDM

3. Implementation

- Peak Solution is willing to drive this topic, but requires support (input) from other working group members and Eclipse marketing
- Milestone: ongoing activity - already started in October with articles, news and LinkedIn blog posts
 - A Data Repository for Scenario Based Testing based on openMDM
 - Eclipse openMDM Working Group held a technical discussion with the prostep ivip FDX Working Group

Program Objectives: extend cooperation with the Eclipse Automotive Working Groups

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content

- Finding common interests, plans and goals together with the other Eclipse Automotive WGs
- Planning common activities as for public relations (e.g. events) events, showcases (e.g. demonstrator)

2. Intension: Generation of interest in the use and further development of openMDM

3. Implementation

- Strengthen the communication,
- Monthly attendance at the „Eclipse Automotive - bringing Automotive together“ meetings
- Contact with openPASS to build a demonstrator

Program Objectives: continue software development for mdm|bl project

Project Adoption

Technical Initiatives

Thought Leadership

Increase Membership

1. Goal and Content

- Upgrade to ASAM ODS 6 (Corba -> REST API)
- Implementing the AoFile Features
- Improve the usability of the web client (e.g. X-Y-Chart Viewer)
- Release mdmbl 5.3 (or 6.0)

2. Intension: New features, for better and wider usability

3. Implementation

- External contributions from member companies
- Continuous support from the product manager and developers

mdmBL improvements in the last year

> **Milestone 5.2.0M3 (16.11.2020)**

- Add support for handling external components import/export
- Implement append functionality for channels
- Show Status of Test, TestStep and Measurement in web client
- Show multiple Channels in Quickviewer data table
- Bugs fixed

> **Milestone 5.2.0M4 (24.03.2021)**

• Node Provider:

The navigation structure of the client application can be adapted to the needs with one or more configurations of the Node Provider.

• Documentation:

The documentation was transferred to AsciiDoc, the sources are now part of the mdm Git repository: ``org.eclipse.mdm/doc``

• Bugs fixed

> **Milestone 5.2.0M5 (planned for Q1 2022)**

- Support Unit and Quantity in web client
- Support for Tags
- Support for ParameterSets
- User guide available
-

• Tickets for the next release:

<https://projects.eclipse.org/projects/automotive.mdmbml/releases/5.2.0/bugs>



Member Participation

How You Can Help

- > **Follow and engage with @ on Twitter and LinkedIn**
 - Please use # hashtags whenever relevant in your posts
 - Ask your company's social media manager to follow and RT from official handles
 - Please share news and updates with your own personal networks
- > **Share your project-related news and announcements with news@eclipse.org**
 - Let us know 4-6 weeks in advance of a newsworthy project milestone, so we can draft an announcement, pitch to media, and/or schedule briefings with Mike Milinkovich and the Project Lead
- > **Author blog posts that mention Adoptium or related projects**
 - Write a post about your experience as a member of the Adoptium community
- > **Share your use cases and success stories with news@eclipse.org**
 - Let us know how you are ...
- > **Volunteer to give a webinar / host a virtual meetup**
 - Fill out this form: <https://forms.gle/KJQ7T3a3V5NZPLEdA>
 - Virtual meetups managed through meetup.com: <https://www.meetup.com/Virtual-Eclipse-Community-MeetUp/>
- > **Submit talks to CFPs for working group's awareness**

Proposed Member Goals

Program	All Members
Publications (Articles, Blogposts, News)	4/year
Project-related Social Media Posts from Official Channels	4/year
Case Studies/Use Case	2/year
Webinar	2/year



Key Metrics

Growth Metrics

Member, Adopter, and Project Growth

Metric	(as of 10/2021)	Targets (by 12/2022)
Members	7	7++
Commercial Adopters*	10	+3
Special Interest Groups (SIGs)**	1	2
Projects***	1	1



Thank you!