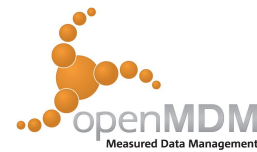# News from the openMDM® Working Group

July 2023, Angelika Wittek
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openMDM Working Group

> July 11th, 2014: The Working Group has been created.

> Building an open source, vendor-independent, and server-based application for the management of ASAM ODS compliant measurement data

Members

**Project:
Eclipse MDM|BL**

Eclipse Foundation Industry Collaborations

> Provide an open and vendor-neutral governance framework for collaborative development
> Enable industry collaboration and coordination across many open source projects
> Extend the best practices of the Eclipse Development Process
> Support the shared development of requirements, specifications, marketing strategy, test environments, security policies, etc.

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Ongoing and planned activities of the WG

> Standardisation of the openMDM Application Model:
- Development of a new ASAM associated standard for the openMDM 5 application model
- Part of the P_2023_02 ASAM ODS V6.3.0 project proposal
  (https://www.asam.net/project-detail/p-2023-02-asam-ods-v630/)
- Start in autumn 2023
- Evaluation of standardizing the REST API (or core parts of it)

> support for ASAM ODS 6:
- ODS-Adapter with API via HTTPS

> Coordination and synchronization of development

> Investigate future needs (e.g., big data) and fields of application (e.g., autonomous driving) for test and simulation data

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Eclipse mdmbI application

other client (e.g. RCP)

mdmbl web client

other (vendor) tool

REST API

- Managing data storage
- Search (all data sources)
- Navigation
- Data import/export
- Selection of test data
- Access Control

} openMDM application model based on the ASAM ODS standard

mdmbl | core

JAVA API

Adapter

Adapter

ASAM ODS data source

data source

ASAM ODS compatible

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Planned activities for the mdm|bl application

> Release 5.2 planned for 28 July 2023
  - User Guide
  - Support of AoFile
  - Extended Application Model
  - Enhancements for Web Client / Usability
  - API performance improvements
  - New IP processes implemented

> Enhancement of the openAPI documentation

> Technical tasks:
  - Move of the Eclipse Git repositories to Eclipse GitLab
  - Transfer the Eclipse openMDM Wiki to Eclipse GitLab Wiki

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Links - openMDM

> Website: https://www.openmdm.org/

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

> Project Page MDM|BL:
https://projects.eclipse.org/projects/automotive.mdmbl

> openMDM Application Model:
https://git.eclipse.org/c/mdmbl/org.eclipse.mdm.git/tree/model?h=dev

> Mailing List:
https://accounts.eclipse.org/mailing-list/open-measured-data-wg

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Questions?

Contact the **openMDM Working Group** via the mailing list
https://accounts.eclipse.org/mailing-list/open-measured-data-wg

or

awittek.openmdm@angelika-wittek.de

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