

EclipseCon 2022
Automotive Community Day

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KARAKUN

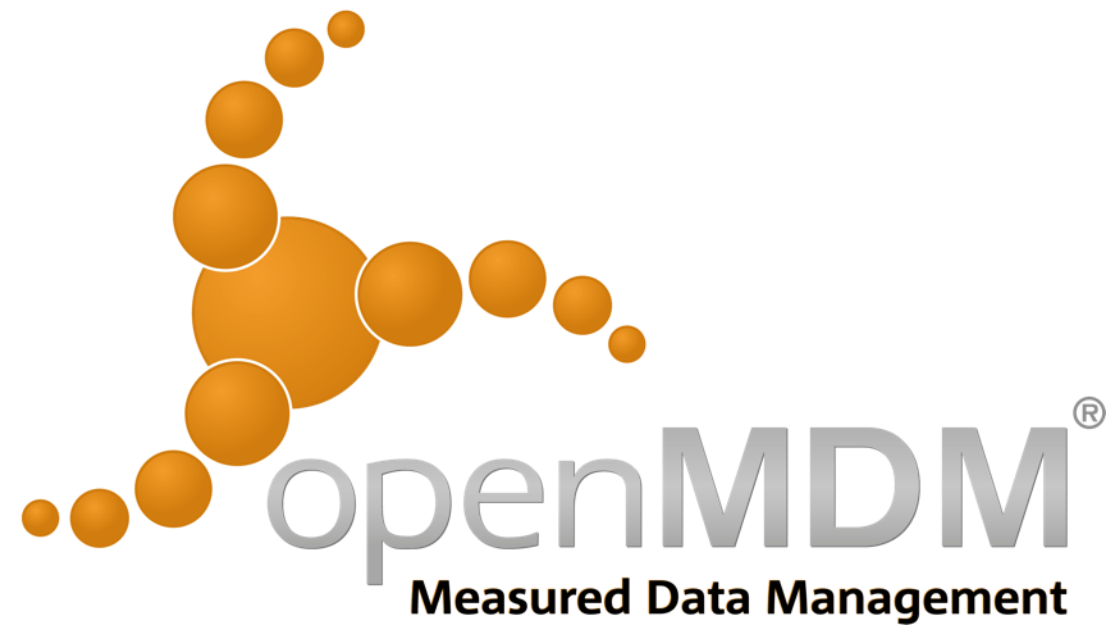
www.karakun.com



We are developing
software.

Custom Software Solutions
Digital Engineering Solutions





Our Members



MÜLLER-BBM
VibroAkustik Systeme

SIEMENS

ARRK

KARAKUN

PEAK SOLUTION

ASAM



<https://openmdm.org/>

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Data Driven Engineering

Requirements management

Order delivery



Data provisioning for downstream process

Input data
(describing the system)



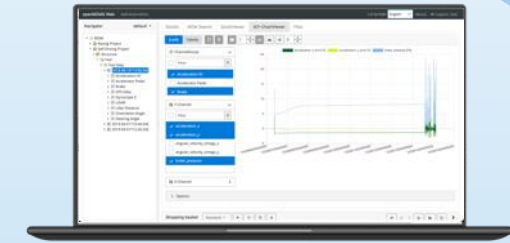
SYSTEM



Meta data



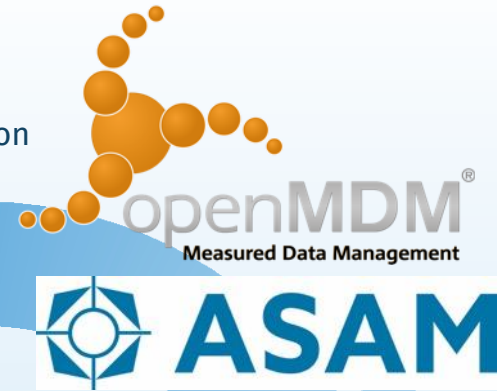
Collected simulation & test data



Results

Output data
(generated by system)

Analysis

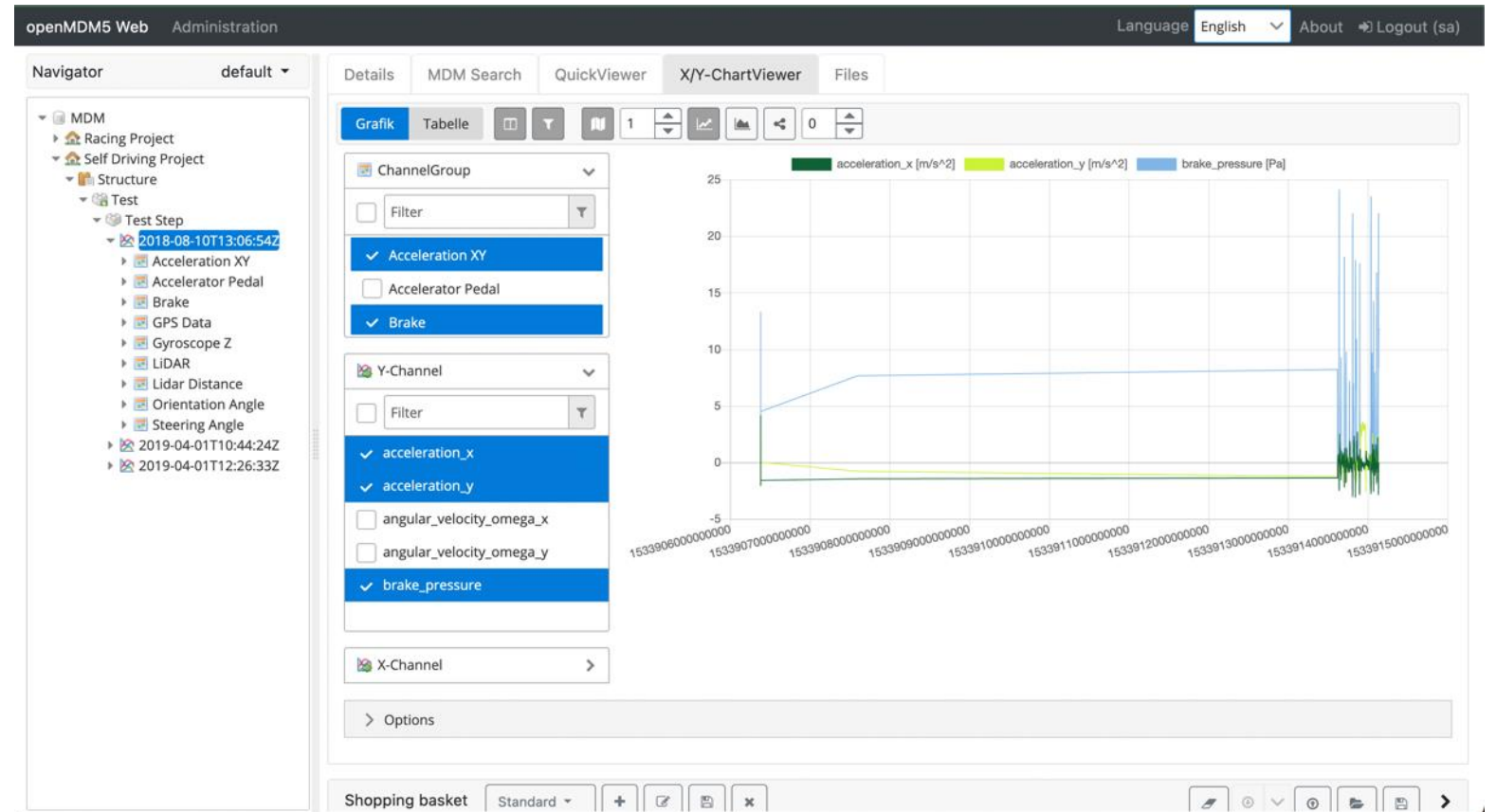


openMDM + ASAM ODS = Repository for Result Data

1. Extensible ODS Application Model
2. API: Model- & Instance Data
3. Adapters to ODS Storage Systems
4. Example Web-UI ("Explorer")

Benefits:

- Standardized
- Interoperability
- Collaboration
- Sustainability
- Traceability
- Protection against Vendor Lock-in



Why openMDM?

It's open source!



Why openMDM?

Powerful features to create **multiple application specific models** for system components based on the **ODS standard** and living together **in one database**



Thank you

Questions?



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