



Combining openMDM with Big Data
openMDM Summit

24.05.2022

KARAKUN

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KARAKUN

www.karakun.com

We are developing software.

Agile. User-centric. Successful.



Why Karakun?



Longterm customers & partners



Successful projects



Experienced team



Continuity



Software community engagement



Engagement in research & teaching

24 successful projects with 18 customers since 2018. Oldest customer from 2003. You get a reliable partner.

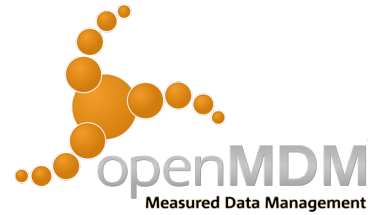
Our experts have many years of experience in different industries and disciplines. You get planning security and concentrated expertise.

We have our finger on the pulse. You benefit from the latest know-how.

Open-Source Engagement



Developer & maintainer of
OpenWebStart



Member of Eclipse Working
Group openMDM



Strategic Member Eclipse
Adoptium Working Group
(Temurin)

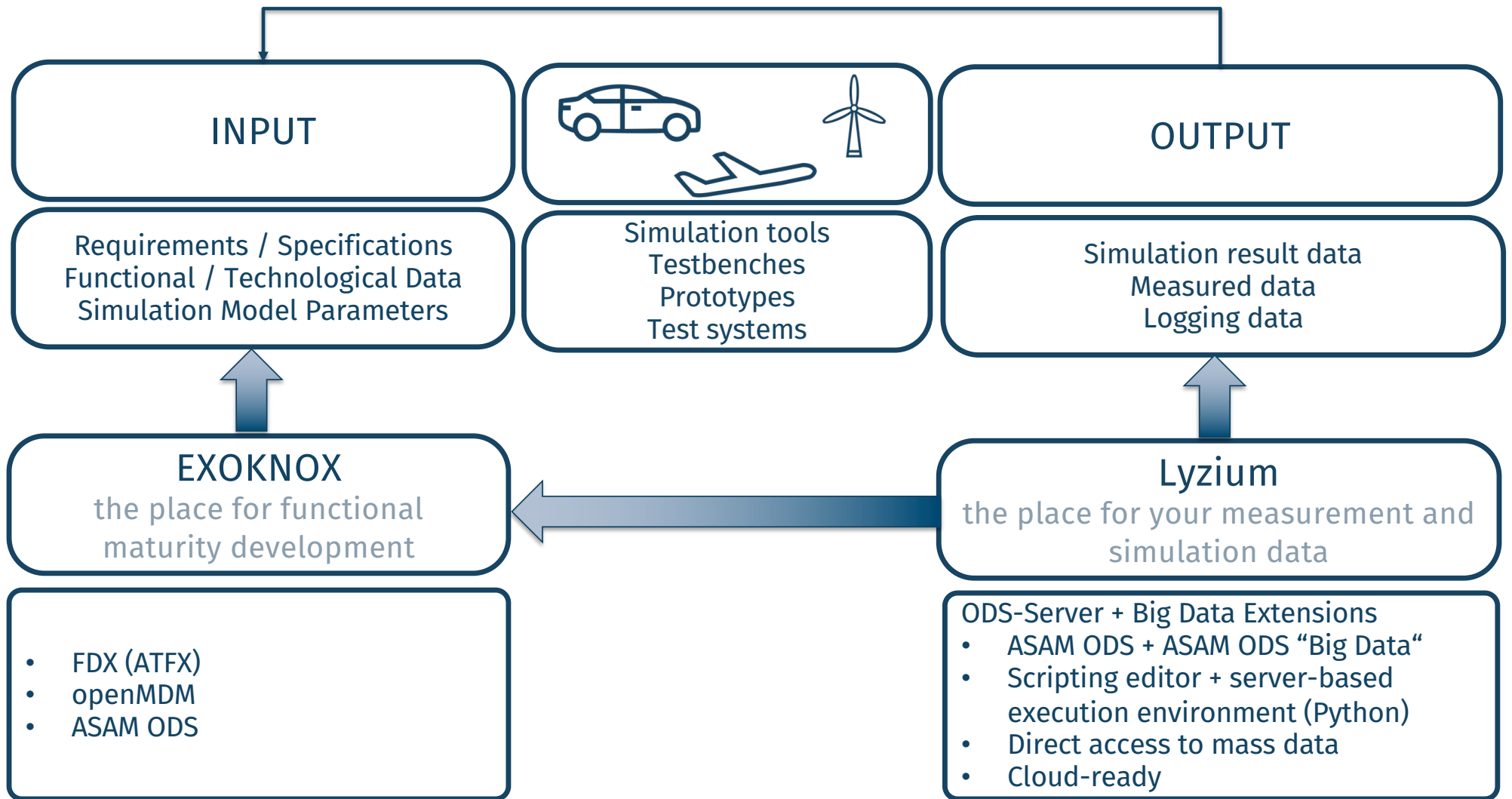


Supporting Member
Eclipse Working Group
Software Defined Vehicle

& many more ... WebTest, PillarOne, Dolphin, Rico, Groovy, Griffon, PreferencesFX, WorkbenchFX, Xtext, gedit, ...

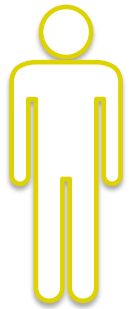
Digital Engineering Solutions

We digitize your product development

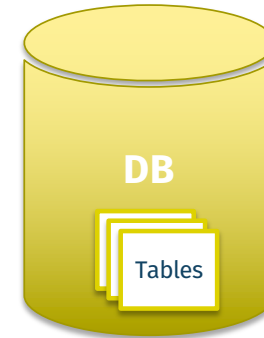
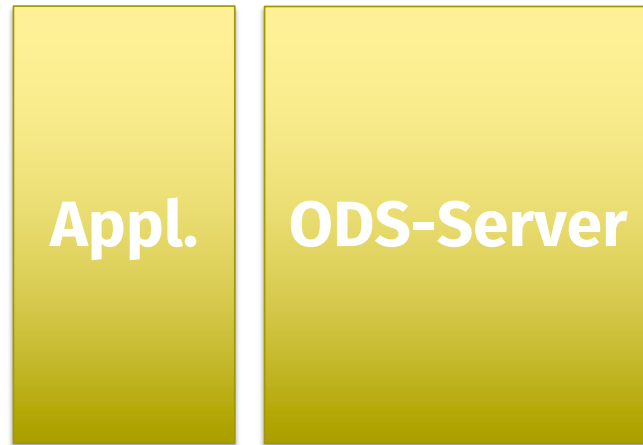


Options to Integrate Big Data with ODS

Option 1: Export from ODS to Big Data Cluster



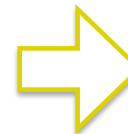
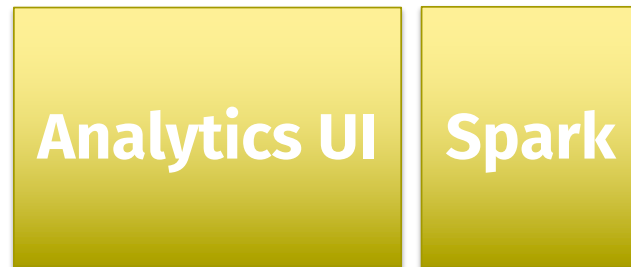
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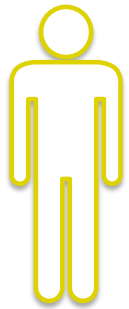
Meta-Data



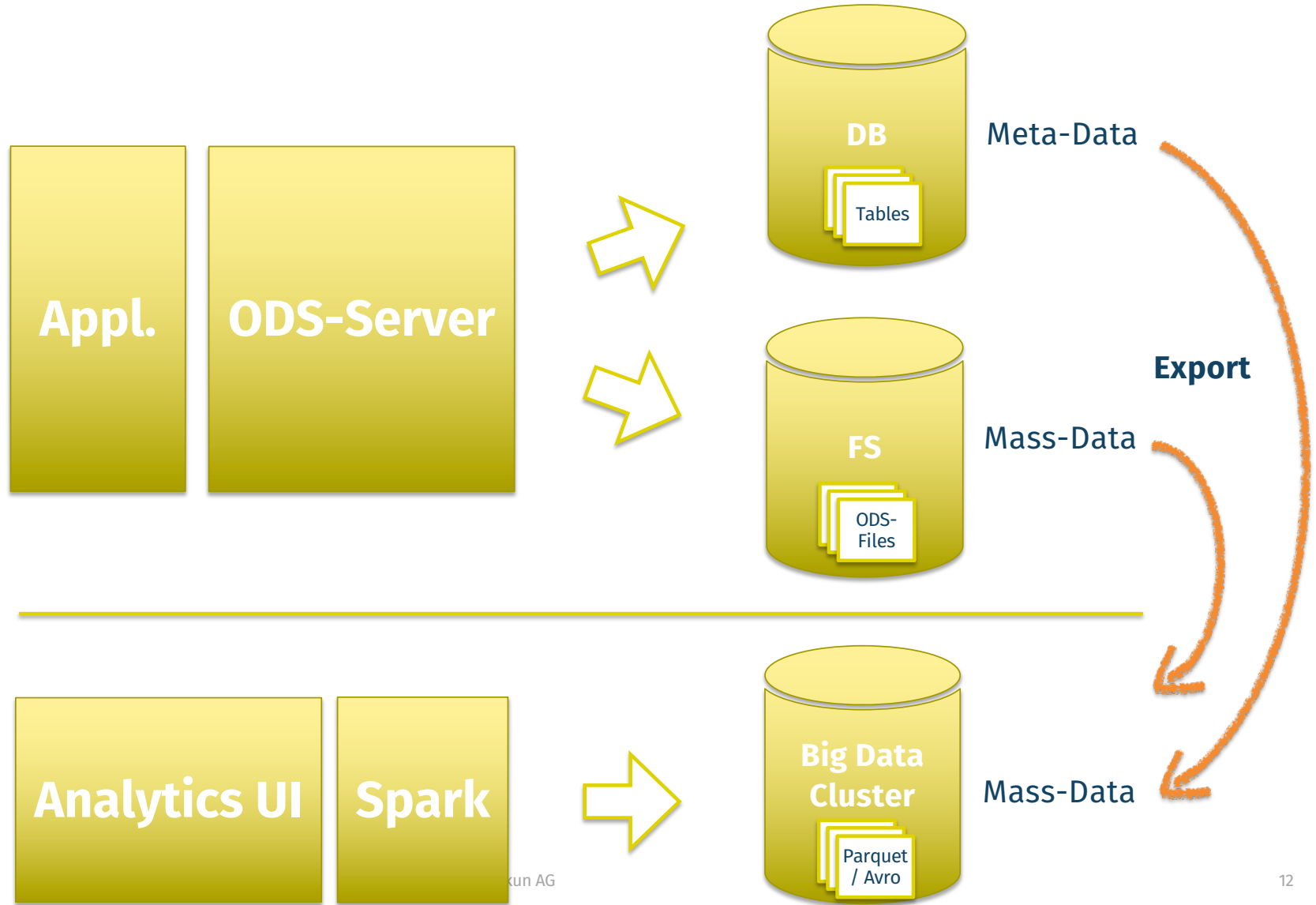
Mass-Data



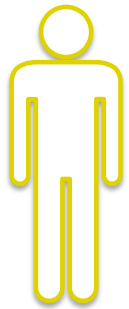
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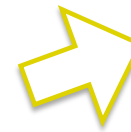
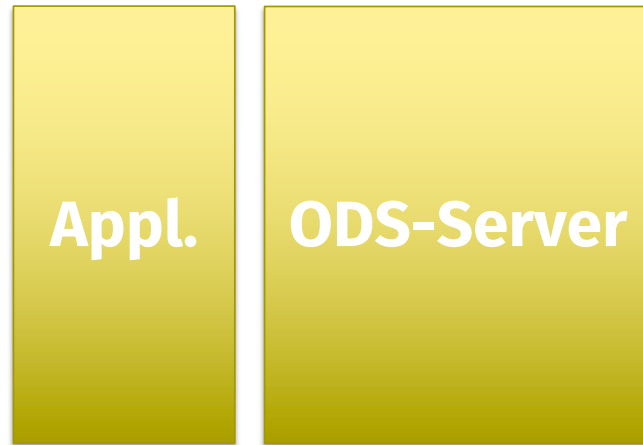
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Option 2: Direct access to ODS files via Connector



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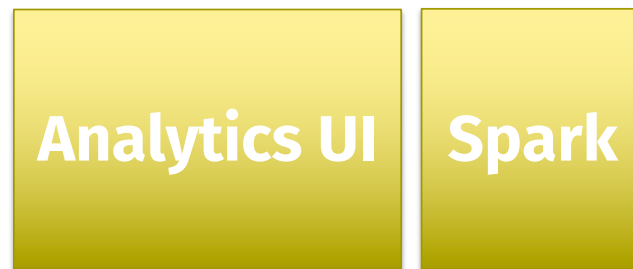
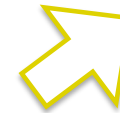


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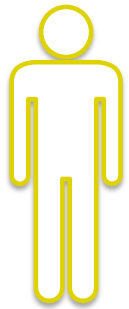


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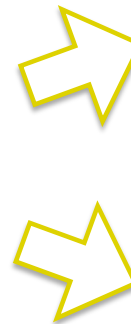
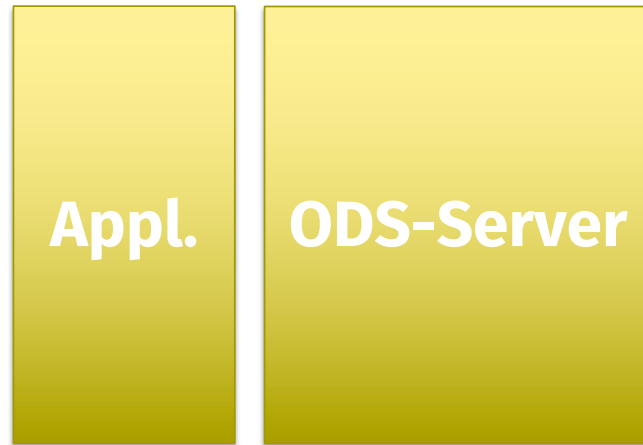
**Apache Spark
Connector**



Option 3: Direct access on a Big Data Cluster



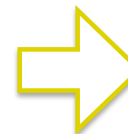
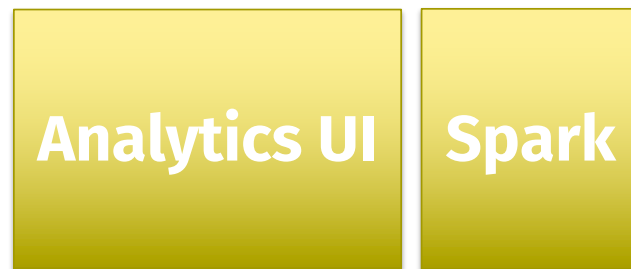
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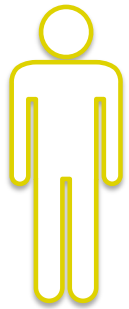
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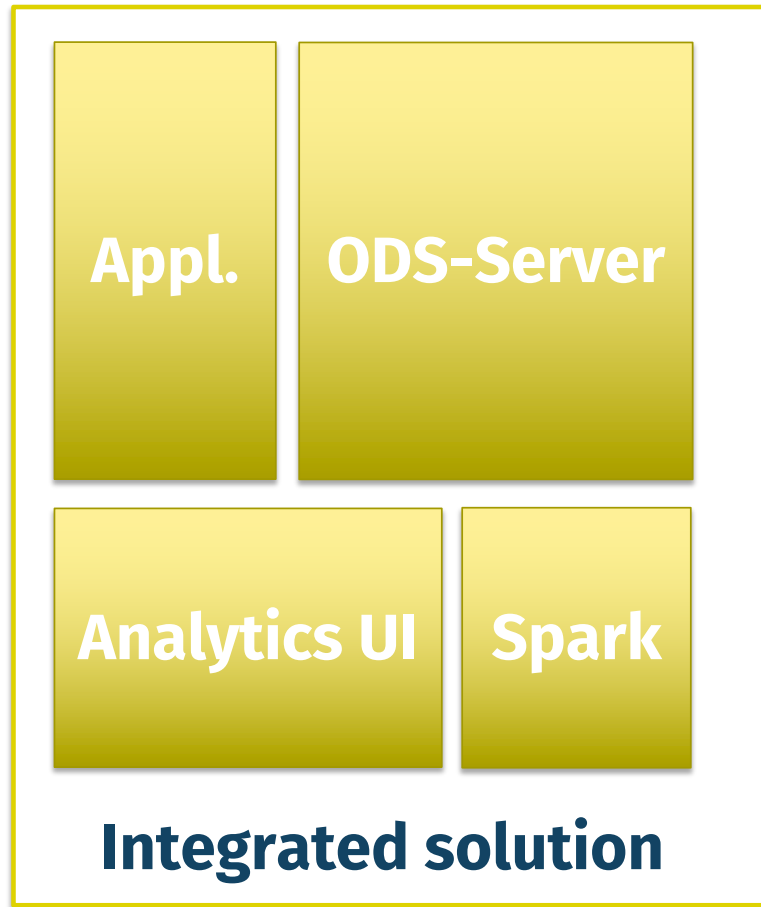
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Mass-Data



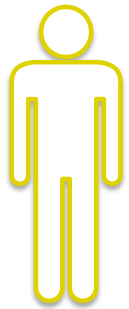
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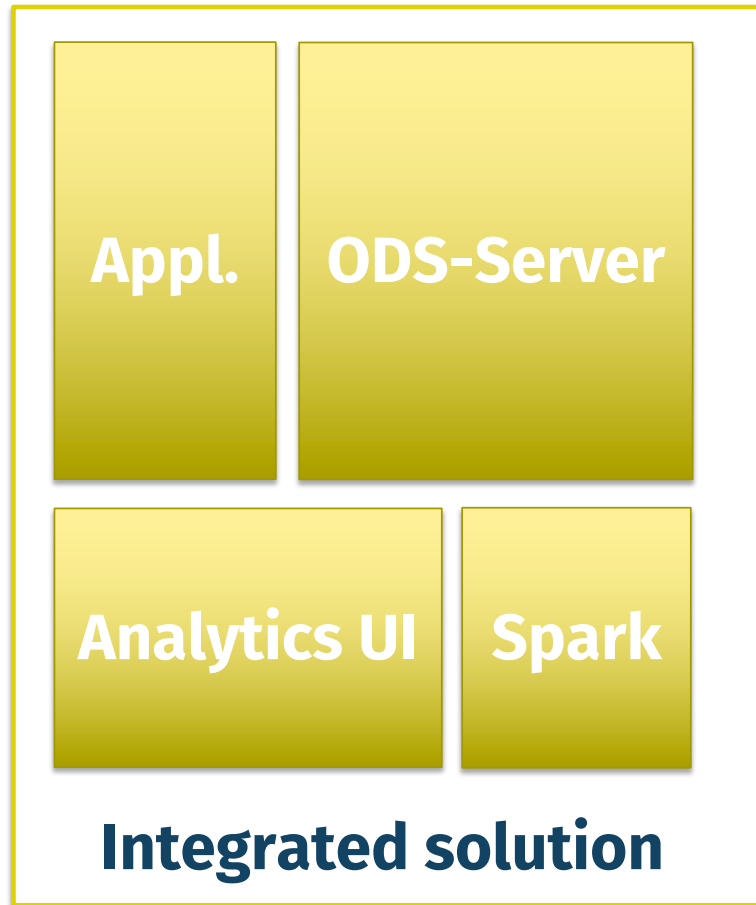
Meta-Data



Mass-Data



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Apache Spark
Connector



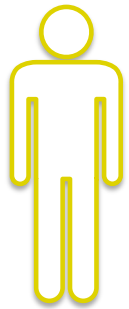
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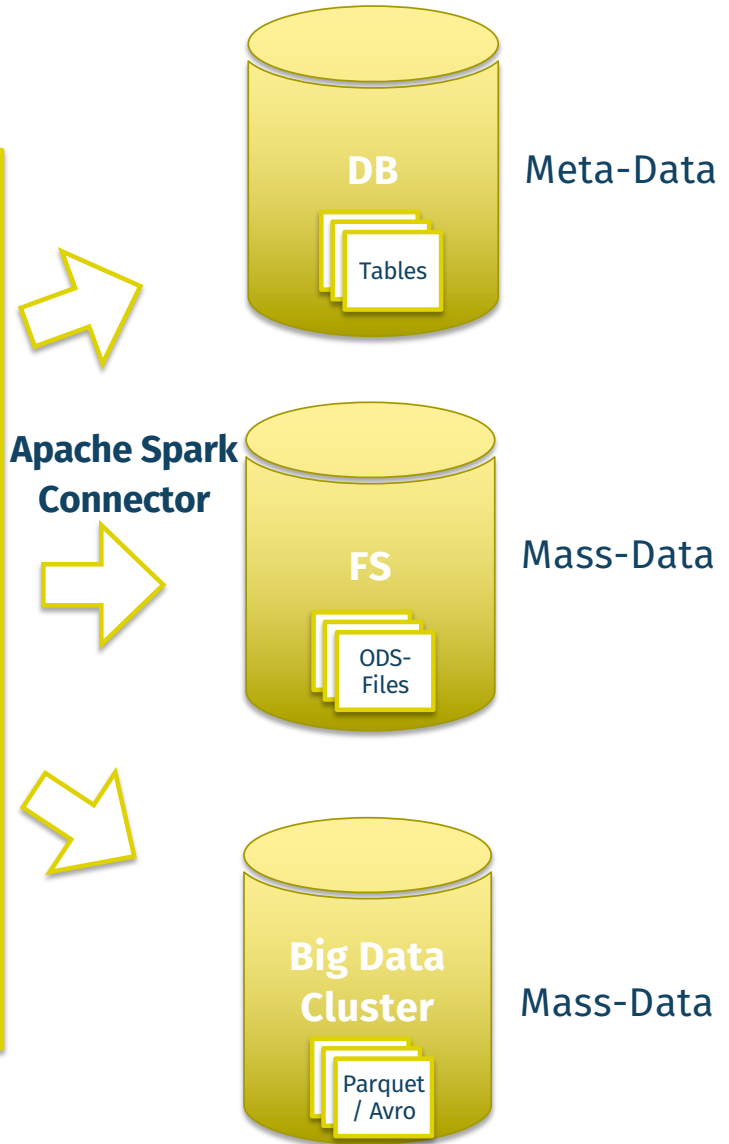
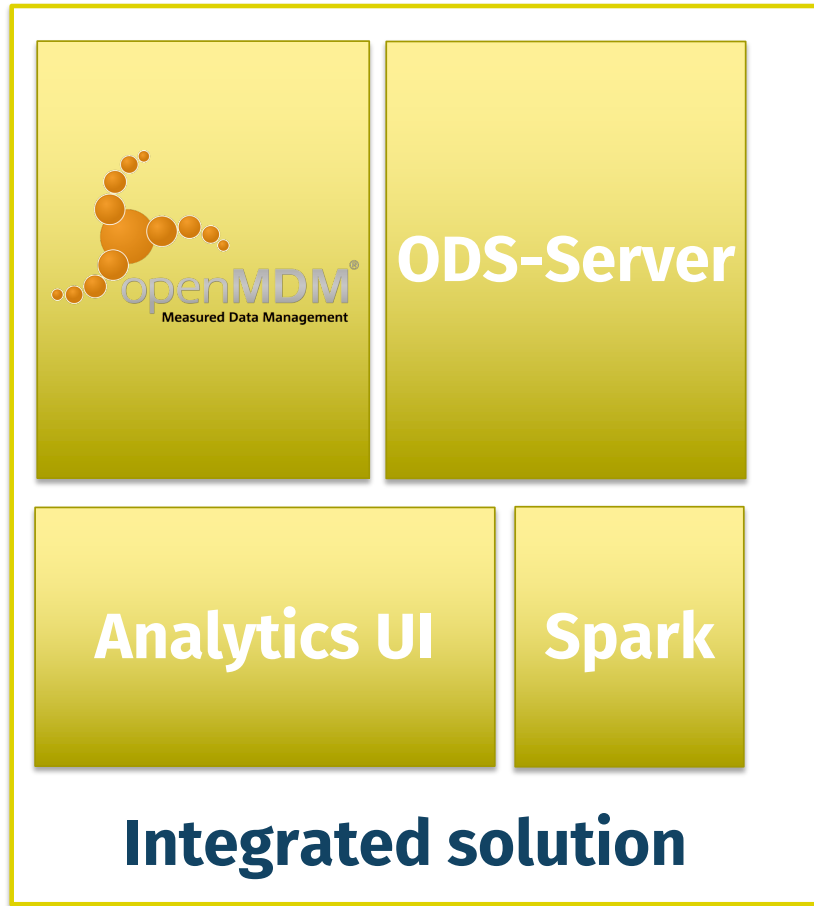
Mass-Data



Mass-Data



Find all tests with
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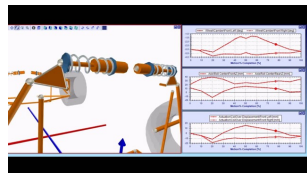
Use Cases



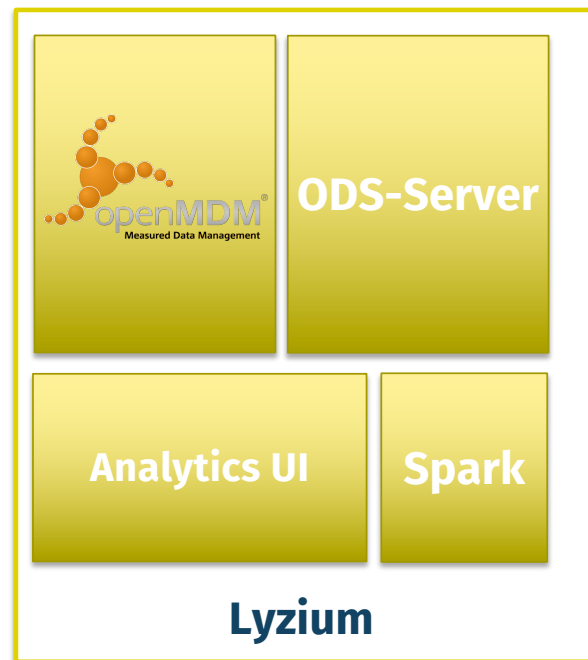
test vehicles



testbenches



simulation tools



- (Automatic) Postprocessing
- Quality checks
- KPI extraction
- Dashboards
- Analytics
- Filtering
- Cut-outs
- Export to specialized tools
- Report generation
- ...

Q & A



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