openMDM® 5 development status:

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**openMDM® Eclipse Working Group
General Assembly**
July 3rd, 2019

mdmbl Application - Release 5.0.0

Release and Graduation Review successfully passed, 8.11.2018

- Overview:

  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.0.0
- Issues:

  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.0.0/bugs
- Milestones:

  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.0.0/plan

mdmbl Application - Release 5.1.0

Release Review planned for Q4 2019

- Overview:
  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.1.0
- Issues (48):
  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.1.0/bugs
- Milestones:
  https://projects.eclipse.org/projects/technology.mdmbl/releases/5.1.0/plan

IP Management

- 124 CQs in total
- 30 since release 5.0.0
- updated notice files with every milestone, e.g.
  https://git.eclipse.org/c/mdmbl/org.eclipse.mdm.nucleus.git/tree/NOTICE.txt

Top users of Licence Certification Third Party Due Diligence (Apr 2018 to Mar 2019)

Other
15.1%

Eclipse Keyple
1%

Eclipse Mojarra
1%

Scout
1.3%

Eclipse Jakarta EE TCK
1.9%

Rank 12

MDM|BL
2.4%

Vorto
2.8%

Eclipse Kuksa
2.9%

Eclipse SW360antenna
3.8%

Other

Che

Che
9.1%

Eclipse Jersey

Eclipse Jersey
8.2%

Eclipse openK User Modules
7.3%

Eclipse Wild Web Developer
5.7%

Lyo
4.9%

Eclipse ioFog
4.8%

Lyo

GeoTrellis
4.2%

GeoMesa
4%
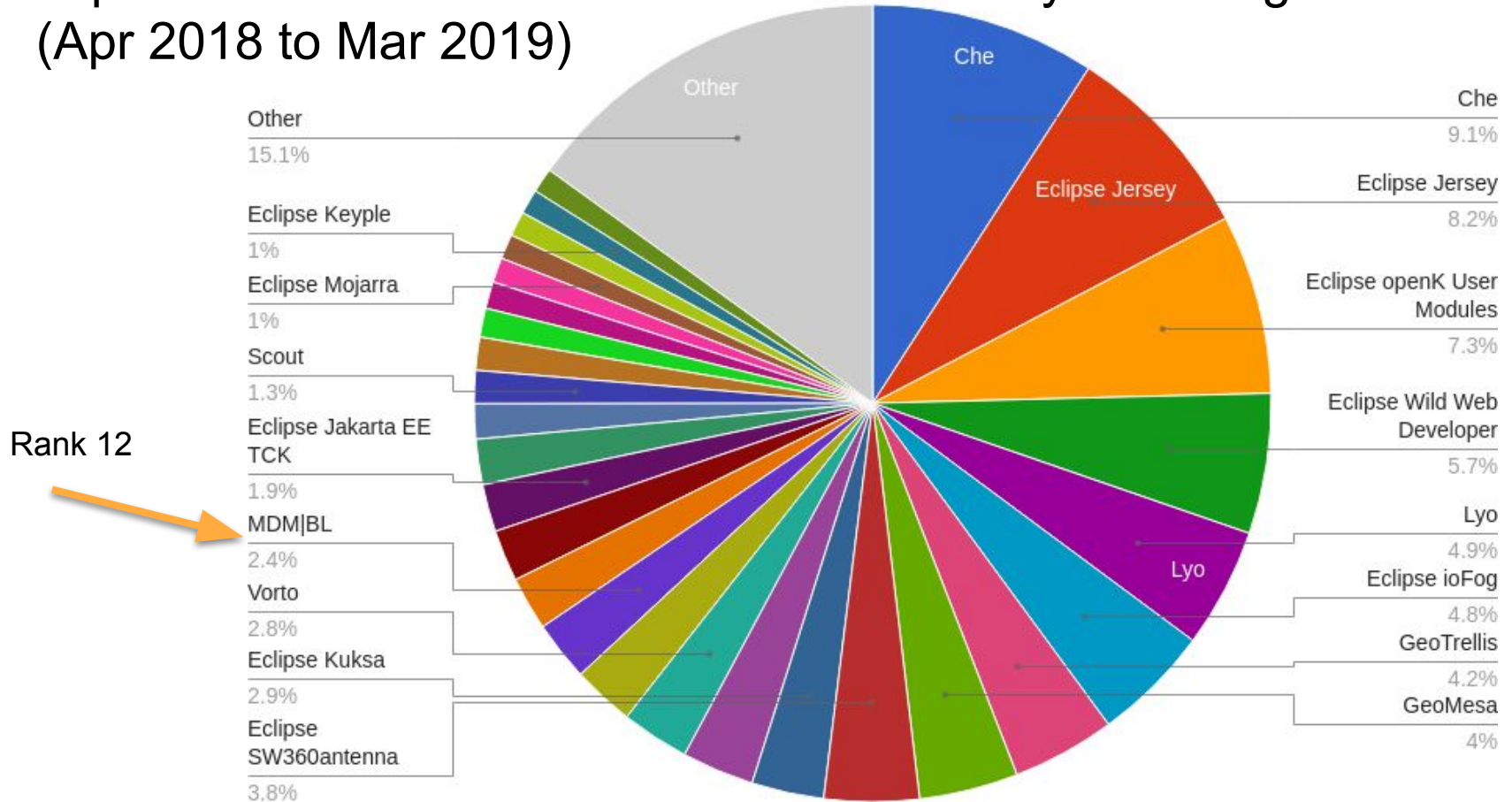
Current Activities: settle technical debts

Milestone 5.1.0M3

- I18N for web frontend, available languages: German, English. Other languages can be added by providing language files via configuration
- Upgrade Angular2 -> Angular7

Milestone 5.1.0M4 (planned for July 2019)

- Support for Eclipse Glassfish 5.1, Glassfish 4 is still supported (BMW)
- Upgrade ElasticSearch 2.3.x -> 7.2

Current Branches

- master   -> 5.1.0M3
- dev   -> 5.1.0M4-snapshot

- mkoller/atfxadapter   -> Contribution BMW: merged (5.1.0M2)
- mkoller/filelinks   -> Contribution Siemens LMS
- mkoller/measurementvalues -> Contribution MTU

- anehmer/integration   -> ATOS
- anehmer/restapi   -> ATOS
- anehmer/templateversions   -> ATOS

AC collaboration

- regular calls every 4 weeks
- meeting minutes published on wiki and public mailing list
- discussions conducted about planned external contributions
- for technical background: invite developers involved!
- better understanding of all AC members about the requirements (e.g. different ASAM ODS compliant data sources)

SC collaboration

- last call?

Externally driven contributions (1)

New process for external contributions [1]

- worked with
  - BMW / Peak Solutions: 5.1.0M1, 5.1.0M2
  - Siemens / Peak Solutions: 5.1.0M?

[1] https://wiki.eclipse.org/images/d/df/OpenMDM-Guidelines_for_external_contributions_V01-0.pdf

External driven contributions (2)

- lack of collaboration for Daimler features
  - AC was informed by ATOS
  - there is code on Git branches, developed by ATOS
    -> features are attractive for / needed by other parties
  - quality unclear
  - timeline unclear

  => need to be discussed by SC

External driven contributions (3)

- new constellation: contribution from MTU via Peak Solutions
  - communication via Peak Solution
  - features are coordinated with AC / SC
  - development on Eclipse mdmbl Git branches

DevTeam Resources 2018/2019

Product Manager (Angelika Wittek):   62 days

Developers (Matthias Koller, Martin Fleischer): 62 days

Status as of July 1st:

- Product Manager: 3 days left
- Developers: 10 days left

mdmbl Roadmap

Milestones:

- 5.1.0M4: Eclipse Glassfish 5.1. support, ElasticSearch upgrade
  -> July 2019 ? (missing resources)
- Contribution Siemens STS / Peak Solution (filelinks)
- Contribution MTU / Peak Solution (measurementvalues)
- Contribution Daimler / ATOS

Release 5.1.0 planned for Q4 2019

Open issues

- JIRA Usage
- User Guide
- Integration Environment
- Test Data
- Docker Container - "ready to use"

Questions?

Contact me:

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or via the mailing list

subscribe: https://dev.eclipse.org/mailman/listinfo/mdmbl-dev