

# MRL: Market Readiness Level

Antoine Mottier - CTO @ OW2

OnRamp webinar - 2024/04/19

# About me & OW2

- OW2 is a non-profit organization
- $\approx$  30 members
- $\approx$  50 projects

# MRL overview

- A methodology and a software solution
- An indicator of open source project maturity
- Build using various data sources
- A tool to promote open source projects

# A quick look at MRL user interface

- Quick demo with OW2 XWiki
- <https://projects.ow2.org/view/xwiki/#market-readiness>

# Who MRL is for?

- Decision-makers such as OSPo program officers
- Open source projects development team

# For decision-makers

- MRL score, a concise indicator...
- ...but all details are available!
- Don't only look at the MRL score

# For project development team

- Might highlight what is not going so well
- But provide guidance to improve!

# How it is done?

- Different data sources:
  - Automatically collected
  - Best practices auto evaluation
  - Market capabilities after an interview of project leader



# Automatically collected data

- Source code repository: GitLab, GitHub, etc.
- Bug tracker
- Code quality (using SonarQube)
- Licensing (using ScanCode)

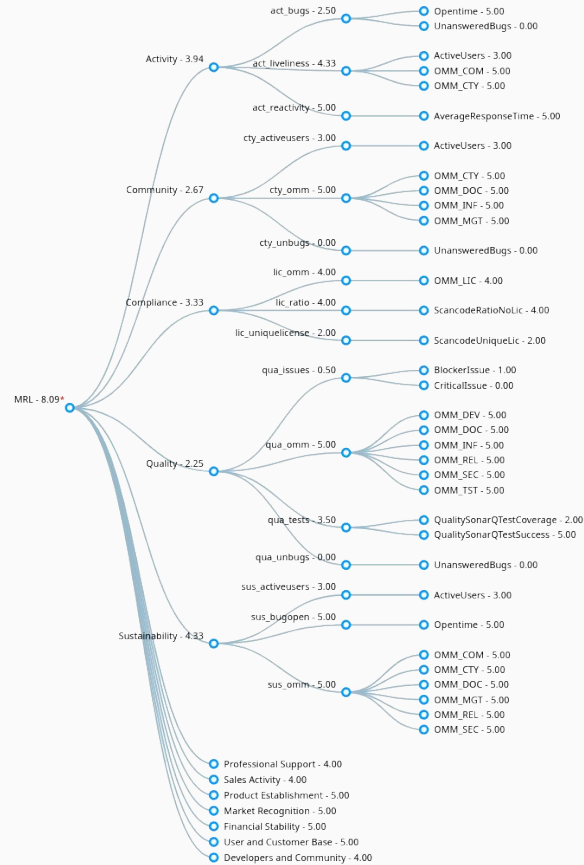
# Best practice data

- 10 best practices categories with 5 questions each:
  - Communication
  - Community
  - Documentation
  - Infrastructure
  - Management
  - License
  - Process
  - Testing process
  - Release management
  - Security
  - Vulnerability management

# Market capabilities

- 7 different key indicators with score from 0 to 5:
  - Product establishment
  - Developers and community
  - Professional support
  - User and customer base
  - Sales activity
  - Financial stability
  - Market recognition

# Data aggregation



# Limitations and future development

- Focus on projects backed by a company
- One repository scanned per project
- Still some stickiness with OW2 infrastructure
- Ongoing development: feedbacks and contributions are welcome!

# Final words

- MRL is a unique tool to evaluate projects and it includes real human data!
- A tool not only for decision-makers but also for development team
- Ads: OW2con June 11-12 includes a breakout “OSP0, you can be heroes!”  
Register at [www.ow2con.org](http://www.ow2con.org)