MRL: Market Readiness Level

Antoine Mottier - CTO @ OW2

OnRamp webinar - 2024/04/19
About me & OW2

- OW2 is a non-profit organization
- ≈ 30 members
- ≈ 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)
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 “OSPO, you can be heroes!”

Register at www.ow2con.org