

Exiv2 v1.0

2021-04-24

10:00 UTC / 11:00 BST / 12:00 CEST / 23:00 NZDT

Agenda

- Project charter
- Timeline for v1.0
- Working groups
- Working guidelines
- Priority features

Project charter

Project aim

- Stable and complete API with Unified Metadata Container
- Security and bug fixes
- Modernize Code
- Ready for future development

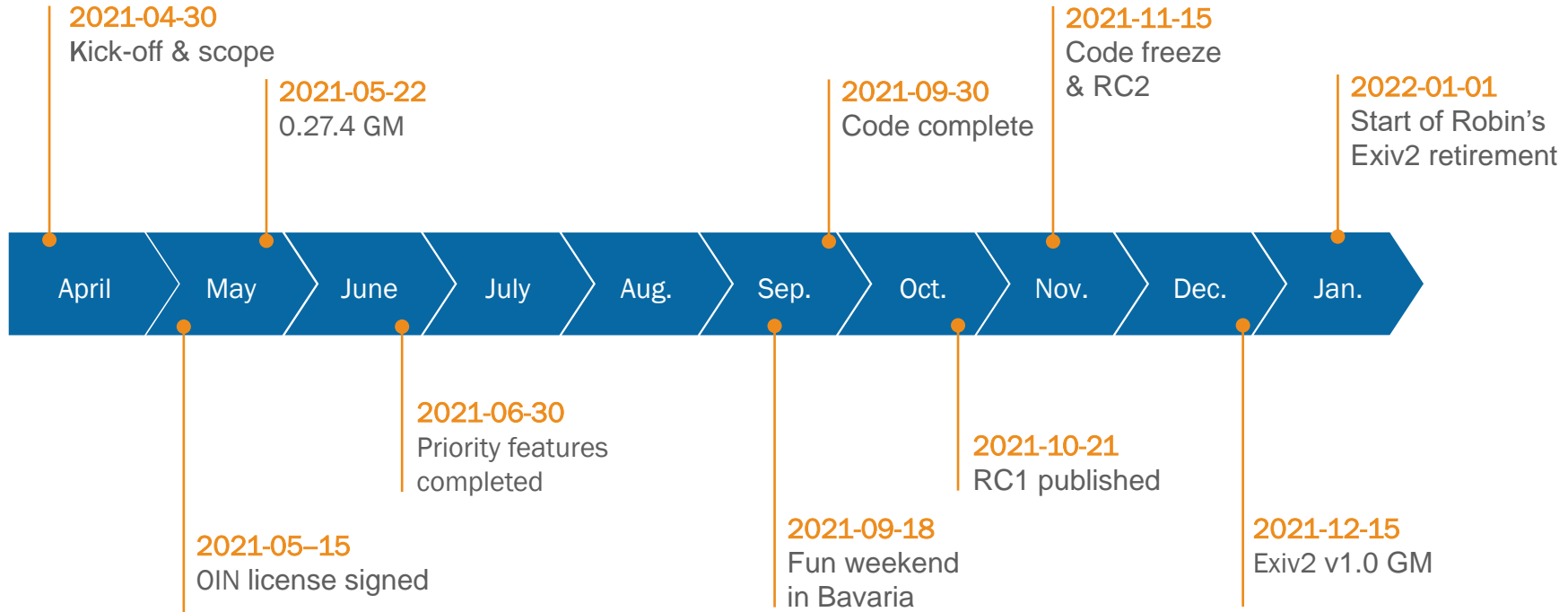
Assumptions

- Delivery is expected in a timely manner for accepted challenges
- We only deliver feature where we have the resources for

Out of scope

- No milestones are planned after v1.0

Timeline for Exiv2 v1.0



Working guidelines

We succeed & fail together

- Working on Exiv2 should be fun
- Delivery is expected in a timely manner for accepted challenges

PR responsibility

- A person who opens a PR is responsible for merging the PR and deleting the branch
- All PRs should be submitted to the Exiv2/exiv2 repos due to ease of review & collaboration

Time commitment

- Each team member commits his time availability at the beginning of the project

Help

- Team members should reach out for help when necessary
- Team members are required to reach out in a timely manner if a delivery date is in doubt

Communication channels

- Team internal
<https://matrix.to/#/#exiv2-chat:matrix.org>
- Issues: GitHub
- Other: online meetings

Feedback hours of Robin

- Saturday: 15:00 – 17:00 UTC
- Sunday: 15:00 – 17:00 UTC (Ping Robin in advance)
- Zoom meeting details:
 - <https://us02web.zoom.us/j/9129667335?pwd=cjFvWHNnMlpwOEYySE44dHFrdWtyZz09>
 - Meeting ID: 912 966 7335
 - Passcode: 2ngkdc

Working Groups

Code

- Luis
- Rosen
- Pydera

Metadata

- Milos
- Christoph
- Tom

Test & localization

- Peter
- Leonardo
- Alex S

Project mgmt & security

- Robin
- Alex
- Yuan
- Kevin

Priority features

Code

- C++ Modernization
- 32/64 bit support
- Investigate JPG200 check-boxes
- Add Arm job to Travis-CI
- CVE infinite loop in Exiv2::Jp2Image::encode:Jp2Header
- UBSan violations
- Add Safe::cast
- Simplify cmake/compilerFlags.cmake

Metadata

- Unified Metadata Container
- Investigate removing xmppsdk from code base
- Comment and EXIF data cannot be read in PNG
- Implement Adobe Exif >64k in JPEG
- Rewrite sanity checks for CiffComponent size & offset
- Add namespace to XMP toolkit – exiv2&libexempi
- Canon AFIInfo Rotation

Test & localization

- Better integration of bash_tests with system_tests
- Better documentation
- Crowdin localization

Project mgmt & security

- Join OIN
- Weekend in Bavaria
- User Support
- Release Engineering



Further features are to be discussed & listed in the GitHub backlog