



Annual Review for rawtoaces

2nd September 2026



Instructions (REMOVE SLIDE IN FINAL)

To prepare for your project's annual review, please select and complete the section of this deck that corresponds to your project's current maturity stage. You may add additional slides to address specific review criteria relevant to your project.

Sandbox project:

- Review of progress towards Incubation Stage

Incubation project:

- Review of progress towards Adopted Stage

Adopted project:

- Review of project maintaining positive growth and adoption

Working group:

- Status on deliverables and work left to be completed

Each project has 20 minutes for both their presentation and Q/A, so plan your presentation accordingly.

Brief Description:

The rawtoaces project seeks to provide a reliable and extensible software framework for the conversion of digital camera raw files to a high dynamic range scene referred format, along with establishing a database of camera and related data to enable this framework.

TSC Chairperson:

Anton Dukhovnikov (antond@wetafx.co.nz)

TSC Members and Affiliations:

no active members

Contributed by:

AMPAS

Key Links:**Github:**

<https://github.com/AcademySoftwareFoundation/rawtoaces>

Website:

<https://rawtoaces.readthedocs.io/en/latest/>

Artwork:

<https://artwork.aswf.io/projects/rawtoaces>

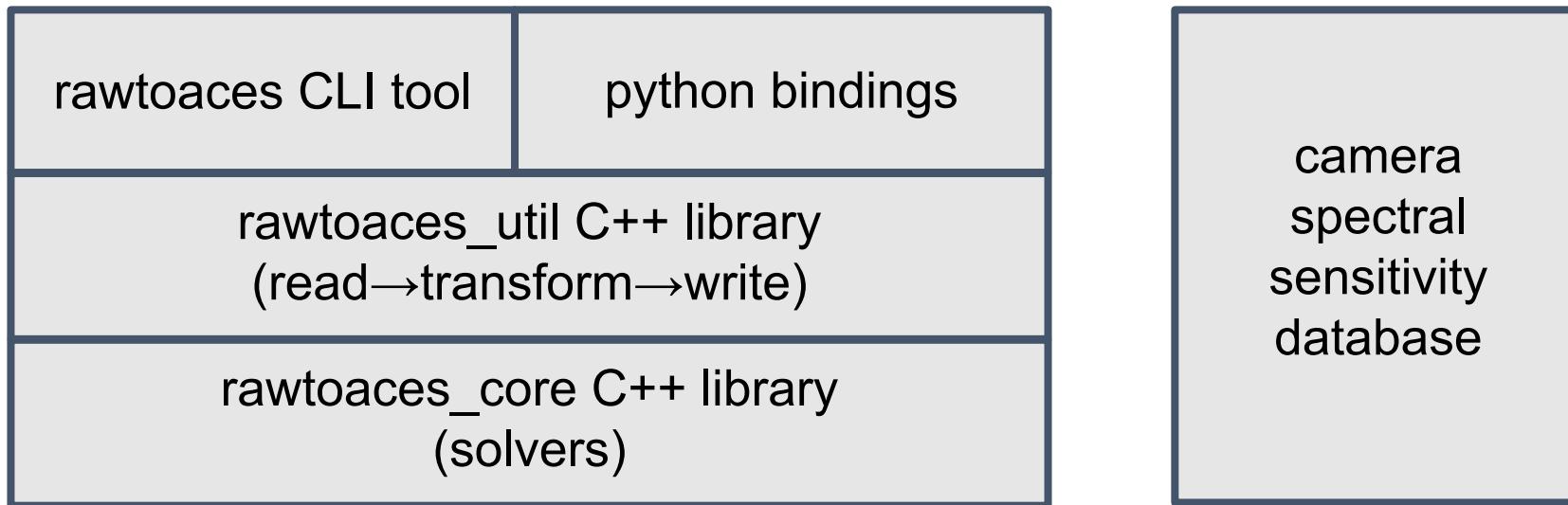
Mailing list:

<https://lists.aswf.io/g/rawtoaces-discussion>

OpenSSF Best Practice Badge URL:

<https://www.bestpractices.dev/projects/11185/passing>

rawtoaces components



Roadmap

Goals from last year:

- transform cache (done)
- lens correction (done)
- rawtoaces-specific CI containers (done)
- user and developer documentation (done)
- better test suite (wip)
- python bindings (wip)

Goals for next year:

- GUI application
- exposure stacking

Incubation Project review criteria

To be accepted at the Incubation stage, a project must meet the Sandbox requirements plus:

- Have completed and approved the Technical Charter and agree to transfer any relevant trademarks to The Linux Foundation or its affiliate, LF Projects, LLC, and to assist in filing for any relevant unregistered ones. The ASWF maintains a template for projects to use.
- Have defined its technical governance, including:
 - A LICENSE file in every code repository, with the license chosen an OSI-approved license.
 - A README file welcoming new community members to the project and explaining why the project is useful and how to get started.
 - A CONTRIBUTING file explaining to other developers and your community of users how to contribute to the project. The file should explain what types of contributions are needed and how the process works.
 - A CODEOWNERS or COMMITTERS file to define individuals or teams that are responsible for code in a repository; document current project owners and current and emeritus committers.
 - A CODE_OF_CONDUCT file that sets the ground rules for participants' behavior associated and helps to facilitate a friendly, welcoming environment. By default, projects should leverage the Linux Foundation Code of Conduct unless an alternate Code of Conduct was previously approved.
 - A RELEASE file that provides documentation on the release methodology, cadence, criteria, etc.
 - A GOVERNANCE file that documents the project's technical governance.
 - A SUPPORT file to let users and developers know about ways to get help with your project.

Incubation Project review criteria (cont.)

- Have achieved and maintained an [OpenSSF Best Practices Badge](#) at the passing level.
- Have had a successful license scan with any critical issues remedied.
- Have a defined project mission and scope
- An overview of the project's architecture and features defined.
- A project roadmap defined, which should address the following questions.
 - What use cases are possible now?
 - What does the next year look like in terms of additional features and use cases covered?
- Community and contributor growth assessment
 - The current number of contributors and committers, and the number of different organizations contributing to the project.
 - Demonstrate a sustained flow of commits / merged contributions
 - A credible plan for developing a thriving user community, in particular expanding the number of committers and contributors?
 - Outline of the plan for the project to complete the requirements for Adopted Stage
- Obtain an affirmative vote of the TAC.

Adopted Project review criteria

- ✗ Demonstrate a substantial ongoing flow of commits and merged contributions, authored by a healthy number of diverse contributors*.
- ✓ Demonstrable roadmap progress.
- ✗ A healthy number of public adopters that are identified within the project.
- ✗ Have achieved and maintained an OpenSSF Best Practices Gold Level Badge
- ✗ Incubation stage requirements (GOVERNANCE).

Contributions

Contributor dependency

Distribution of contributions across individuals, highlighting the group of individual who are responsible for 51%+ of all contributions in the selected time period. [Learn more](#)

☐ Include collaborations [?](#)

 All activities ▼

 **2 contributors**
85% of all contributions

Other 20 contributors
15% of all contributions

Top contributors

Contributor	Total contributions
 Anton Dukhovnikov	783 - 48%
 Aleksandr Motsjonov	619 - 38%
 Mikael Sundell	81 - 5%
 Abhinav Gupta	67 - 4%
 Anthony Yin	23 - 1%

Organization dependency

Distribution of contributions across organizations, highlighting the group of organizations whose contributors performed 51%+ of all contributions in the selected time period. [Learn more](#)

☐ Include collaborations [?](#)

 All activities ▼

 **2 organizations**
77% of all contributions

Other 8 organizations
23% of all contributions

Top contributors

Organization	Total contributions
 Atlassian, Inc.	615 - 41%
 Wētā FX	551 - 36%
 Weta Digital	222 - 15%
 AFRY	56 - 4%
 Nya Tunnelbanan Region Stockholm	25 - 2%

Organizations contributing and/or using in production

/* ACADEMY
SOFTWARE
FOUNDATION
#ASWF

wētāFX



ACADEMY
OF MOTION PICTURE
ARTS AND SCIENCES

DNEG

VFX Industry Build Matrix Updates

- Python bindings: none → nanobind
- Python: none → 3.10+
- Active VFX platform years: 2022-2024 → 2023+
- OpenImageIO: none → 2.4+

Project Engineering Contributions Updates

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SOFTWARE
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#ASWF

Contributing organizations: Academy, Wētā FX → Wētā FX

Tactical needs/goals being met: 5% → 70%

Strategic needs/goals being met: 5% → 50%

CI / Security / Marketing Updates

- CI builds for VFX Platform 2023-2027, linux, windows, macos
- Dynamic analysis / fuzzing needs some work
- No vulnerability reports so far
- Automatic documentation builds on readthedocs and github-pages

AI / ML Code Generation Use / Reporting

- adopted the OpenImageIO AI policy
- using agents (Cursor, Codex) for both code generation and code reviews
- almost all contributions from non-core developers seem to be AI-generated

Key Achievements in the past year

- three releases: 2.0, 2.1, 2.2
- expanded the spectral measurements database from 11 to 52 camera models
- created project documentation
- increased unit-test coverage from 74% to 92%
- homebrew formula
- got the OpenSSF Best Practices Badge (passing)

Areas the project could use help on

We are looking for:

- users/adopters
- TSC members
- contributors

Feedback on working with ASWF

- The help from the CI WG is invaluable!
- Collaboration with other projects is great (mostly OpenImageIO)

TAC Open Discussion