

Open Source Sustainability in Digital Curation Software



...because this is not static. It is ever evolving, dynamic, and requires institutional commitment.

Risk mitigation

Sustainability

Transparency



**Contributing to open
source digital asset
management/preservation
systems and their
communities...**

**...is a core
component/aspect of
digital preservation;
sustainability, and risk
mitigation at the very
least.**

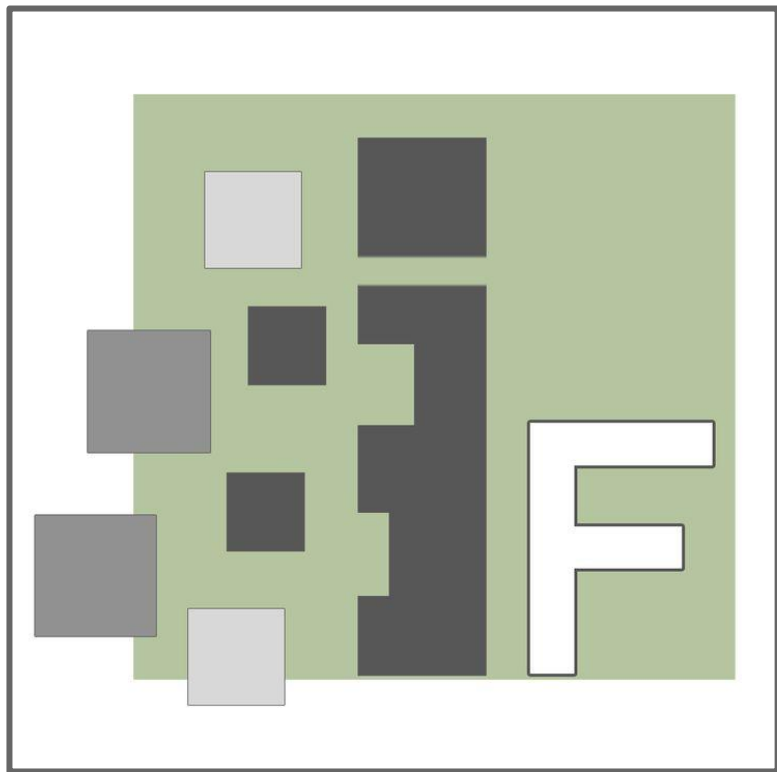
Open Source is Hard



**It takes a community to
raise this kitten**

Governance

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Fedora

- Steering Committee
- Fedora Leaders
- Committers
- Contributors
- Technical Lead
- Product Manager

Islandora

- Board of Directors
- Roadmap Committee
- Committers
- Contributors
- Community Manager

Committers

Succession planning, sustainability

Fedora | Islandora

Rights:

- Write access to the codebase
- Nomination privileges of new committers
- Release management privileges
- Binding votes on procedural, code modification, and release issues
- Access to the private committers mailing list

Responsibilities:

- Monitor and respond to project mailing lists
- Attend project and technical meetings
- Monitor and vet bug-tracker issues
- Review and commit code contributions
- Ensure code contributions are properly licensed
- Guide and mentor new committers

Contributor License Agreements

Risk mitigation

**This license is for your
protection as a
contributor as well as the
protection of the
Foundation and its users;**

**it does not change your
rights to use your own
contributions for any
other purpose.**



COMMUNITY! COMMUNITY! COMMUNITY!

Interest Groups!

...because we don't all come this from the
same perspective

- [Preservation](#)
- [GIS](#)
- [Archival](#)
- [IR](#)
- [DevOps](#)

- [Metadata](#)
- [User Interface](#)
- [Documentation](#)
- [Fedora 4](#)

Community Release

40+ modules, we got this!

	A	B	C	D	E	F	G	H	I	J	K
1	Module/Library	Component manager	Testers	Testing Status	Documentation	Documentation Status	Auditor - License	Auditor - README	README audit	License audit	
2	Islandora	Nick Ruest	Jared Whiklo	Done	DIG	To Do	Melissa Anez	Melissa Anez	Done	Done	
3	Tuque	William Panting	Jared Whiklo	Done	DIG	To Do	Melissa Anez	Melissa Anez	Done	Done	
4											
5	Solution Pack Audio	Rosie Le Faive	Devin Higgins	In Progress	Ryan Edge	In Progress	Matthew Miguez	Matthew Miguez	Done	Done	
6	Solution Pack Basic Image	Nick Ruest	Melissa Anez	Done	Jennifer Eustis	To Do	Melissa Anez	Melissa Anez	Done	Done	
7	Solution Pack Book	Nick Ruest	Scott Ziegler	Done	Lingling Jiang	To Do	Lingling Jiang	Lingling Jiang	Done	Done	
8	Solution Pack Collection	William Panting	Melissa Anez	Done	Melissa Anez	To Do	Phil Suda	Phil Suda	Done	Done	
9	Solution Pack Compound	Jared Whiklo	Kelli Babcock	To Do	Kelli Babcock	To Do	Kelli Babcock	Kelli Babcock	Done	Done	
10	Solution Pack Disk Image	Nick Ruest	Zach Vowell	Done	Melissa Anez	To Do	Melissa Anez	Melissa Anez	Done	Done	
11	Solution Pack Entities	Rosie Le Faive	Zach Vowell	Done	Zach Vowell	To Do	Scott Ziegler	Scott Ziegler	Done	Done	
12	Solution Pack Large Image	Nick Ruest	Brian Harrington	To Do	Brian Harrington	To Do	Brian Harrington	Brian Harrington	Done	Done	
13	Solution Pack Newspaper	Jared Whiklo	Zach Vowell	Done	Alex Kent	To Do	Janice Banser	Janice Banser	Done	Done	
14	Solution Pack PDF	Rosie Le Faive	Kelsey Williamson	In Progress	Alex Kent	To Do	Matthew Miguez	Matthew Miguez	Done	Done	
15	Solution Pack Video	Nick Ruest	Devin Higgins	In Progress	Ryan Edge	In Progress	Lingling Jiang	Lingling Jiang	Done	Done	
16	Solution Pack Web ARChive	Nick Ruest	Zach Vowell	In Progress	DIG	To Do	Scott Ziegler	Scott Ziegler	Done	Done	
17											
18	Islandora Altmetrics	William Panting	Caleb Derven	Done	Caleb Derven	To Do	Caleb Derven	Caleb Derven	Done	Done	
19	Islandora BagIt	Mark Jordan	Brad Spry	Done	Matthew Miguez	To Do	Matthew Miguez	Matthew Miguez	Done	Done	
20	Islandora Batch	Jared Whiklo	Brian Harrington	To Do	Brian Harrington	To Do	Brian Harrington	Brian Harrington	Done	Done	
21	Islandora Book Batch	Jared Whiklo	Brian Harrington	To Do	Brian Harrington	To Do	Brian Harrington	Brian Harrington	Done	Done	
22	Islandora Bookmark	Jordan Dukart	Melissa Anez	In Progress	Alex Kent	To Do	Scott Ziegler	Scott Ziegler	Done	Done	
23	Islandora Checksum	Nick Ruest	Brad Spry	Done	Alex Kent	To Do	Jared Whiklo	Jared Whiklo	Done	Done	
24	Islandora Checksum Checker	Mark Jordan	Brad Spry	Done	Alex Kent	To Do	Jared Whiklo	Jared Whiklo	Done	Done	
25	Islandora FITS	Nick Ruest	Brad Spry	Done	Matthew Miguez	To Do	Matthew Miguez	Matthew Miguez	Done	Done	
26	Islandora Internet Archive Book Viewer	Nick Ruest	Logan Cox	In Progress	DIG	To Do	Linda Richter	Linda Richter	Done	Done	
27	Islandora Importer	Adam Vessey	Joanna DiPasquale	Done	Joanna DiPasquale	In Progress	Linda Richter	Linda Richter	Done	Done	
28	Islandora JWPlayer	Jordan Dukart	Ryan Townshend	To Do	Dan Aitken	To Do	Will Panting	Will Panting	Done	Done	
29	Islandora MARCXML	Nick Ruest	Brad Spry	Done	Robin Dean	To Do	Melissa Anez	Melissa Anez	Done	Done	
30	Islandora Newspaper Batch	Mark Jordan	Marcus Barnes	To Do	Robin Dean	To Do	Linda Richter	Linda Richter	Done	Done	
31	Islandora OAJ	Jordan Dukart	Mark Cooper	To Do	Mark Cooper	To Do	Mark Cooper	Mark Cooper	Done	Done	
32	Islandora OCR	Nick Ruest	Brian Harrington	To Do	Brian Harrington	To Do	Brian Harrington	Brian Harrington	Done	Done	
33	Islandora Openseadragon	Nick Ruest	Jared Whiklo	Done	DIG	To Do	Jared Whiklo	Jared Whiklo	Done	Done	
34	Islandora Pathauto	Rosie Le Faive	Scott Ziegler	Done	Janice Banser	To Do	Scott Ziegler	Scott Ziegler	Done	Done	
35	Islandora Paged Content	Jared Whiklo	Kelli Babcock	To Do	Kelli Babcock	To Do	Kelli Babcock	Kelli Babcock	Done	Done	
36	Islandora PDF.js	Nelson Hart	Lingling Jiang	Done	Lingling Jiang	To Do	Lingling Jiang	Lingling Jiang	Done	Done	

Community Sprints!

get stuff done! form bonds, mentorship, a sense of accomplishment, stronger code base, stronger & more sustainable community

Issues: 30 Day Summary



Issues: **46** created and **58** resolved

Features & Maintenance

Accountability, and sustainability

**...a common path to
trustworthiness**

Thanks!
**Questions, comments,
discussion?**

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