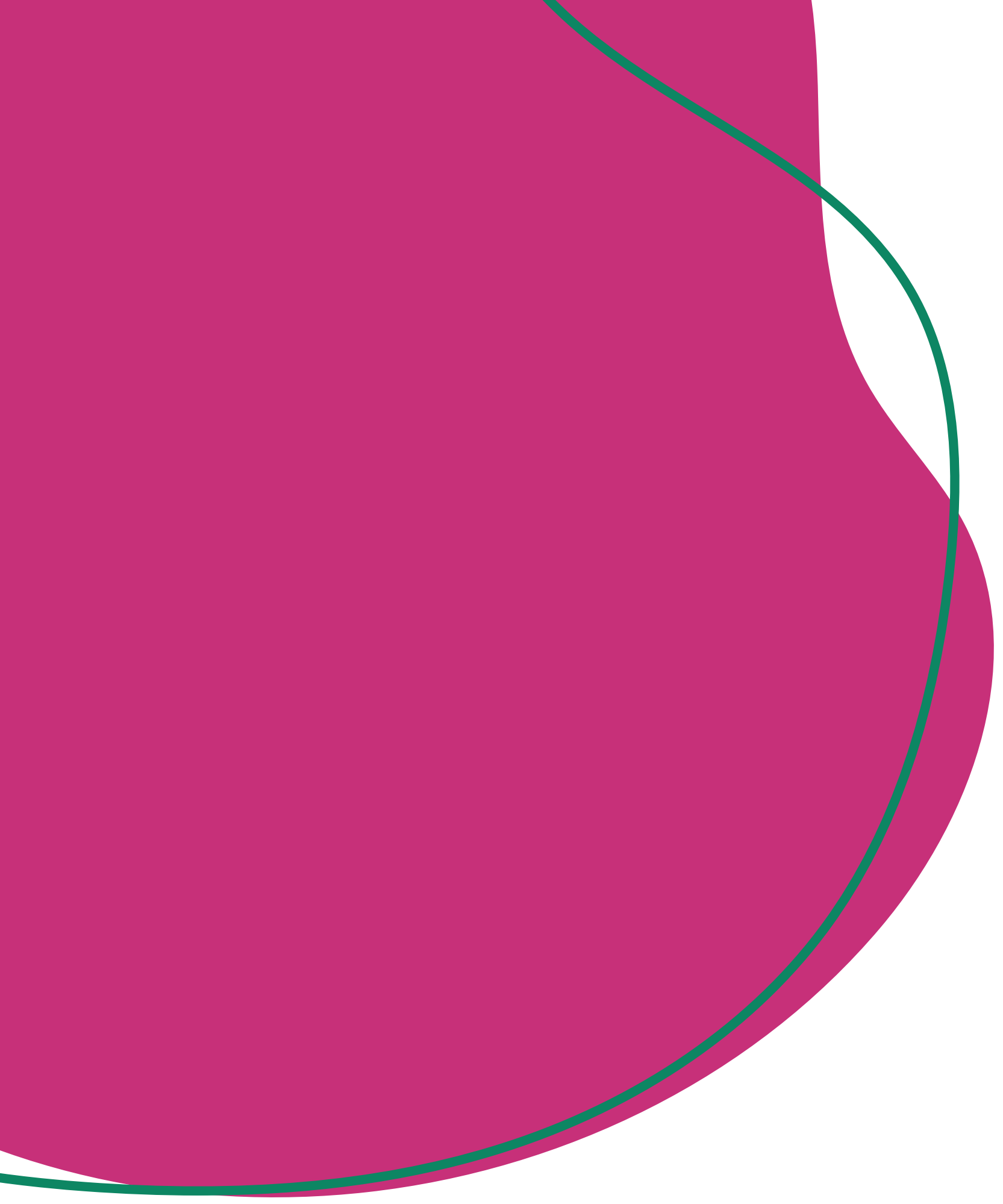




END OF YEAR HIGHLIGHTS

2022





CONTENTS

WELCOME FROM THE OPEN PRESERVATION FOUNDATION

Reflections on 2022

The Open Preservation Foundation was founded in 2010 to maintain an open and sustainable approach to advancing digital preservation. We aim to deliver a programme of knowledge-sharing initiatives, participate in projects, and provide a sustainable home for digital preservation tools and resources. 2022 has been a lively time of extensive growth and change for The Foundation. We are pleased that the work we do today is still guided by the principles on which we were established.

This year has seen increased enthusiasm from our hybrid community for both virtual and in-person events. The diversity of thought and the generosity of our Digital Preservation community is evident through those who have contributed to our work this past year. This report highlights some of our milestones for 2022, from establishing best practices to ensuring support for the community tools. We have seen growth in popular webinars, movement amongst our interest groups, increased workshop attendance and blog uploads as we continue

to cultivate knowledge-sharing platforms for a community at the forefront of digital preservation.

At OPF, we have always aimed to be innovators in international connectivity. An endeavour to address one of the biggest international issues of recent years has shown the value of a hybrid community both inside and outside of our workplaces. The difficulties our community has faced over the past year have also created chances for us to band together as we start to move back towards normality.

During 2023, we hope to build on what we accomplished in 2022. Thanks to the resurgence of in-person networking possibilities after the epidemic, The Foundation has advanced its tactics and capabilities. With an established team and a better capacity for active listening, we are here to act on your discussions and suggestions, build stronger relationships, and look forward to furthering our goals of open, sustainable digital preservation.

- 2 WELCOME
- 3 PEOPLE & GOVERNANCE
- 5 MEMBERSHIP
- 7 OPF ADVISORY GROUP (OAG) + ANNUAL GENERAL MEETING (AGM)
- 9 PROJECTS & PARTNERSHIPS
- 11 TECHNOLOGY
- 12 RELEASE HIGHLIGHTS
- 13 SPECIAL INTEREST GROUPS
- 15 KNOWLEDGE SHARING & OUTREACH
- 17 BECOME A MEMBER OF THE OPF
- 18 WHATS NEXT FOR OPF?
- 19 STAY IN TOUCH



PEOPLE & GOVERNANCE

From our staff and board to our members and the community, OPF is powered by its people.



Julie Allen
Executive Director



Carl Wilson
Technical Lead



Darren Dignam
Systems Administrator



Helena Watson
Marketing Officer



Georgia Moppett
Community Officer



Lana Emerson
Office Manager

Our team has seen multiple changes this year. We've had to say goodbye to Becky Wilson and Charlotte Armstrong. Becky had been with the OPF from the very beginning and her wealth of knowledge and experience will be sorely missed.

Since her appointment last year, Executive Director Julie Allen has spent her time guiding the organisation. Importantly, Julie has overseen the recruitment of new staff to address Becky's departure. Helena is our Marketing Officer and is responsible for

developing our brand and leading external campaigns across OPFs channels and platforms. Georgia supports our members and the OPF community by facilitating engagement through events and initiatives. Their appointments reflect an important step forward in expanding the OPFs community and outreach.

Having bid farewell to Charlotte Armstrong last quarter, we have also been actively seeking a replacement for her. Happily, Georgia will move to a full time role in February 2023 and take over most of her tasks. Lana Emerson of L.E Accountancy Ltd. was appointed as an independent contractor for our accounts and office management.

"The Board provides governance to the OPF on behalf of you, our members, helping set the organisation's agenda, strategy, and focus to ensure it is delivering on topics and technology important and of relevance to all. Being part of the Board is a rewarding way to personally contribute to the success of The Foundation and, by extension, the success of every member." Peter May, British Library.

In 2022, the Board of Directors have provided invaluable support to the OPF team and have played an active role in recruitment. There have even been changes within the Board, with David Clipsham's retirement from the role, and Anna de Sousa joining in his stead from the National Archives. This year, we have introduced "Board Buddies"; a scheme that partners staff with board members, and helps them connect and communicate as a team.

The Board are always looking for volunteers, so if you have an interest in helping them shape the direction of The Foundation, please reach out to get a better understanding of what's involved in the role.

BOARD OF DIRECTORS

Representatives from our members make up our Board of Directors, who lead The Foundation and set priorities.



Anna De Sousa
The National Archives,
UK



Jeffrey van der Hoeven
Koninklijke Bibliotheek



Max Kaiser
Österreichische
Nationalbibliothek



Micky Lindlar
TIB – Leibniz Information
Centre for Science and
Technology



Paul Stokes
Jisc



Peter May
The British Library



Remco van Veenendaal
Nationaal Archief



Yannick Grandcolas
Bibliothèque nationale
de France

MEMBERSHIP

Our members are libraries, archives, solution providers, government agencies and universities from around the world.



OPF has been delivering tools, knowledge, and events to the digital preservation community for over a decade. Our members provide essential support for the work we do, contributing to the greater good of the digital preservation community in the process.

This report showcases the many exciting initiatives that we are able to deliver because of our members, from developing tools and resources to conducting research and running events.

MEET OUR MEMBERS

- Arcsys Software
- Artefactual Systems - Tech Contributor
- Biblioteca Nacional de Portugal
- Bibliothèque nationale de France
- Bibliotheque nationale de Luxembourg
- British Library
- CSC - IT Centre for Science
- Det Kgl. Bibliotek
- Digitales Archiv Nordrhein-Westfalen
- Dual Lab - Tech Contributor
- Digital Preservation Network of the
- German National Subject Libraries
- Ex Libris
- Harvard Library
- International Atomic Energy Agency
- Jisc
- Kommunalförbundet Sydarkivera
- Koninklijke Bibliotheek
- Meemoo
- Nasjonalbiblioteket
- Nationaal Archief
- Netherlands Institute for Sound and Vision
- Österreichische Nationalbibliothek
- Portico - Tech Contributor
- Poznańskie Centrum Superkomputerowo-Sieciowe - Tech Contributor
- Preservica
- Rahvusarhiiv
- Ravensburger AG
- Riksarkivet
- Rigsarkivet
- The University of North Carolina at Chapel Hill - Tech Contributor.
- The National Archives, UK
- Thieme Compliance
- United Nations High Commissioner for Refugees
- Yale University Library

NEW MEMBERS IN 2022

In July this year we welcomed Ravensburger AG as our newest member. Ravensburger AG is a growing family of international game and toy companies which bring together three global brands – The blue triangle, BRIO, and ThinkFun – and their subsidiaries.



“We are excited to make use of the many different outputs of OPF while supporting future development of tooling widely adopted through the digital preservation community.”

- Ross Spencer, Ravensburger AG.



In March we welcomed meemoo. meemoo is a non-profit organisation that, with help from the Flemish Government, is committed to supporting the digital archive operations of cultural, media and government organisations.

“We join the Open Preservation Foundation to become part of an international community that is active in the field of digital preservation. We would like to share our digital preservation journey with OPF and its members and learn from their knowledge. We consider OPF’s reference toolset an important resource for people, organisations and companies that take care of digital heritage collections.”

- Rony Vissers, Manager at meemoo

OPF ADVISORY GROUP MEETINGS

The OPF Advisory Group is a member-only forum to update you on our work and give you a greater say on the development of our tools, special interest groups, and knowledge-sharing initiatives.

The OPF's technical work used to be overseen by our Product Board. This select group of our members met to approve our development priorities, give feedback on strategic changes and influence the adoption of new tools. However, after a survey conducted by an external consultant to better understand how we have been meeting your expectations, we decided to retire the Product Board. This was to allow for a renewed focus on the development of core OPF products, support Special Interest Groups and the initiation of the OPF Advisory Group to underpin the direction of those tools.

The OAG has enabled us to ensure that our members' needs are well-represented and prioritised. Its interactive approach has opened tool-related discussions to all our members, who comprise representatives from libraries, archives, and software providers. We now have a better understanding of how our tools are used and understood, and clearer expectations of our release schedules and future guidance.

Additionally, the OAG has also established the role of 'Product Champions'. This is a new idea intended to provide a community voice for each tool and Special Interest Group.

They will be able to offer the OPF guidance on prioritisation, new initiatives, meeting frequencies and resolving tricky issues when preparing releases. As could be seen from our experience this past year with the Diversity & Inclusion group, collaborative groups need a member to 'champion the cause', set meeting expectations and push the agenda. OPF staff members and Technical Contributors will facilitate and support these efforts, making sure that all in our community have a voice - be it technical or user.

Our inaugural meeting was held in the Jisc offices in London back in June. The most recent meeting of the OAG took place in December at Bibliothèque Nationale de France (BnF) in Paris. In 2023, our third OAG will take place in Finland this coming May. We aim to perfect our hybrid model and host more tool-focused discussions that are open and accessible to everyone. You have told us that you want to hear more from members and we are working hard to make that happen.

The [recordings, slides and minutes from our last OAG](#) are available on our website (member login required).

JUNE MEETING

29 June 2022, JISC, London

The first meeting of the OPF Advisory Group (OAG).

DECEMBER MEETING

07 December 2022, Bibliothèque nationale de France (BnF)

The second meeting of the OPF Advisory Group (OAG).

MAY MEETING

23 May 2023, CSC IT Solutions, Finland

The third meeting of the OPF Advisory Group (OAG).

2022 AGM

In August, we met virtually with our members for our formal Annual General Meeting. Our work and overall performance during the past fiscal year was reviewed. We elected a new board member, a new accountant, and offered the opportunity for feedback to provide strategic development for The Foundation.

We hope to be able to catch up with our friends and colleagues in person for the next AGM, in Finland on the 24th and 25th of May 2023. Please note that this will be a dual event with the next OAG on the 23th .

The [recordings, slides and minutes from our last AGM](#) are available on our website (member login required).

PROJECTS & PARTNERSHIPS

We engage in projects and partnerships that align with our members' priorities and bring benefit to the digital preservation community.

PRESERVATION ACTION REGISTRIES

The Preservation Action Registries (PAR) project aims to enable reproducible digital preservation best practices to be shared between organisations.



The Preservation Action Registries (PAR) project works to enable the automated and reproducible exchange of best practices for the digital preservation community. The 1.1 release of the PAR API in September improved compatibility with the Wikidata file format model. A new version of the Wikidata for Digital Preservation PAR endpoint with full support for the format data model was also released at the same time. OPF held a PAR road mapping event in November to listen to feedback from the digital preservation community. A development plan will be available early in the new year.

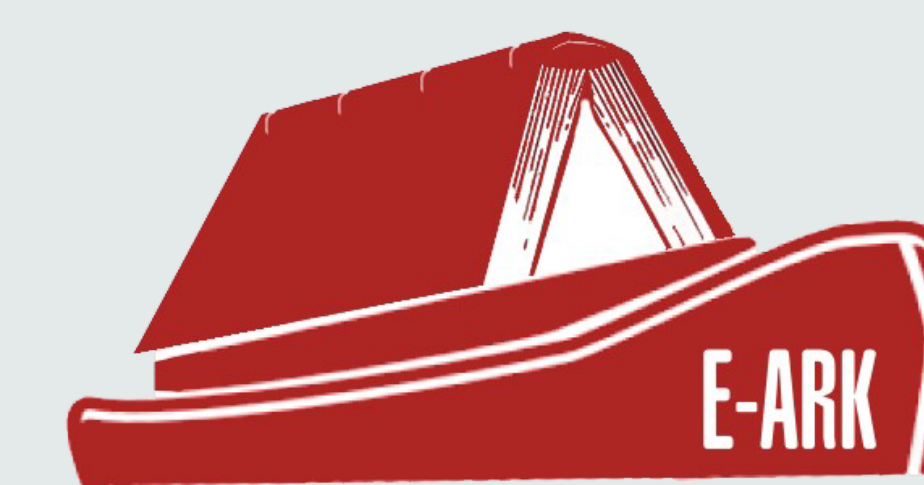
WIKIDATA FOR DIGITAL PRESERVATION

The WikiData for Digital Preservation (WikiDP) initiative, led by Yale University, continues its work to help the digital preservation community to access and edit technical data help in Wikidata.

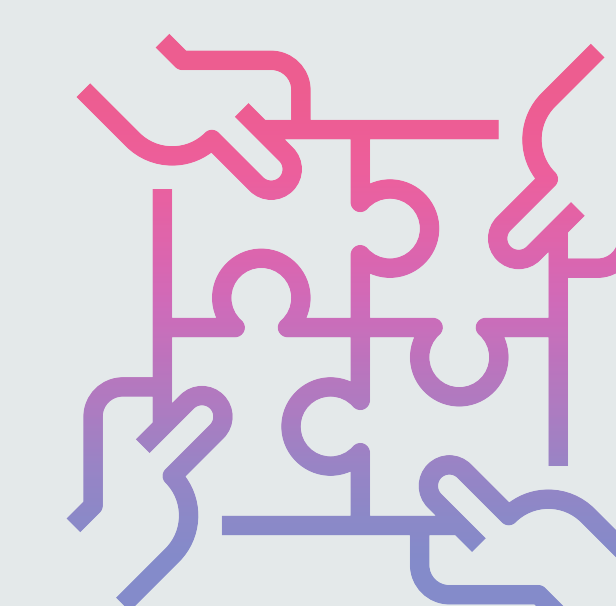
OPF provides advice and some development effort to the WikiDP team. The release of an improved PAR endpoint for Wikidata file format information was the main activity in 2022. We will be working to expand the coverage of the endpoint to include preservation tools in 2023.



E-ARK 3



E-ARK3 The next phase of eArchiving work is just getting underway. OPF is a part of the eArchiving Common Services Platform (CSP) consortium who've just commenced a two year program of work for the European Commission. The OPF staff will be working on validation software for the eArchiving specifications as well as the communications and outreach activities. We are looking forward to our E-ARK partners again in 2023.

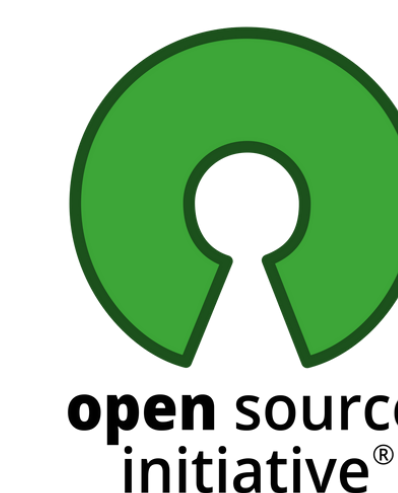


VIRTUAL RESEARCH ENVIRONMENT

We have worked with the Dutch Digital Heritage Network to enhance the VRE, prioritising development together in response to feedback. The DDHN held a VRE training workshop in November where they could also listen to users first-hand. A soft launch of v1.1 included an upgrade of Debian 11, the addition of the MediaConch tool as well as updates to the established tools. The DDHN also published a video and online guide this year available at <https://nde.nl/vre>. We're looking forward to a fully branded product release early in 2023.

OUR PARTNERS

Our partnerships with like-minded organisations provide a mechanism for sharing expertise and aligning effort for the benefit of the whole community.



[Learn more about our projects and partnerships.](#)

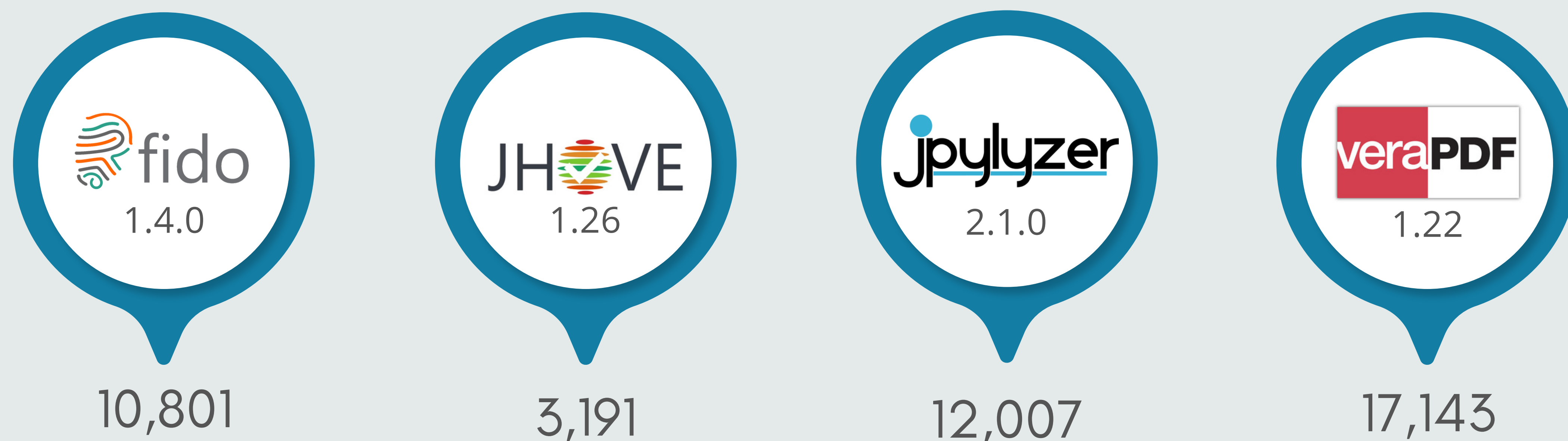
TECHNOLOGY

We maintain a portfolio of open source products that are widely used by organisations engaged in digital preservation activities.

Each product in our [reference toolset](#) is made available under an open source licence to ensure that it can be adopted by anyone who needs it, whether as part of a bespoke digital preservation workflow or embedded in proprietary systems.

With over a decade of experience developing and maintaining open source software, we champion an open source approach to help users better understand software and adapt it to their requirements. We are also able to better support the long-term sustainability of open source products by focussing effort and resources around development and testing.

2022 PRODUCT DOWNLOADS



RELEASE HIGHLIGHTS

Version 1.20 of veraPDF was released in January. This provided coverage of the new PDF/A-4 standard, including Level F (attachments) and Level E (engineering), as well as Java 11 and 16 support. A 1.22 release in September added new reporting formats and Java 17 support.

JHOVE v1.26 was made available in July, comprising community contributions and Java 11 support. The JHOVE 1.28 release candidate will be available for the end of 2022 with the release planned for January 2023.

October saw the release of Jpylyzer v2.1 which was primarily a maintenance release. A FIDO v1.6 release candidate has been available since August with the full release been made in December.



SPECIAL INTEREST GROUPS

We facilitate opportunities for discussion and practical collaboration on issues that are important to our members.



INTERNATIONAL COMPARISON OF RECOMMENDED FILE FORMATS (ICRFF)

The [International Comparison of Recommended File Formats \(ICRFF\) Working Group](#) is an offspring of the AIG. The comparison was originally created by Aadi Kaljuvee at the National Archives of Estonia, this resource was further developed by former AIG member Asbjørn Skødt of the Danish National Archives when carrying out file format assessments. The group has already published an [overview of recommended file formats of various organisations](#), which has recently undergone its bi-annual update and has updates from 28 institutions worldwide.

ARCHIVES INTEREST GROUP (AIG)

In June 2022, our Archives Interest Group (AIG) came to an end! The group was established in 2016 and collaborated on practical preservation issues that our members face in their day-to-day work. All participating organisations identified the preservation of spreadsheets as a top priority. The explorations and successes of this self-titled 'inspiration group' are celebrated in [this address](#) by its chair, [NANETH's](#) Remco van Veenendaal. The group dissolved to allow the involved organisations to turn their attention to new challenges.

Notably, the AIG produced their [report on significant properties of spreadsheets](#) which was presented at iPRES in 2021. After receiving feedback, an updated version has been prepared. It will be used to test a new OPF publication review procedure which gives OPF members the opportunity to review OPF publications first.

DIGITAL PRESERVATION DIVERSITY AND INCLUSION WORKING GROUP

The OPF joined with the Dutch Digital Heritage Network and established the Digital Preservation Diversity and Inclusion working group in 2020 in recognition that the industry is far from ideal in acting and progressing in diversity, equality, and inclusion. However, in 2022 we grew hesitant to fall into the pattern that plagues many sectors; inadvertently prioritising discussions on inclusion and representation, rather than taking action.

Our Executive Director, Julie Allen recognises that, "It is crucial to understand our contextual position and relevance in wider engagements, and hold ourselves accountable to make a difference culturally and technologically for generations to come."

As such, this year we decided to dissolve the DPDI working group. Instead, we are eager to continue this work in other forms. At the OPF, we have reviewed our contributor diversity at events, set up the scheme to pay for webinar contributions for smaller archives and charitable organisations, adopted more inclusive hiring practices to increase the gender balance across our team, and taken steps to diversify our board of directors. Going forward, we would like to host focused discussions and facilitate small-scale projects with our members. Our blog post, ['Diversity, Equality and Inclusion'](#) at OPF explores this decision in more detail.

We encourage anyone interested in starting a new working group or interest group to get in touch. We will do all we can to support you as members to make the most out of this community and work together to address your digital preservation challenges. There is a current opportunity to address these challenges in our member blog ['Harmony in the field of Digital Preservation'](#), so please partake in that survey and allow us to help facilitate your ideas. We will always be happy to do so.



KNOWLEDGE SHARING & OUTREACH

Advancing and sharing digital preservation knowledge is a key component of our mission.

WEBINARS

Our webinar series showcases the work of expert speakers from across the digital preservation community.

During 2022, we welcomed over 30 speakers from eleven countries to share their work on a range of topics, from tool development to risky PDFs and collaborating across time zones. Again, we have seen record audience numbers at our webinars over the past twelve months.

In March we held our first virtual panel 'Preservation of digitised and born-digital collections: interconnections, policies and workflows' held in collaboration with IMPACT and IIPC. Speakers Jeffrey van der Hoeven (National Library of the Netherlands), Dr Emmanuelle Bermès (National Library of France), and Michael Day (British Library) shared insights from their institutions. It attracted 412 participants, which is our most popular webinar to date.

2022 also saw the establishment of 'The Experimental Kitchen', a demonstrative webinar series which gave our members the opportunity to present their work. Members jumped at the opportunity to share their work in a safe, collaborative space which delivered great questions and insights.



In 2023 we are hoping to have a more inclusive and varied mix of presenters. Our members receive priority registration and access to speaker slots, as well as exclusive use of our extensive [archive of recordings](#).

We encourage everyone to participate in the OPF webinar series and present their work. Anyone is welcome to do so or post on our community blog, even if they are not an OPF member. Sharing your work with us is a great way to expand your network, exchange ideas and best practices, and get valuable feedback from a friendly community of like-minded colleagues.



12
WEBINARS



34
SPEAKERS



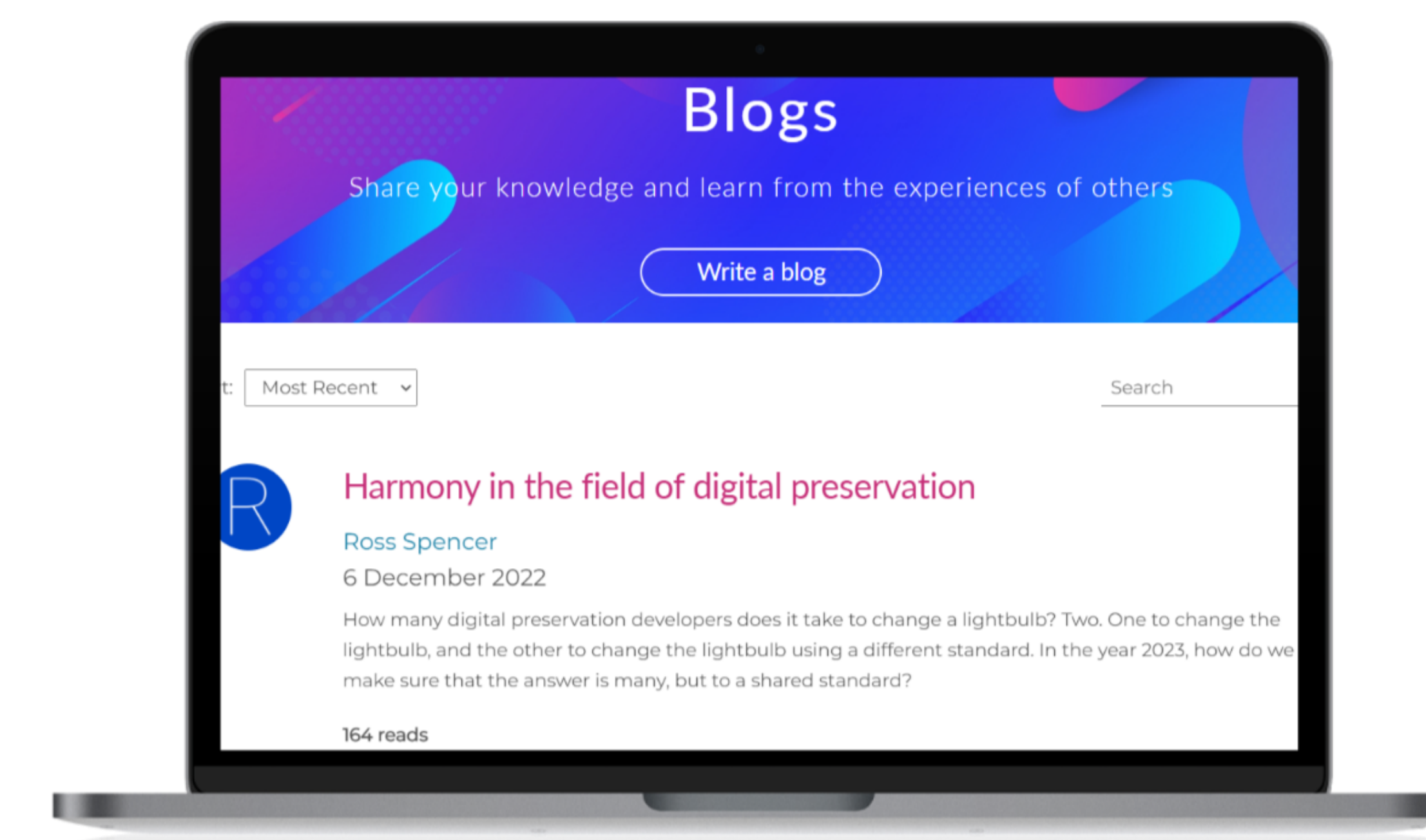
1660
ATTENDEES



BLOGS

Did you know the OPF community blog has nearly 500 posts? Our blog captures digital preservation knowledge and experiences from software experiments to event reports to discussions on formats, policies and collaboration.

Thank you to all of our authors in 2022!



JOIN THE CONVERSATION

Anyone is welcome to post on our community blog! You can publish a blog post via our website or you can email it to us at info@openpreservation.org.



BECOME A MEMBER OF THE OPF?

As a not-for-profit organisation, we rely on membership fees to develop our open source tools and related materials.

Gold >£50m*	Silver £10m – £50m*	Bronze < £10m*
£10,000 per year	£5,000 per year	£2,500 per year

* Recommended level of membership based on your organisation's annual operating budget.

As a member, you'll have access to a variety of benefits, such as helpful guidance and support, the chance to work and learn collaboratively with a network of international colleagues, and opportunities to influence product roadmaps and shape the direction of The Foundation.

But OPF membership is about more than this: it's an opportunity to commit to the future of preservation by supporting open software and standards for the benefit of the international community.

Organisations of all types and sizes can become an OPF member and support our work. We offer different membership options, each one providing varying levels of support and opportunities to get involved.

Our technical contributor members help support our work, providing time and resources instead of paying full membership fees. This can be providing development efforts for our reference toolset, supporting our product board, or delivering OPF webinars and workshops on open source tools that are used by our members.



WHAT'S NEXT FOR OPF?

A message from OPF's Executive Director, Julie Allen.

Like other organisations around the world, this past year the OPF has had to adapt to the challenges and changes it has faced. As a membership organisation, the OPF has been fortunate to have remained stable in a period of global instability. This is both a clear testament to OPF's strong position as a neutral and trustworthy body, and a reflection of the commitment of its members to the future of digital preservation.

Whilst a technology-oriented company, it is the people involved in the Foundation that are at its heart, and we aim to continuously support. Our members empower us to produce tools that address common problems along with supporting resources and initiatives to ensure they are open and sustainable for all users.

In 2022, the OPF team has worked tirelessly to continue delivering benefits for the digital preservation community, building on existing initiatives, enhancing partnerships and projects, and identifying opportunities for the growth of the Foundation.

Following another year of transition and team changes for the OPF, we look forward to setting out a new strategy that will enable us to meet the changing needs of our members in the years ahead. As we build for the future, we must also increase and diversify OPF's membership base to capture all of those needs and ensure the sustainability of our work. I encourage members and the wider community to reach out to us to share their thoughts and ideas.

I look forward to embarking on this journey alongside the OPF staff, the Board of Directors, and the wider membership.



Julie Allen, Executive Director

STAY IN TOUCH

Keep up to date with our latest news, software releases, events and other initiatives in 2023 and beyond.

WEBSITE & SOCIAL MEDIA

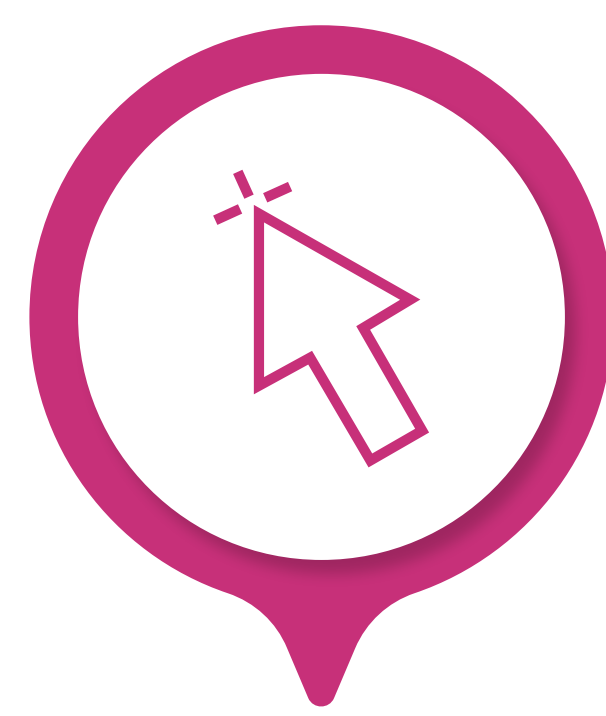
Visit the [OPF website](#) to learn more about what we are working on and to explore our resources. You can find everything you need to know about our upcoming events and activities. Follow us on [twitter](#) for our latest announcements, job posts and project updates and more and to get involved in special campaigns such as our #BlogOfTheWeek and #OPPFestiveCountdown. You can also find us on [GitHub](#) and [LinkedIn](#).

NEWSLETTERS & MAILING LIST

We maintain an active community mailing list and our newsletters bring you all of the latest information about our work, including new members, software releases, webinars, and community activities. [Subscribe to our mailing list](#) to receive your seasonal update from the OPF team!



1,156 MEMBERS



100,077 VISITS



3,992 SUBSCRIBERS



2,877 FOLLOWERS



+44 (0) 113 526 6467



openpreservation.org



openpreservation.org/subscribe



linkedin.com/company/1315205



twitter.com/openpreserve



github.com/openpreserve