



# Software Heritage

## </> Newsletter </>

Issue #3, November 2nd, 2020



### Building the community

*The real antidote [to an epidemic] is scientific knowledge and global cooperation.*

- Yuval Noah Harari

At Software Heritage, we embarked into a long term mission to build an open, shared, non profit, multistakeholder infrastructure that will help us face future crisis by collecting, preserving, and making readily accessible in [the Software Heritage Archive](#) the source code of all the software that is publicly available. We know that this is a humbling undertaking, and we will only succeed with the help of a broad community.

The news reported in this edition of the newsletter are a great opportunity to discover how this community is growing and starting to contribute to this global mission. The [rescue phase of 250.000 endangered Mercurial repositories on Bitbucket is now complete](#), thanks to the great work of Octobus, funded by NLNet. A [research position is now open to conduct replication studies](#) on the software corpus contained in the archive, funded by Microsoft research. A key report from the EOSC has been [made available for public comment until November 10](#): it provides a blueprint for an architecture of collaborating scholarly infrastructures in support of software source code in research. Last but not least, we are delighted to announce [the first subgrant, funded by the Alfred P. Sloan foundation](#), awarded to Cottagelabs, and we look forward to [more applications from experts that are willing to contribute](#).

You can join this community too: see how to do it in the "You can help!" section below.

Roberto Di Cosmo  
Director, Software Heritage

### SPONSOR NEWS

We are delighted to announce that [Sorbonne Université has joined our growing community](#) as a Gold sponsor in support of the mission of Software Heritage!

## OUR MISSION

We collect and preserve software in source code form, because software embodies our technical and scientific knowledge and humanity cannot afford the risk of losing it. Software is a precious part of our cultural heritage. We curate and make accessible all the software we collect, because only by **sharing** it we can guarantee its preservation in the very long term.

### Collect



### Preserve

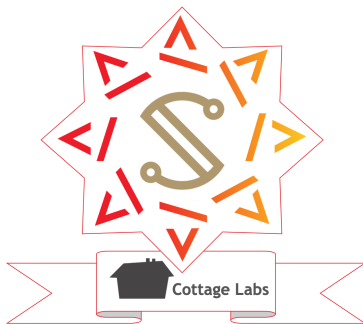


### Share



Software Heritage will provide solid, common foundations to serve the different needs of [heritage preservation](#), [science](#), and [industry](#).

## IT'S NEW!

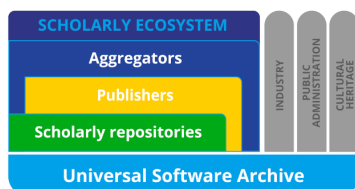


### Connecting scholarly repositories with the Software Heritage archive

Thanks to Sloan Foundation, a first subgrant has been awarded to Cottage Labs to help to increase the coverage of the Software Heritage archive as announced here few months ago.

[Learn more about it...](#)

### Towards an open architecture of scholarly infrastructures for research software



A key report that provides a plan for the future of Scholarly Infrastructures for Research Software (SIRS), has been released for public comment by the EOOSC, an initiative to align the efforts of digital research infrastructures in Europe and is open to public consultation until November 10th.

[Read more about it...](#)



### Post-doc researcher position now open!

We are hiring a postdoctoral researcher on Large-scale Reproducibility and Replicability in Empirical Software Engineering topic.

[Click here for more details and application instructions.](#)




### 250.000 endangered Mercurial repositories rescued!

When the popular Bitbucket code hosting platform decided to discontinue support for the Mercurial version control system, we announced that Software Heritage and Octobus were starting a collaboration to rescue and archive all 250.000 endangered public Mercurial repositories.

Today the rescue phase is now complete.

[Continue reading the article...](#)

## YOU CAN ALSO READ...

 ["Announcing biblatex-software: software citation made easy"](#) (also available as [green open access](#))

 [Assessment report on 'FAIRness of software'](#) from the FAIRsFAIR project.

### Software Heritage in 2019: a progress report

Pursuing our [mission](#) to collect, preserve and share the source code of all software ever written, 2019 was a year of great achievements for Software Heritage.

Today is a good time to talk about what has been accomplished in 2019.

[Read more.](#)

 You can find the previous issues of our newsletter on [the newsletter home page](#), let's spread the word!

## YOU CAN HELP!



The Software Heritage archive will serve the needs of the many, from [cultural institutions](#) to [scientists](#) and [industries](#).

Everyone can help us achieving these ambitious goals and there are several ways to help.



### Become a sponsor

Pursuing our roadmap for the archive requires significant resources. We welcome companies, institutions, and individuals who would like to join our sponsorship program and sustain the Software Heritage.

[Discover our sponsorship program!](#)



### Tackle scientific challenges

Building, maintaining, and exploiting the universal source code archive poses relevant scientific challenges. We welcome scientists who would like to contribute to this mission by participating in our research activities.

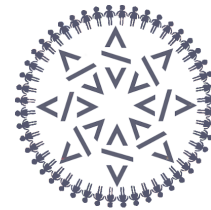
[Join our research community!](#)



### Code with us

All the software we develop ourselves is open source. We welcome contributors that are willing to delve into it and help us building the many components that are needed to make the archive progress towards the next milestones.

[Dive into the code!](#)



### Host a mirror

Institutions and companies from all around the world are welcome to join our mirror program. This is essential to prevent information loss, and will greatly simplify access to humankind's software heritage.

[Contact us to host a mirror!](#)

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Discover the growing number of [institutions, organizations and companies that sponsor Software Heritage](#), and those that express support for the [software preservation mission](#). [Take a look at their testimonials!](#)



Individual [donations](#) are also most welcome, in any amount, just click on the button below to give to the mission.

[Donate](#)

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*Thank you for your attention!*



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