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Zenodo - One year of research software via GitHub integration!

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Session Type (select one)

- ☐ 24x7
- ▨ **Poster**
- ☐ Repository Rant
- ☐ Repository Rave

Abstract

Zenodo, a CERN operated research data repository for the long tail of science, launched a bit over a year ago its GitHub integration, enabling researchers to easily preserve and make their research software citable. Since then, 2000+ research software packages have been shared on Zenodo. This poster will give an overview over the uploaded software packages in terms of programming languages, subjects, number of contributors, countries, etc. We will further explore curation of research software and integration into existing subject specific repositories.

Conference Themes

Select the conference theme(s) your proposal best addresses:

- ☐ Supporting Open Scholarship, Open Science, and Cultural Heritage
  Managing Research (and Open) Data
- ▨ Integrating with External Systems
- ☐ Re-using Repository Content
- ☐ Exploring Metrics and Assessment
- ☐ Managing Rights
- ☐ Developing and Training Staff
- ☐ Building the Perfect Repository

Keywords

Data repository, software, GitHub

Audience

Research software developers, librarians, repository administrators.

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Background

Zenodo launched easy integration with GitHub as the first repository in February 2014. Emphasis was on giving researches credit for not only writing good papers, but also writing good software. Now a year later, upload of research software to Zenodo via the GitHub integration has vastly surpassed upload of research datasets. This integration shows there is a big interest from the community in getting credit for research software, and that researchers are more comfortable sharing their code than their data. The Zenodo-GitHub integration also demonstrates that zero effort integration with the platforms that researchers are already using is critical to gaining momentum.

Presentation content

The poster will present results from a detailed study of the software packages uploaded to Zenodo. More than 2000+ software packages have been uploaded so far. This poster will demonstrate that the interest in software deposition exists from all fields of science, from all over the world. It will further explore if from where these packages are cited. Lessons learned in getting researchers to deposit software can perhaps be transferred to research data in order to increase research data deposition.

Conclusion

Researchers from all fields have a great interest in getting credit for their software, perhaps even more than their dataset. Meeting the researcher in platforms they already use and save them time with super easy integration is as critical as funder mandates to increasing software and data deposition.

References

- ☐ GitHub (2014) Making Your Code Citeable. https://guides.github.com/activities/citable-code/