An OSPO for CERN

OSPO Launch Event - November 28th, 2023

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Open Source

Software and Hardware

- Open Source Software (definition):

  - Uses copyright to permit the 4 freedoms of software (use, study, share, improve).

- Open Source Hardware (definition):

  - Applies to hardware designs adding the freedom to manufacture.

- Academic Training Open Source 2023.

What's an OSPO?

The centre of competency for an organisation's open-source operations and structure

- Promoting and building community engagement benefiting the organisation.
- Advising on Open Source use/distribution/auditing practices.
- Training developers.
- Ensuring legal compliance/"due diligence".

Open Source at CERN

Milestones

- 1953: CERN convention: the dissemination mandate.
- 1970: First CERN Computing and Data Handling School.
- 1983: HEPVM tape distributed freely to more than 30 sites.
- 1984: CERN makes Cernlib "freely available" to other labs.
- 1994: "Licensing the Web" as Open Source.
- 2011: CERN Open Hardware License released.
- 2012: CERN Open Source License Task Force report.
- 2019: MALT project.
- 2022: CERN Open Science Policy.
- 2023: Creation of CERN Open Source Program Office.

CERN OSPO

The entry point to CERN's expertise in Open Source

- Approved by CERN ED on May 30th 2023.
- Part of the Open Science implementation plan.
- Reports to the Open Science Steering Board.
- Opening its doors to the CERN community!