

News from the *Solid* world

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This note is stored in <http://solid.cern.ch> It is event <https://indico.cern.ch/event/1344982/> in this index.

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Solid, standing for SOcial LInked Data, is Sir Tim Berners-Lee's project aiming at giving Web content owners full control on the way their data is used. There is a lot of material in <http://solid.cern.ch> and CERN Academic Training lectures (see list of links below) that explain Solid in detail. Here are some recent news from the project:

The Solid Symposium <https://solid.ti.rw.fau.de/public/2023/solid-symposium/>, earlier this year, was very successful and it led to a collaboration on Solid Data Modules, where developers contribute with enthusiasm: <https://github.com/solid-contrib/data-modules>

Jan Schill and Theo Meyer, who made their MSc theses (free-of-charge) in the CERN-Solid collaboration project, are now working on some ground-breaking development around login, Developer eXperience (DevX) and User eXperience (UX).

Elf Pavlik, Solid collaborator, works on application interoperability (SAI) which will be important for personal data consent management in general.

The Solid protocol elaboration is now being brought to Working Group status at the W3C.

A lot of Solid-related projects are well funded and progressing in the Netherlands and Flanders in Belgium.

Many good presentations by companies like Athumi, Digita, Linckr, Randstad, Doccle, SolidLab and Inrupt were well-received in a big event in October 2023. Especially Digita are doing a lot of successful business integration projects where various companies read and write data in pods hosted by Athumi. Digita worked a lot with us during the CERN-Solid collaboration project.

There are 6 implementations of the Solid specifications today; 3 Open Source ones (NSS, CSS, Solid-Nextcloud/PSS) and 3 Closed Source (Inrupt ESS, Digita Use.id, and GraphMetrix TrinPod), see <https://solidservers.org/#table>

Several projects are working on Open Source implementations in Rust. Through the Dutch Solid community <https://www.solidcommunity.nl/> and European partnership <https://digital-strategy.ec.europa.eu/en/news/simpl-streamlining-cloud-edge-federations-major-eu-data-spaces-updated-october-2023> momentum is ramping up around Open Source enterprise-grade infrastructure components for Solid pod hosting, so that even for the biggest deployments (where Nextcloud or CSS don't suffice), an Open Source solution will be available.

So Solid is moving beyond something that was happening just at MIT or just at Inrupt, there are now many projects, all working on some part of the Solid puzzle!

Further links:

1. The main page <https://solidproject.org/>
2. Events <https://solidproject.org/events>
3. Solid World recordings (contain 3 contributions by the CERN-Solid project) <https://vimeo.com/solidworld>
4. Solid chat https://app.gitter.im/?updated=1.11.30#/room/#solid_chat:gitter.im
5. SolidOs development items <https://github.com/orgs/SolidOS/projects/1/views/3>
6. SolidOs chat https://app.gitter.im/?updated=1.11.30#/room/#solid_solidos:gitter.im
7. The CERN-Solid project (now discontinued) - it contains links to the Solid specifications

and 2 MSc theses done during the CERN pilot and notes from meeting with the community and past events <http://solid.cern.ch>

8. CERN Academic Training on Solid:

- <https://academictraining.cern.ch/lectures/2852405/>
- <https://academictraining.cern.ch/lectures/2852399/>
- <https://academictraining.cern.ch/search/?search=michiel&page=1>