Towards Sovereignty in digital ecosystems with Solid

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Sir Tim Berners-Lee finds three challenges the web needs to overcome

Sir Tim Berners-Lee created the World Wide Web 28 years ago. Since then, the web has evolved into a massive networking platform where users come to connect, work, and learn. However, Berners-Lee believes there are still areas that must be addressed before the web can truly be a platform that benefits all — notably in the area of “fake news.”

“[March 12] marks 28 years since I submitted my original proposal for the world wide web. I imagined the
Solid: Your data, your choice. Advancing Web standards to empower people.
Data sharing between companies, within a company and other actors is the foundation of prosperous data ecosystems and the applications, services and processes which are based on it. With trustful standardized data sharing many processes can be implemented much more efficiently.

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Problems and goals

Problems in digital ecosystems
- Today ecosystems typically not ensure data sovereignty. Typically when you share data you use control over it after giving it away.
- Trustful and legally compliant data sharing is not an easy task

MANDAT Project goals:
- Hardening solid technologies and link/combine it with additional technologies which help us with enterprise use cases.
- Extensions to the solid technology for the enterprise context, especially with data trustees
- Flexible realization of business processes and collaboration scenarios with sensitive data
- Data sovereignty and portability
Use-Case: Credit Assessment for Acme Corporation

Solid supports **Portability, Interoperability** and **Data Residency**

**High degree of automation** through standardization
Vision of the MANDAT Project: Resolve the area of conflicts of missing data sovereignty in innovative data-driven products

Data residency
The data generator decides where the data is stored

Sovereign user control
Data generator has full control of the data and has transparency about the usage

Integration using webstandards
Applications, data and identities are integrated using well established standards

MANDAT provides the foundation for trustful cloud-based data-driven solutions with data sovereignty, portability and interoperability.
Shaping the future. Together.