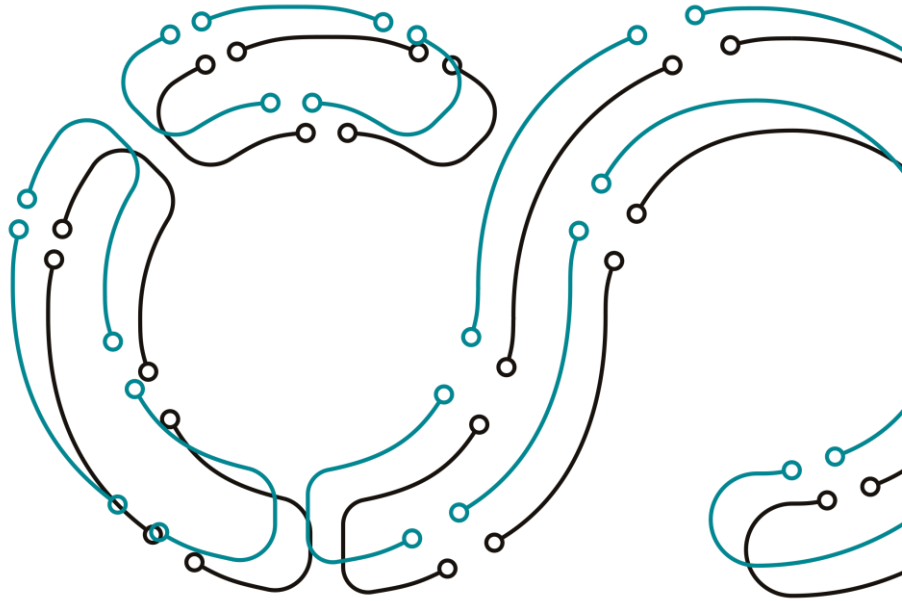
Connecting users, data, and services

EOSC Symposium 2026 / 14-16 October / Florence



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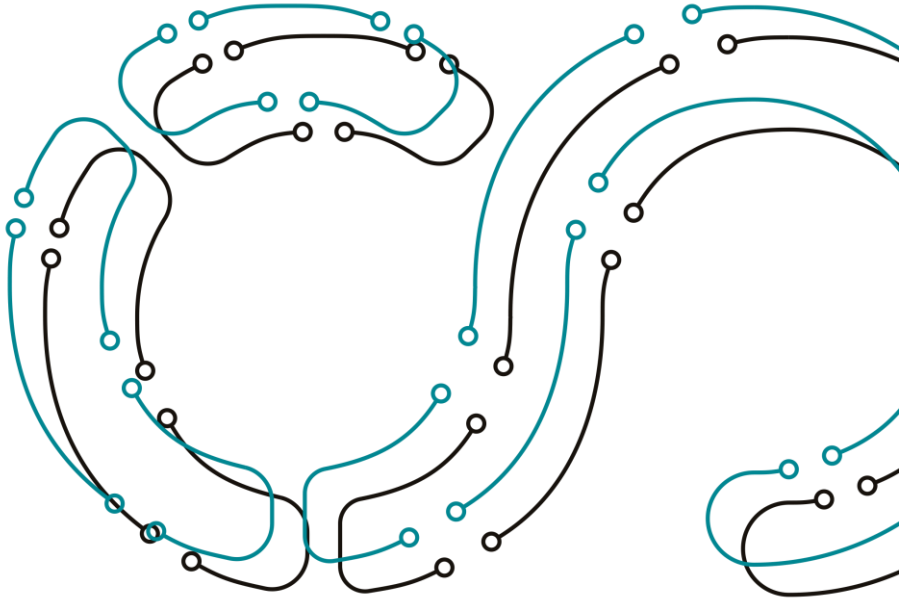
Funded by the European Union

From Hospital Data to the EOSC Federation with SIMPL.

Francisco Rey-Garduño

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Why SIMPL-Open? The gap between vision and reality



The EOSC and EHDS vision

Connect data, services and users across organisations and across countries.



The Gap



A real Public Hospital

Large. Complex.
It must protect its data very carefully.



The question:

*Can we really take the **EC's SIMPL-Open middleware** and make it actually run inside a **Public Hospital**?*

FEDERA Salud: our deployment - current status

SIMPL-Open middleware

Early adopters · since Simpl's first versions

HealthDCAT-AP — health metadata, EHDS-aligned ✓

Governance Authority ✓
Trust · onboarding · credentials

Data Provider node ✓
Connected & secured

Kubernetes — inside the hospital ✓

FEDERA SALUD

In progress — consumer side · full end-to-end data flow · digital contracts as ODRL policies

✓ *green = operational today*

SIMPL-Open Value: for EOSC Federation

1

A bridge

Connects the **EOSC Federation** with real **Health-data Infrastructure** — European services made operational at the data-provider level.

2

Practical knowledge

What it really takes to **connect** a **health provider** to a **Federation** — the things you cannot see from a diagram.

3

Replicable

Our hospital is not a special case. One deployment today can become many — across the **Andalusian Health Service (SAS)**.

SIMPL-Open: Status and Roadmap

DONE

Foundations deployed

Governance Authority · Data Provider · HealthDCAT-AP

NOW

Digital contracts (ODRL)

to unblock secondary-use data access in our region

NEXT

Complete & replicate

end-to-end flow → across the Andalusian Health Service

It is hard — but it is possible.

We have shown it can be done — and we're happy to share what we learned.

*"This work has been executed under the framework of **FEDERA Salud** (TSI-100121-2024-33) has been funded by the Spanish Ministry for Digital Transformation and Public Administration (NextGenerationEU)"*

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