

Sampo-UI Meets Ontop

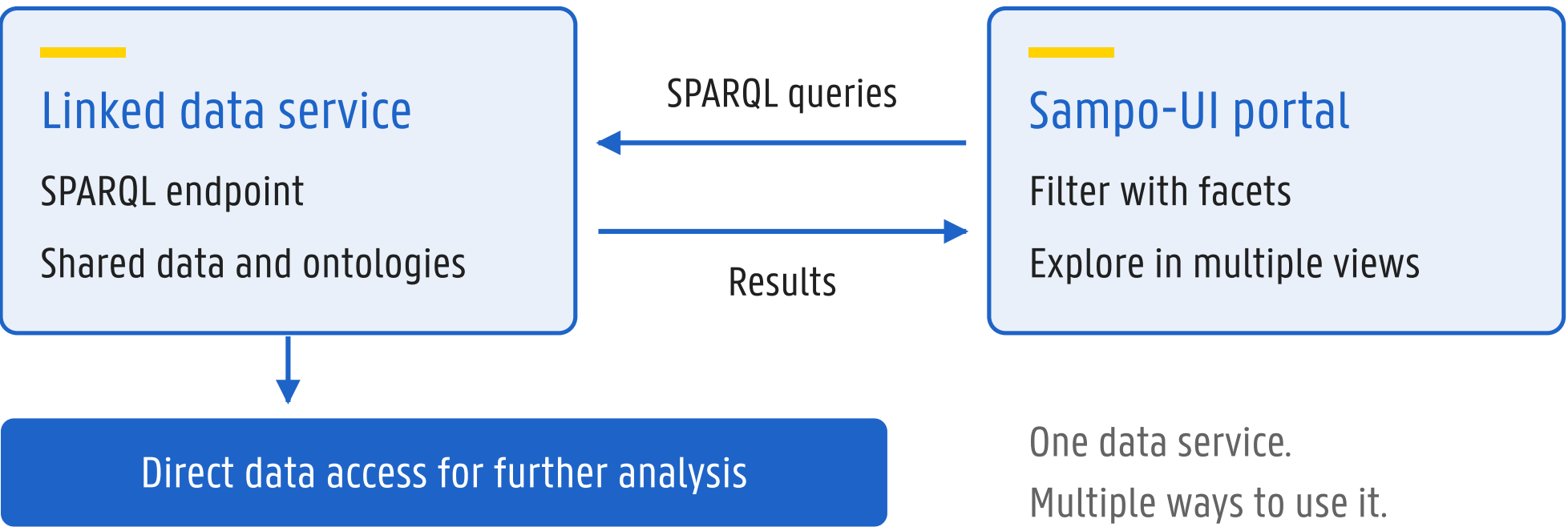
Publishing Relational Digital Humanities Data on the Semantic Web



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Sampo-UI: Explore linked data

An open-source framework for building semantic portals.
Explore research data through configurable faceted search
and integrated maps, timelines, networks and tables.



Reuse the framework. Configure the project.

Sampo model / SeCo, Aalto University and University of Helsinki

seco.cs.aalto.fi/tools/sampo-ui

Sampo-UI updates @ GhentCDH

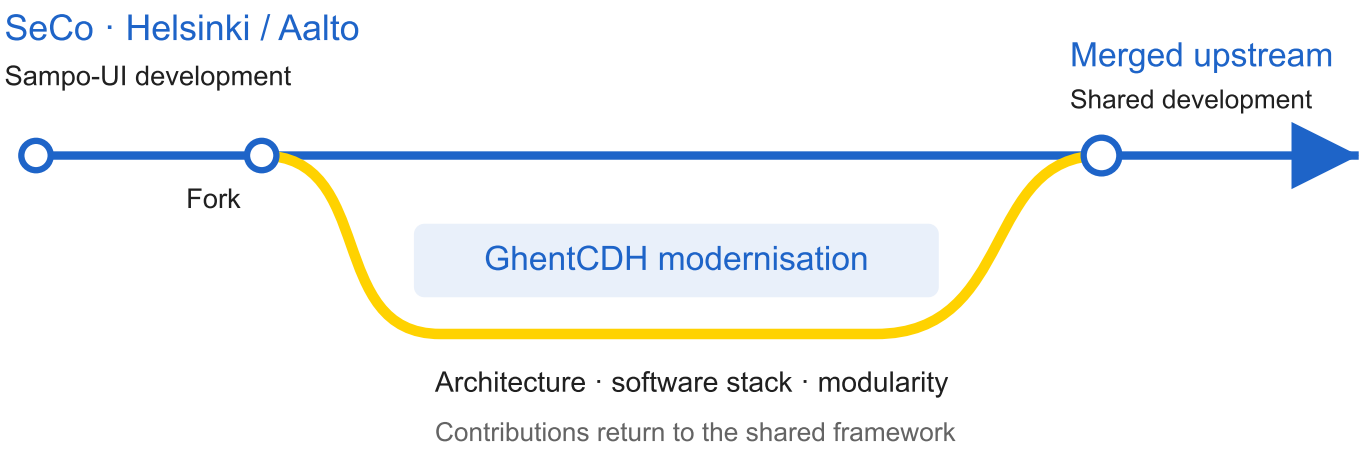
Research portals must outlive project funding. Updates at GhentCDH focus on maintainability and reuse of infrastructure and expertise. Next to a refresh of dependencies and dependency the main changes are:

01 A shared Sampo-UI core

Both demos separate the core from project configuration. They reuse plug-in views and versioned container releases.

02 A virtual knowledge graph

Ontop maps relational databases to RDF and translates SPARQL into SQL. Existing editing tools stay in place.



Two demos, one updated Sampo-UI core. No separate graph database.

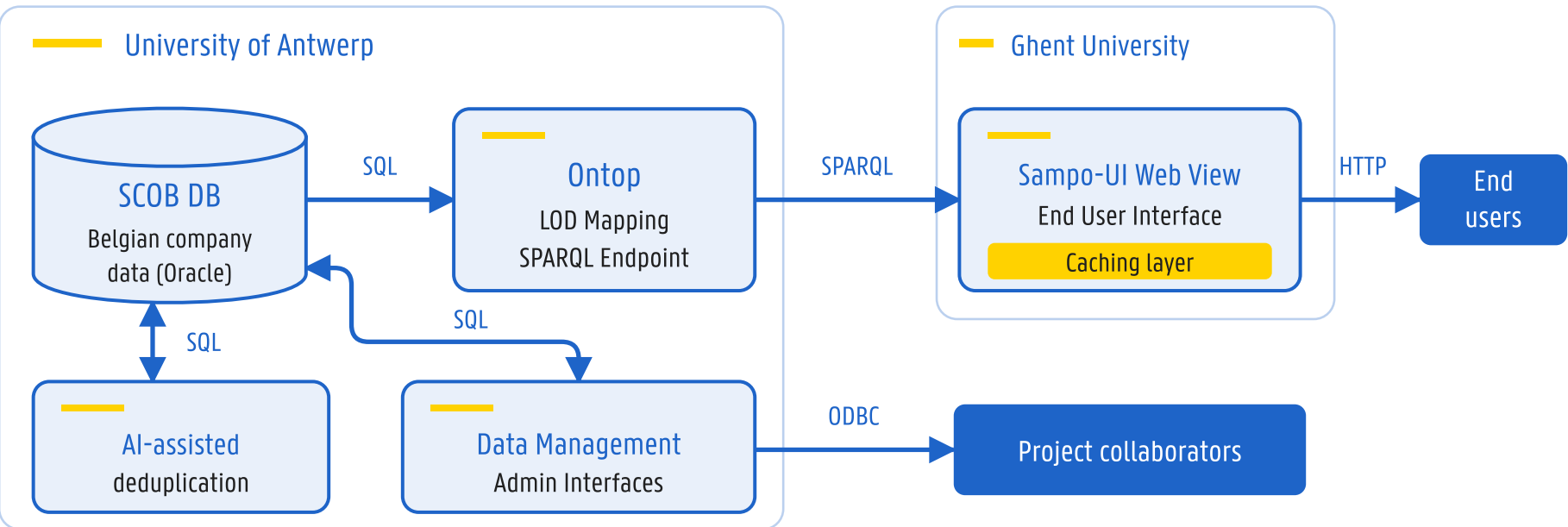
Existing workflows remain in use; shared vocabularies make the published data reusable beyond the portal.

BelHisFirm Belgian corporate history

Company records from the Belgian Official Gazette, since 1873, become linked data through digitization, OCR and record linkage. Ontop exposes the existing Oracle database at Antwerp using EURHISFIRM mappings. A cached Sampo-UI portal runs at Ghent. Researchers retain their management and deduplication tools.

Explore companies by name, legal form, place and date.

Demo: belhisfirm.ugent.be



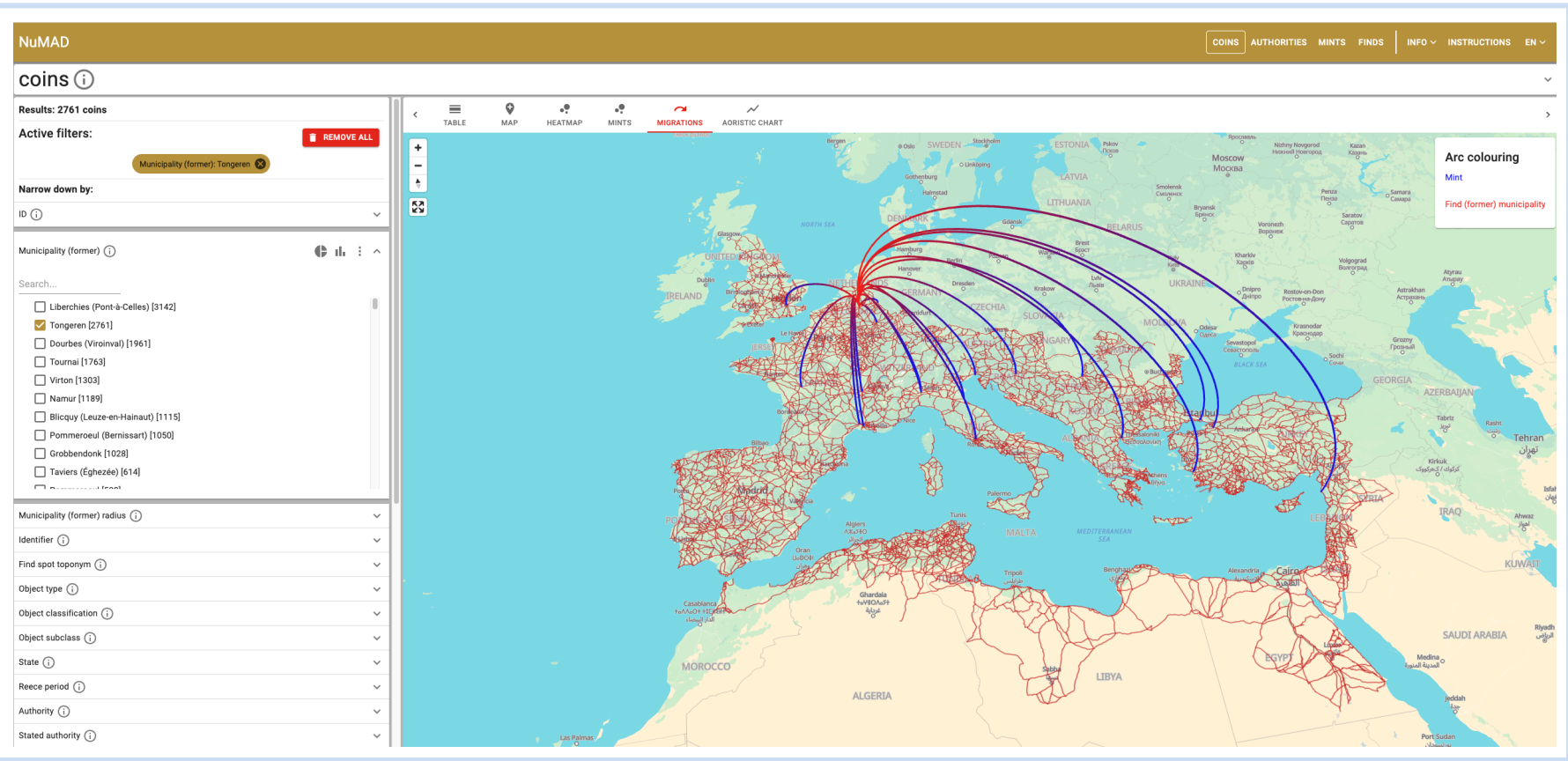
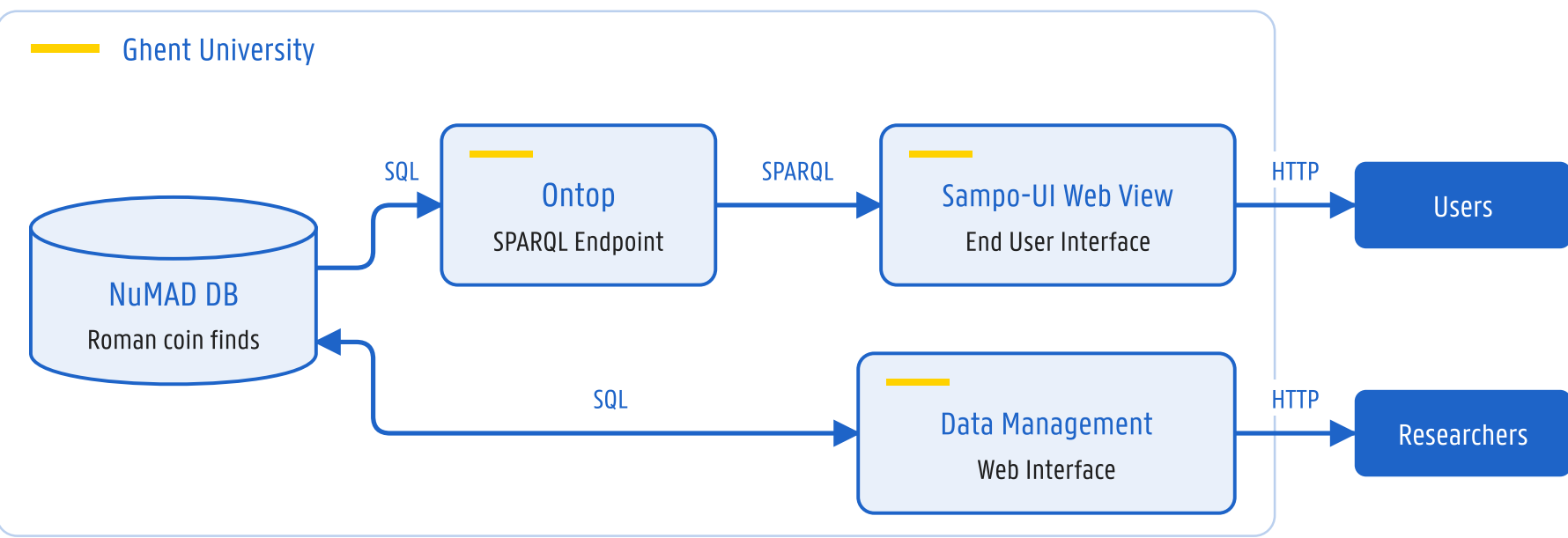
Faceted search with linked corporate records.

NuMAD Roman coin finds in Belgium

KBR and Ghent University bring records from databases, notebooks and archives into a shared PostgreSQL database. Ontop maps the data to the Nomisma ontology. Building on CoinSampo, the portal offers faceted search and map views. A separate web interface supports data entry and correction.

Precise find coordinates are excluded from public access.

Demo: numad.ugent.be



Mints linked to find municipalities. Roman roads provide context, not inferred routes.

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TOOLS & CONTACT

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