



QualityLink

Exchanging Quality Data across European Higher Education

THE CHALLENGES



Diversity

Micro-credentials provide more diversity and choice, but make the education landscape challenging to navigate



Unstructured Data

Basic information on learning opportunities is available, but often not as structured and open data



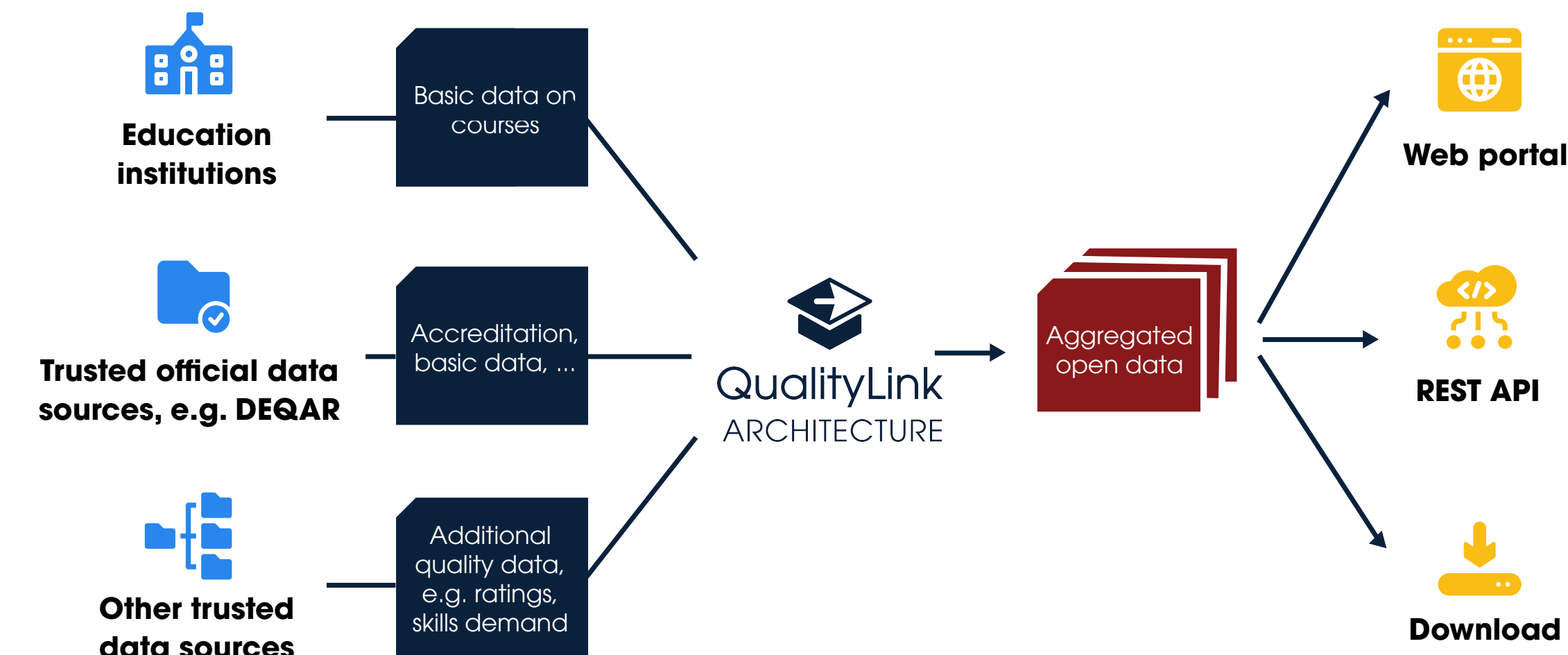
Locked Data

Other quality data – e.g. ratings, recognition history, certifications, quality labels, ... – is rarely published using open standards

THE VISION

Our aim

An interoperable ecosystem in which data from trusted sources is aggregated into an open dataset that can be freely used and re-used

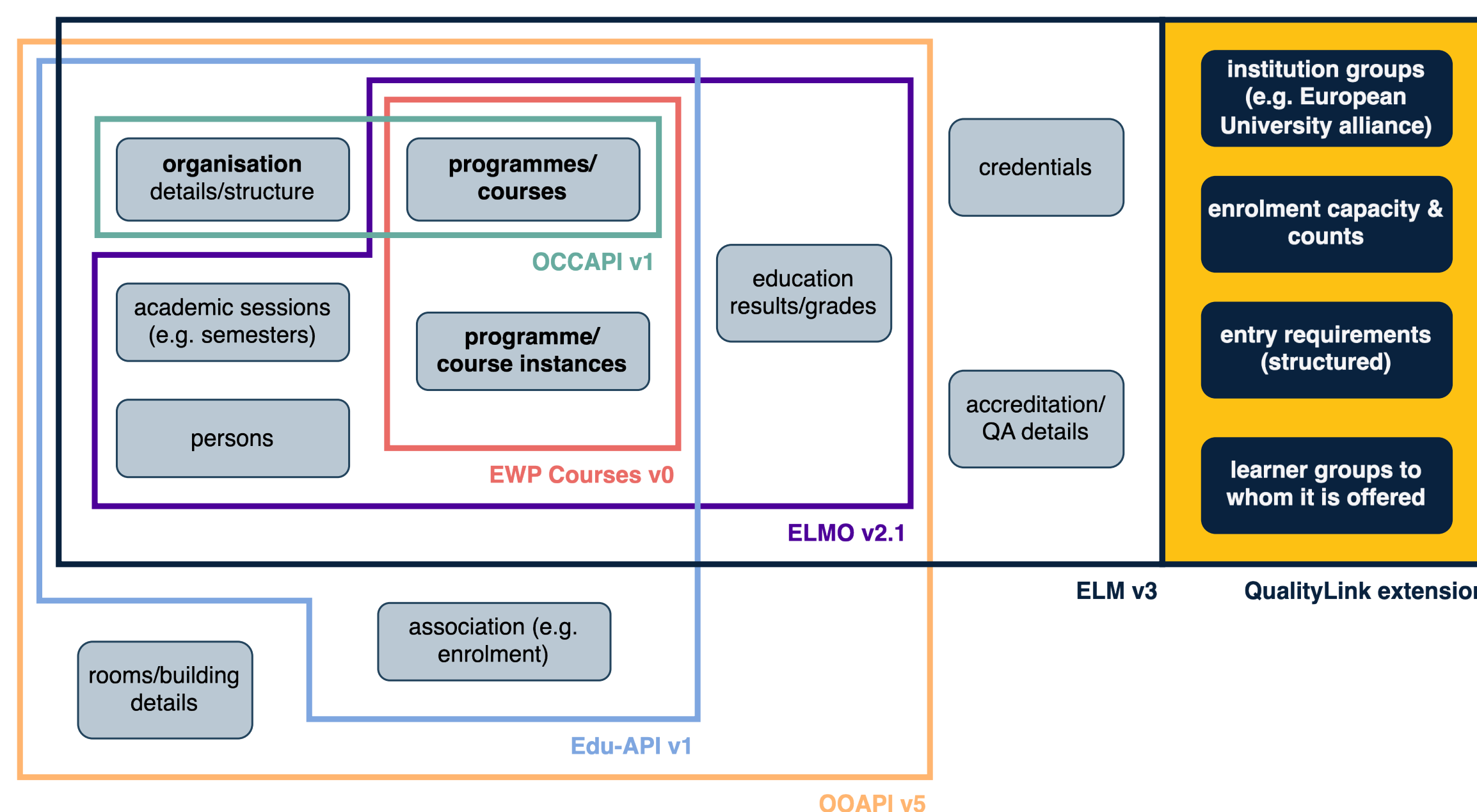


THE USE CASES

- 1 Europe-wide visibility of learning opportunities
- 2 European University alliance's joint catalogues
- 3 Support guidance for (potential) learners
- 4 Credential transparency for the labour market
- 5 Reliable information for recognition officers
- 6 Mapping and benchmarking against other providers
- 7 Interoperability with other apps

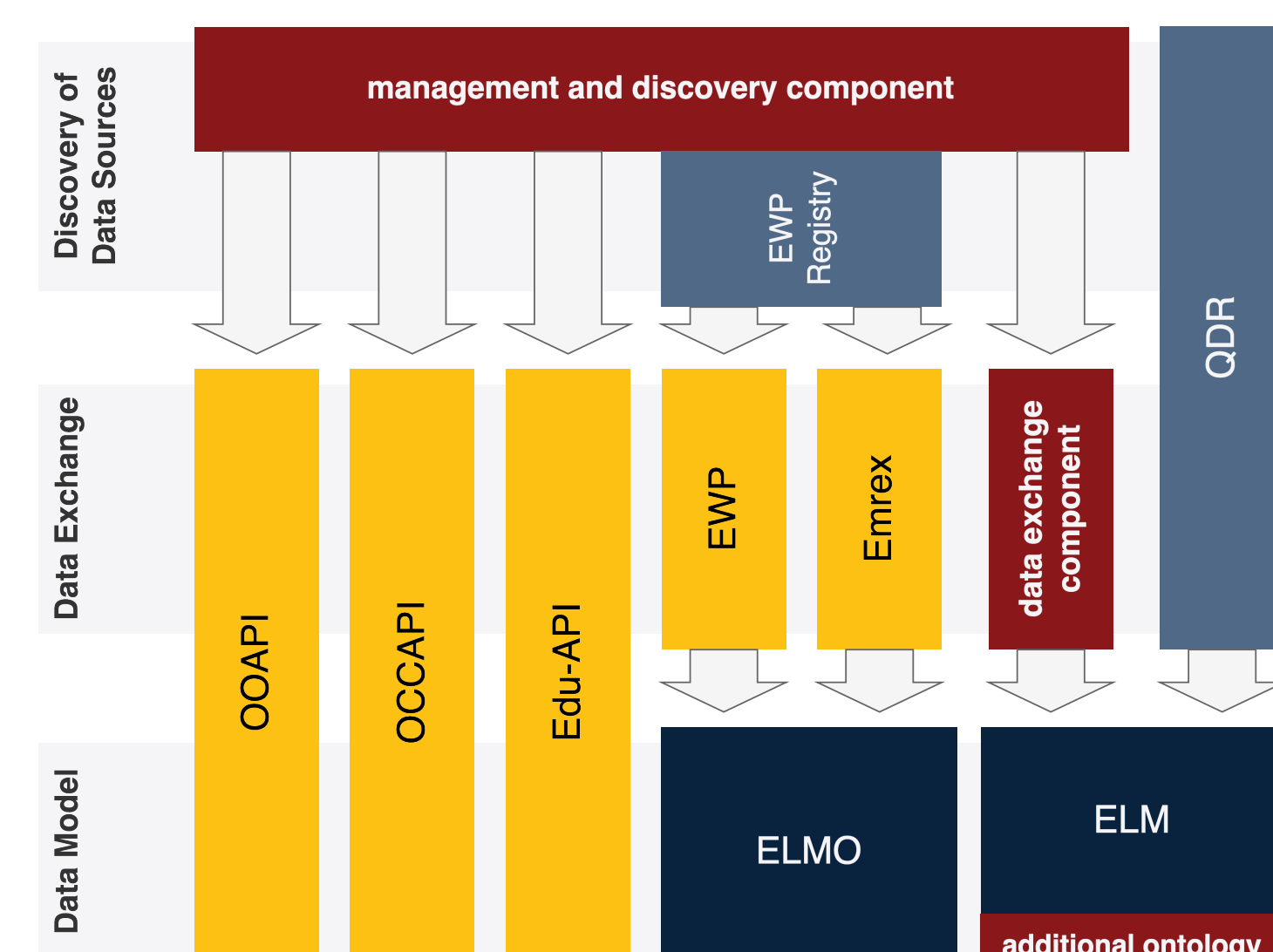
DATA MODEL

We mapped major data models. The European Learning Model (ELM) is our reference standard: it covers most required properties and indicators, and it is flexible enough to allow converting data from other standards. We propose an additional ontology for a few properties that ELM does not cover.



THE ARCHITECTURE

We build on existing standards and aim to fill the gaps. The specifications will build bridges to create one interconnected ecosystem.



COURSE IDENTIFIERS

Education providers manage identifiers internally. We propose a standardised notation, which can be used across different APIs and data models – as long as institutions assure uniqueness of their identifiers. For this, we recommend business rules on managing identifiers.

STANDARD NOTATION:

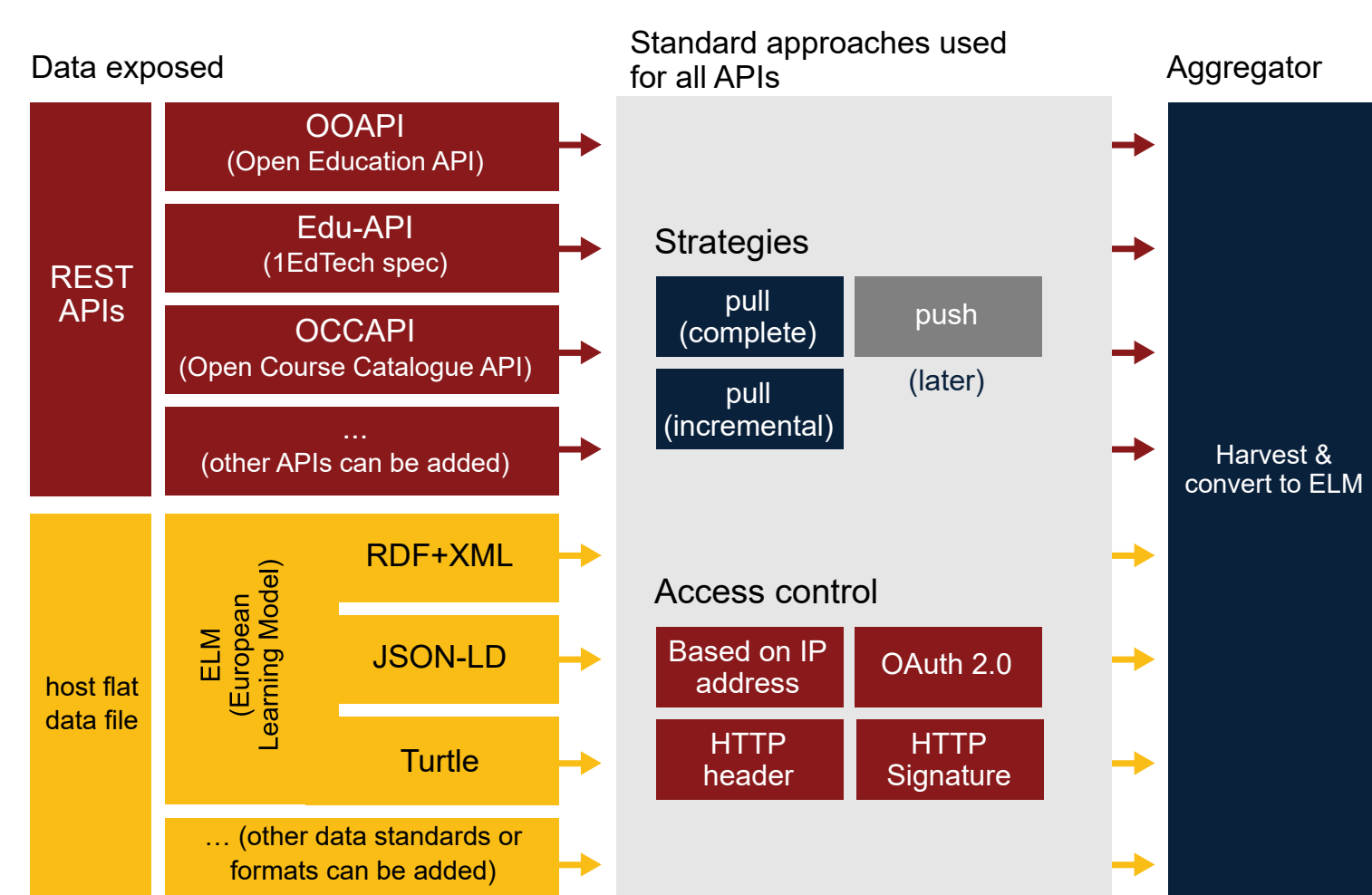
`urn:schac:uniqueCourseId:domain.tld:ABCD1234`

DID WEB ALTERNATIVE:

`did:web:domain.tld:courseId:ABCD1234`

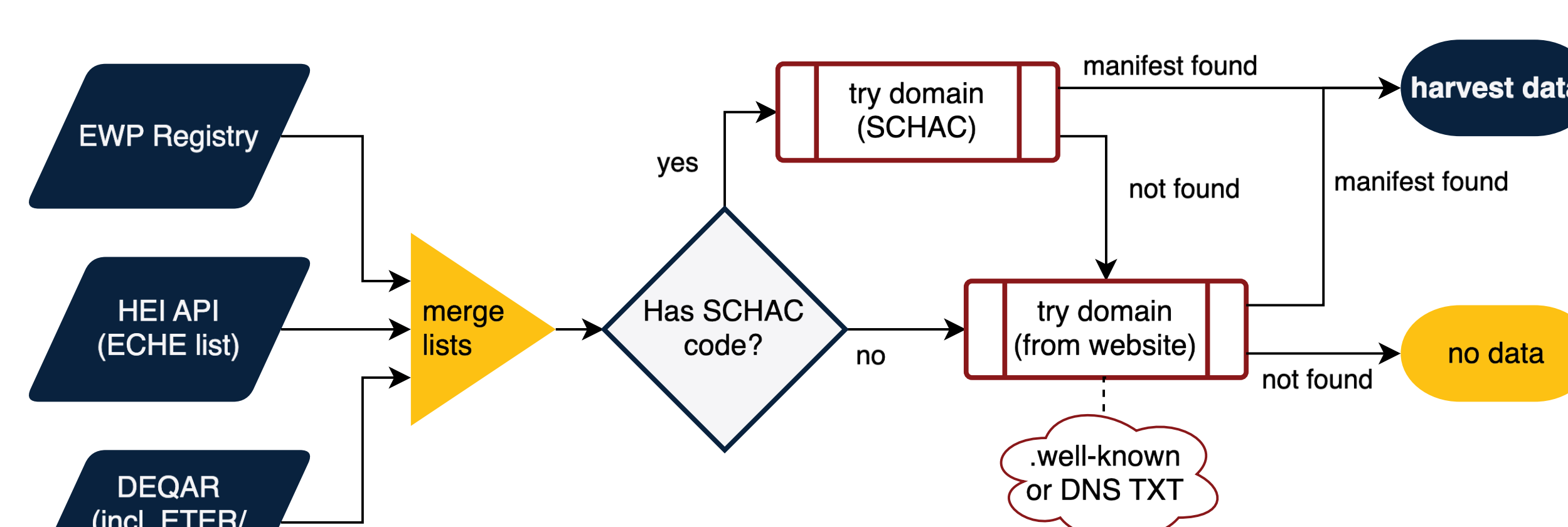
DATA EXCHANGE

We propose a flexible approach, allowing education providers to use one of the existing widespread standards. The data aggregator will harvest and convert data to a single format, based on the ELM.



DISCOVERY OF DATA SOURCES

We build on existing registries, e.g. DEQAR or the list of Erasmus Charter (ECHE) holders. Institutions can expose a standardised manifest file under their web domain, pointing to their data sources.



WHERE CAN I FIND THE DETAILS?

Check our technical specifications at:
<https://quality-link.eu/technical-specs/>

