



Building interoperability in archival management systems

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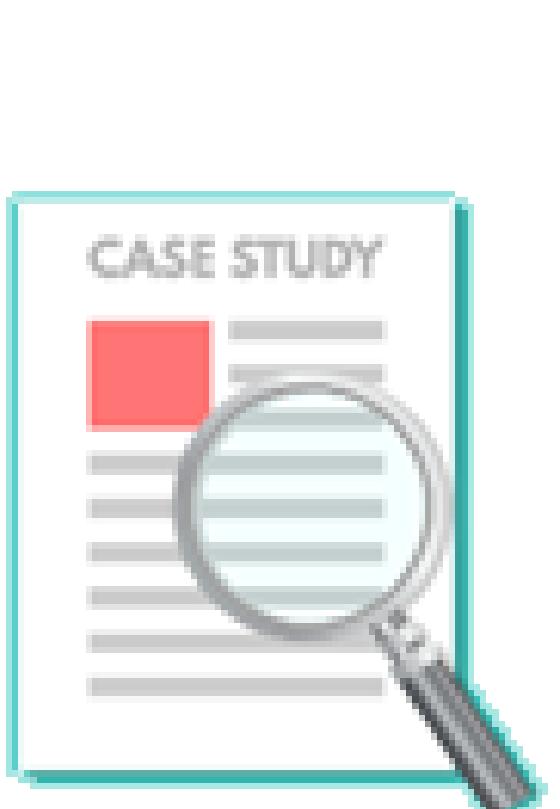
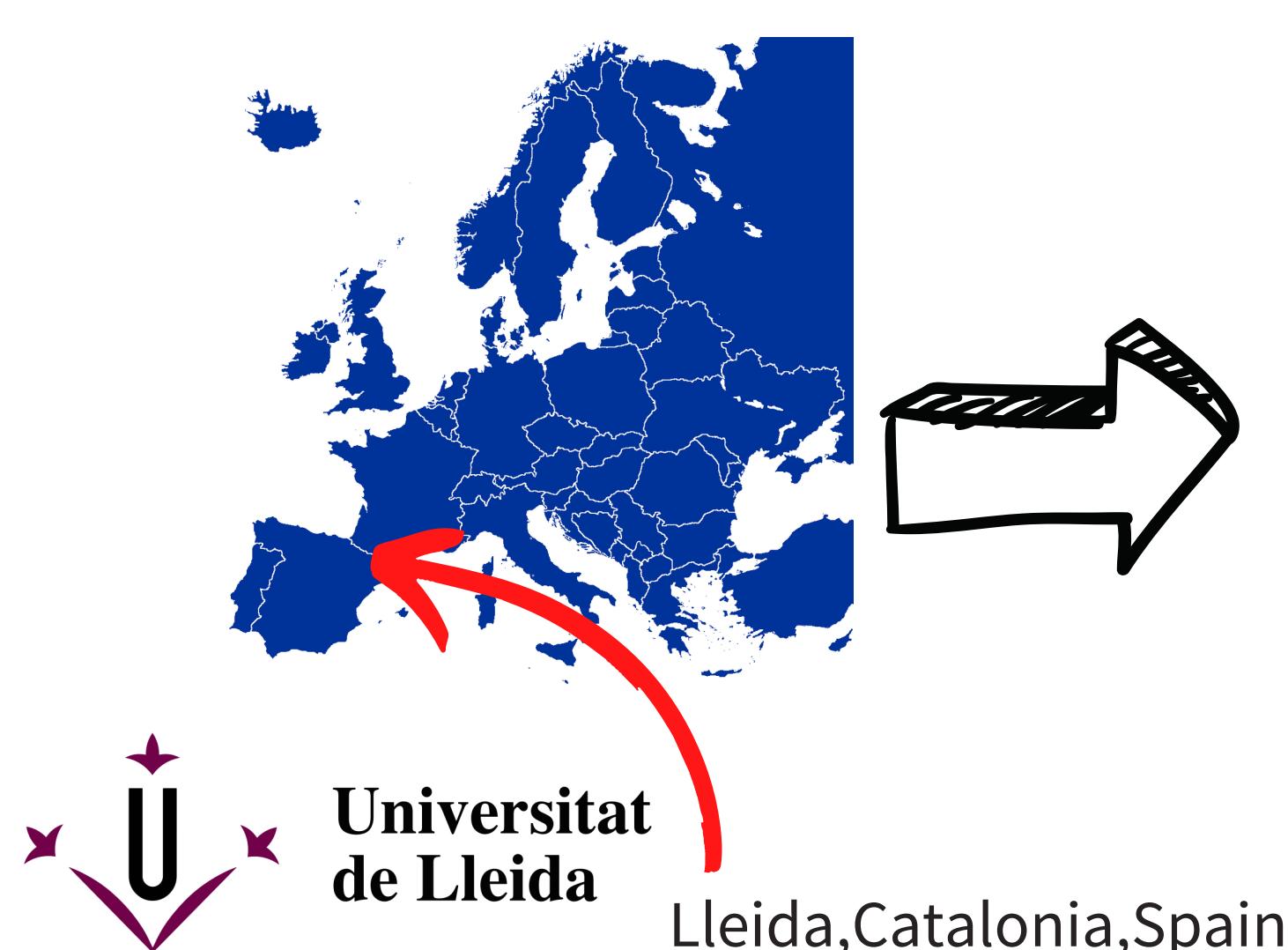


SCAN ME



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Between data and records long-term digital preservation for joint search. Challenges in a fast changing world.



What

Academic Records



Virtual Campus Assets



Historical Notebooks

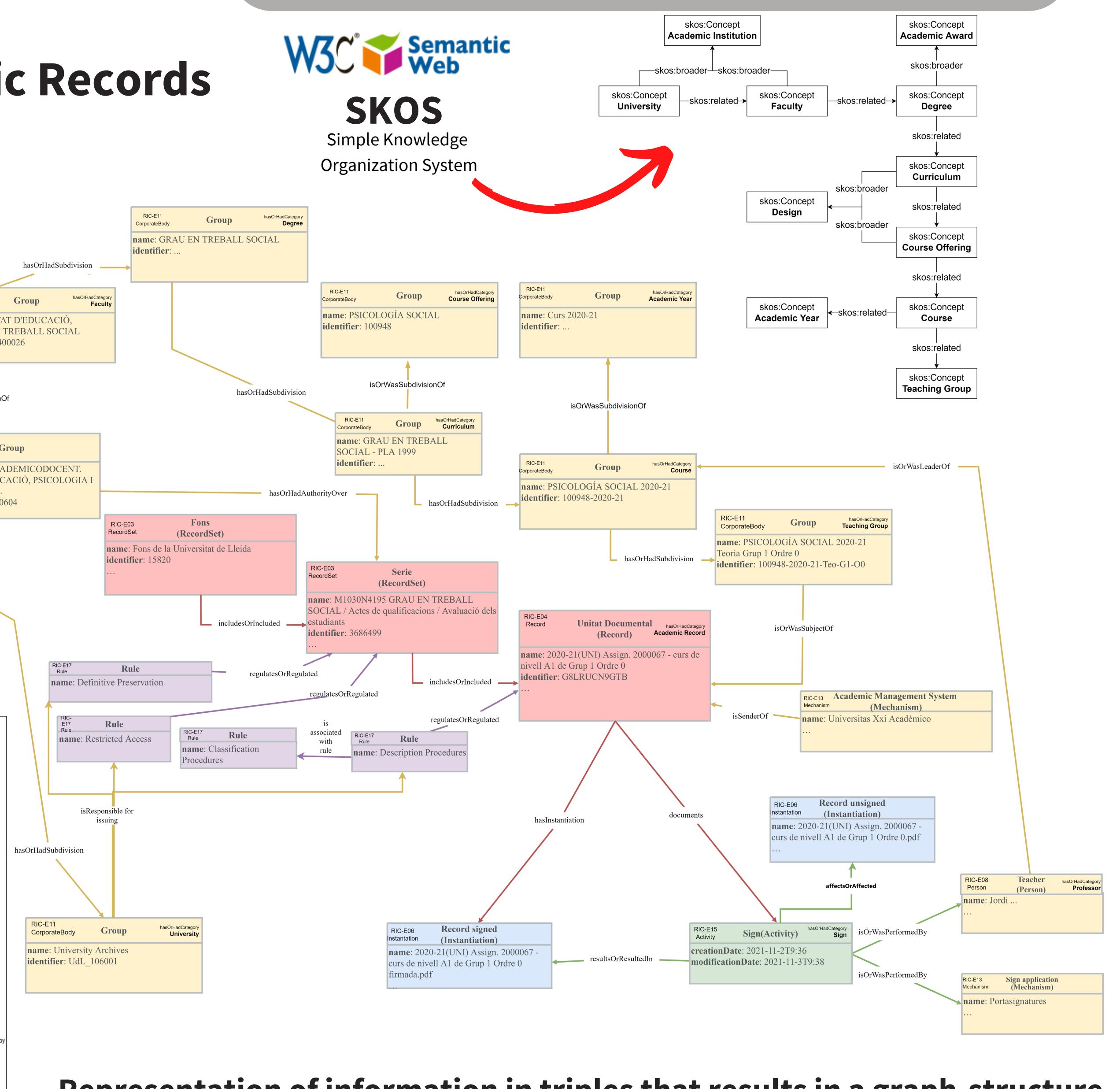
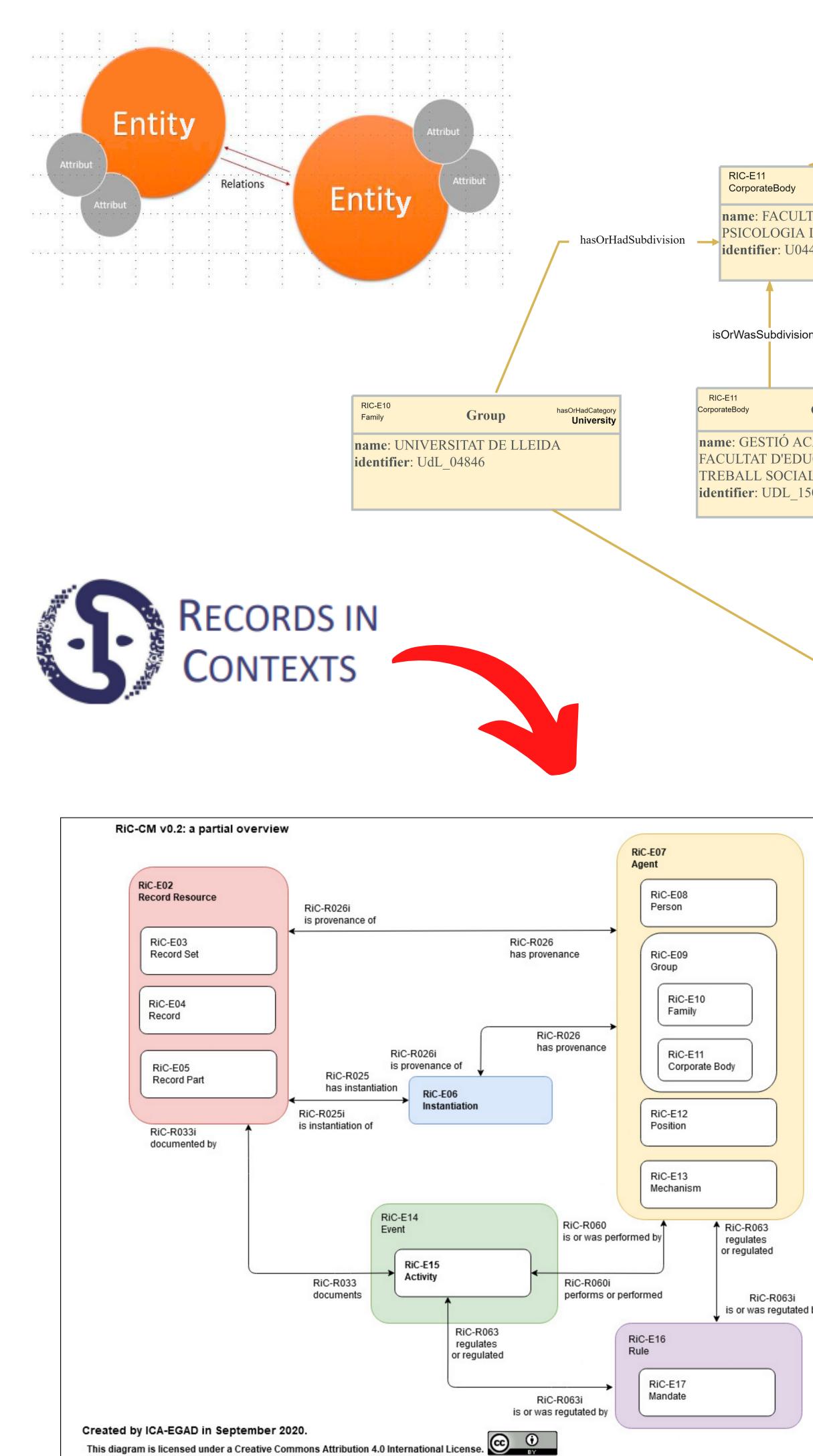


Observation from use cases

Case Study

The Archive and Records Management Service of the University of Lleida is working in this direction based on real use cases. Collaboration and knowledge transfer between university and industry are making it possible and helping focus their efforts.

CASE STUDY 1 - Academic Records Using RiC model



How

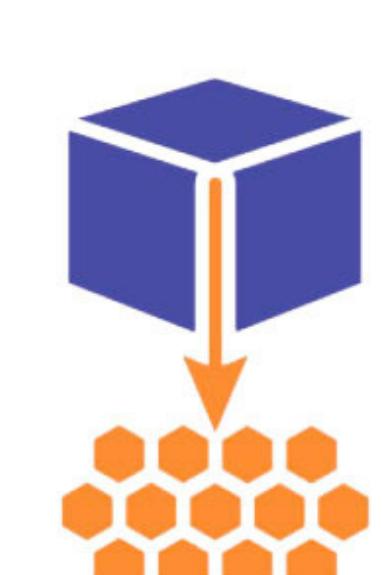
Implement a technological solution

Archival Science & Computer Science Alliance

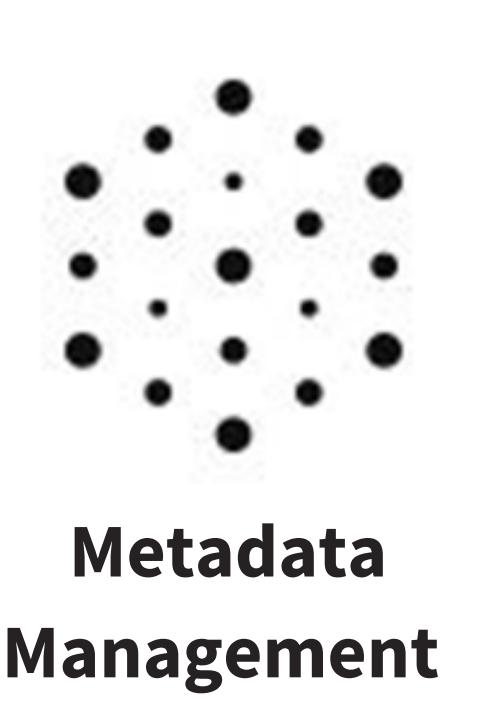
Exploring synergies between them to facilitate interoperability



Archival Principles



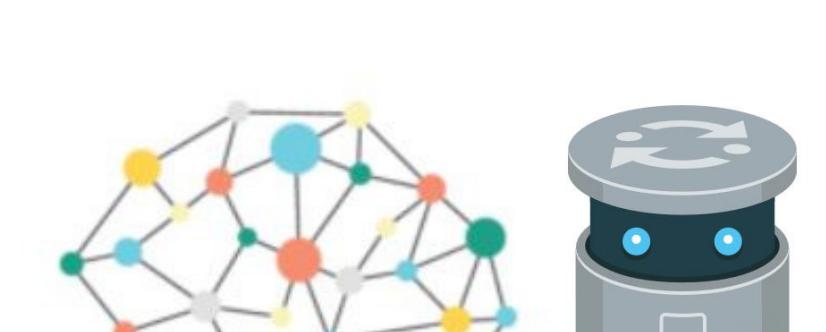
Microservices



Metadata Management Model



Semantic Technology
SKOS, Linked Data and Ontologies



Artificial Intelligence and Machine Learning

Application of research and results

Interoperability and digital preservation

Experience based on a university Records model in accordance with a standardised management system based on UNE ISO-30301 and RiC.

Preservation of records and data following the eArchiving specifications and interoperability across applications and organizations.

