

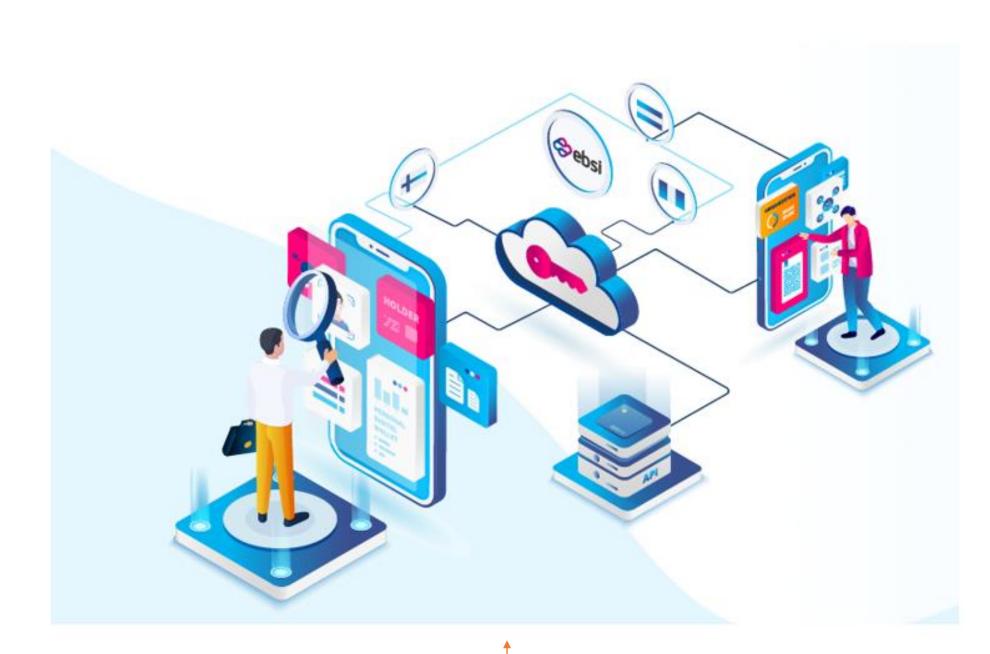
Trustworthy Preservation and Access Metadata using Distributed Ledger Technology (DLT)

eArchiving (E-ARK Standards)

Common Specification for Information Packages) E-ARK SIP (Submission Information Package) METS E-ARK AIP (Submission Information Package) METS Content Information Type Specification (CITS) – Digital geospatial data records archiving Content Information Type Specification (CITS) – Electronic Records Management Systems Content Information Type Specification (CITS) – Relational Databases

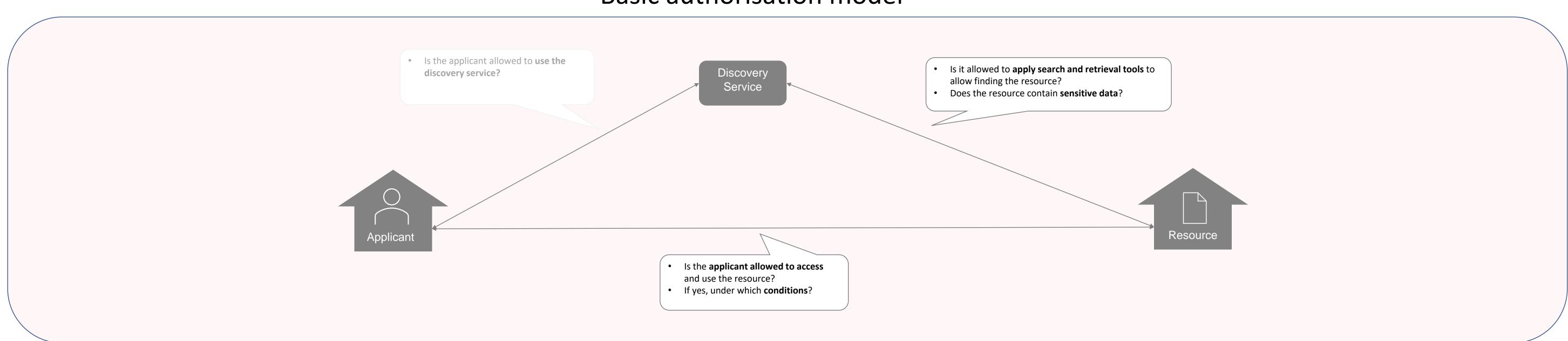
Content Information Type Specification (CITS) - ...

European Blockchain Service Infrastructure

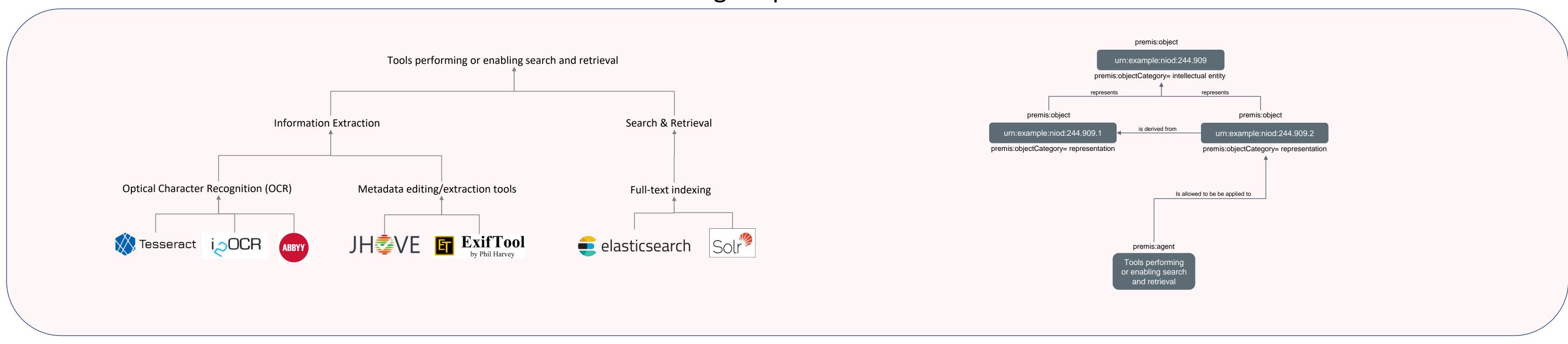


-Cooperation & Synergies

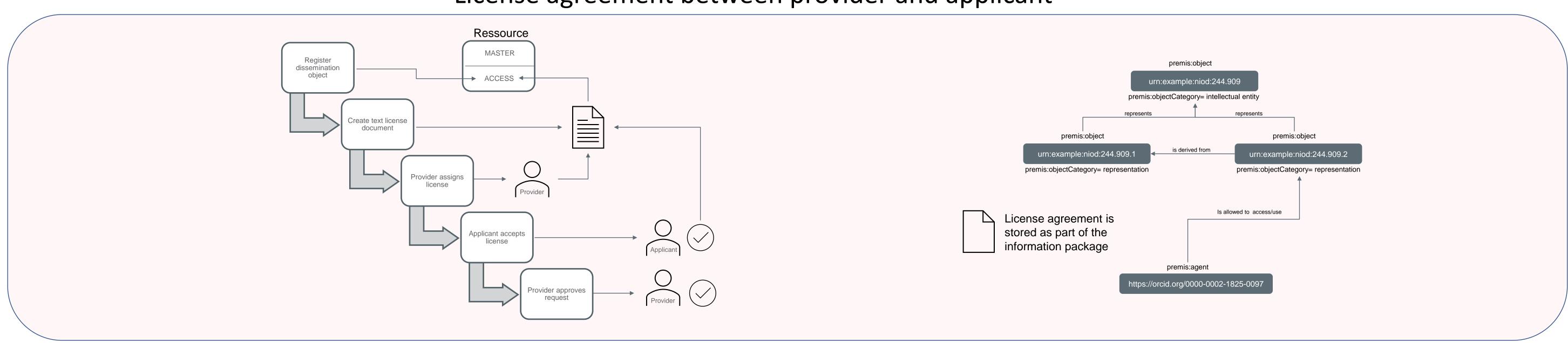
Basic authorisation model



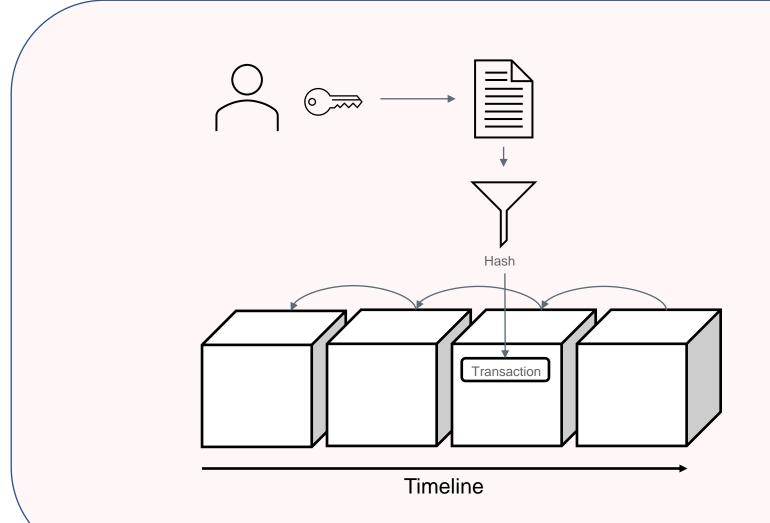
Software agent permissions



License agreement between provider and applicant



Blockchain notary



- Fingerprint (hash) of document(s) and optionally signatures is stored
- impossible to derive the original document from the hash value only
- Transaction stores the hash value with a timestamp when it was performed
- The hash value may represent a single document or multiple documents
- Documents may be signed or hashed together with signature files
- Proof of existence and (optionally) proof of authenticity

