



HUMAN COLOSSUS
FOUNDATION

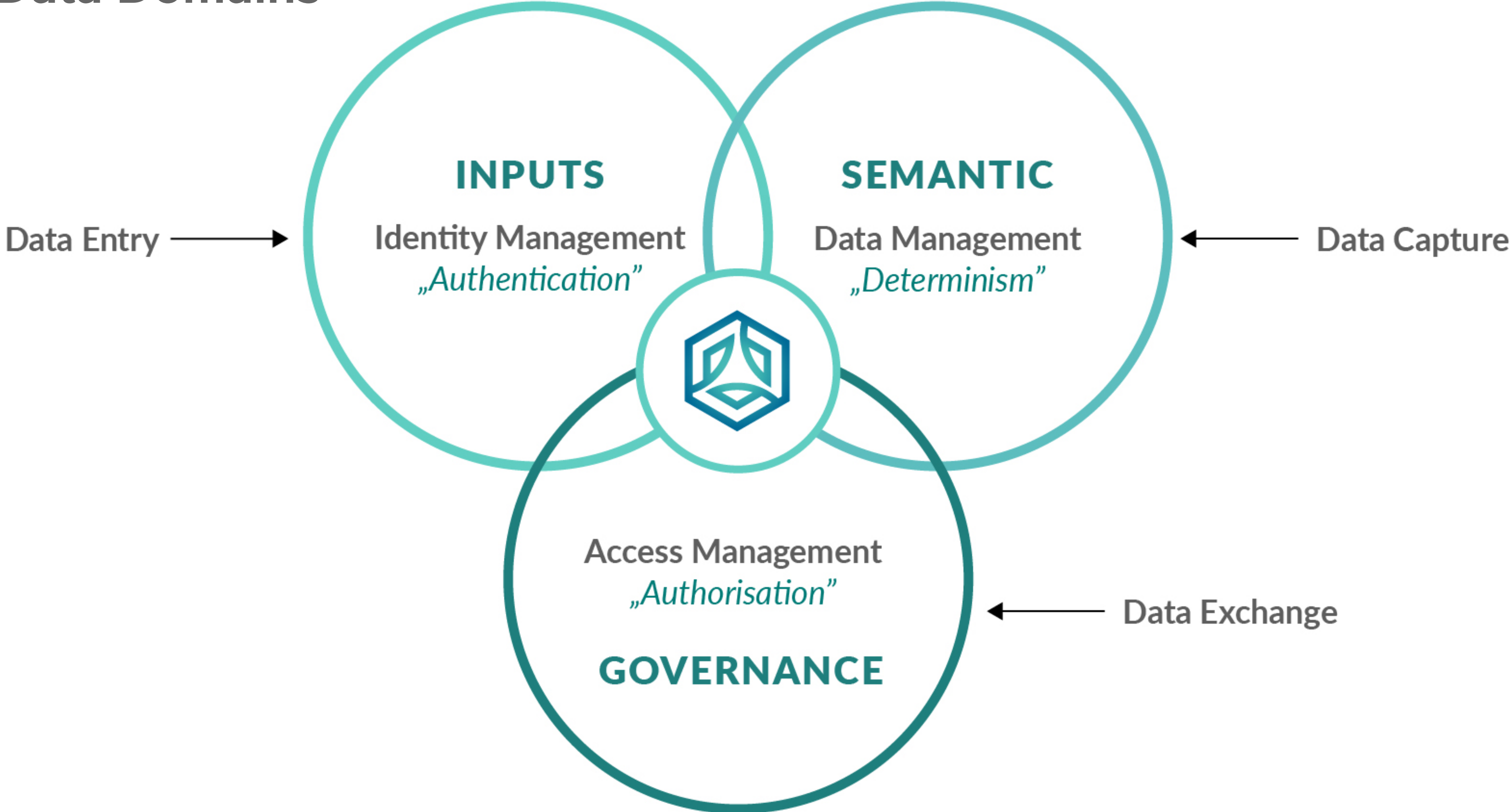
Ecosystem Internationalization

Multistakeholder Data Governance Authorities: Global Gatekeepers

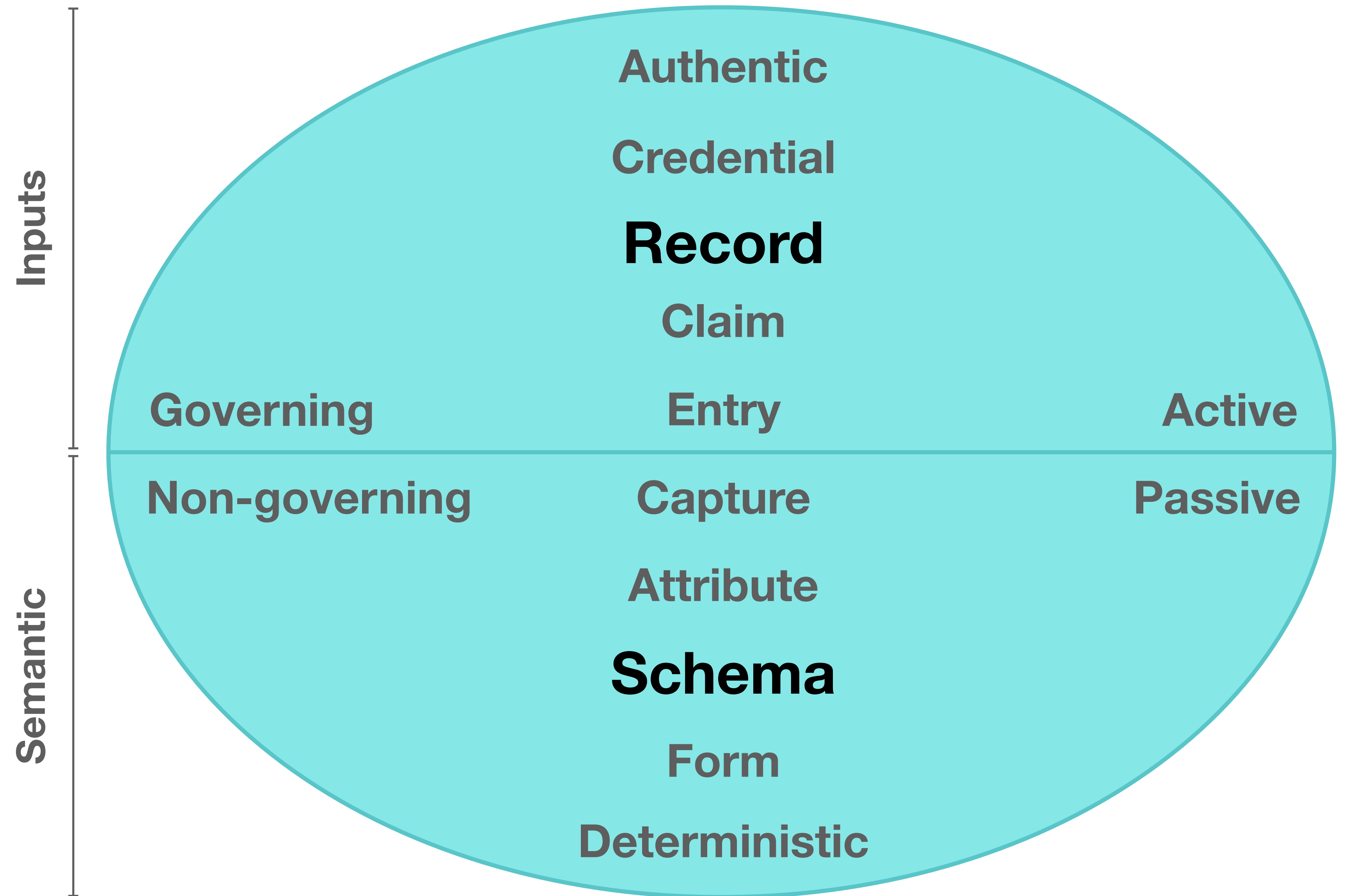
Paul Knowles

July 1st, 2021

Three Data Domains

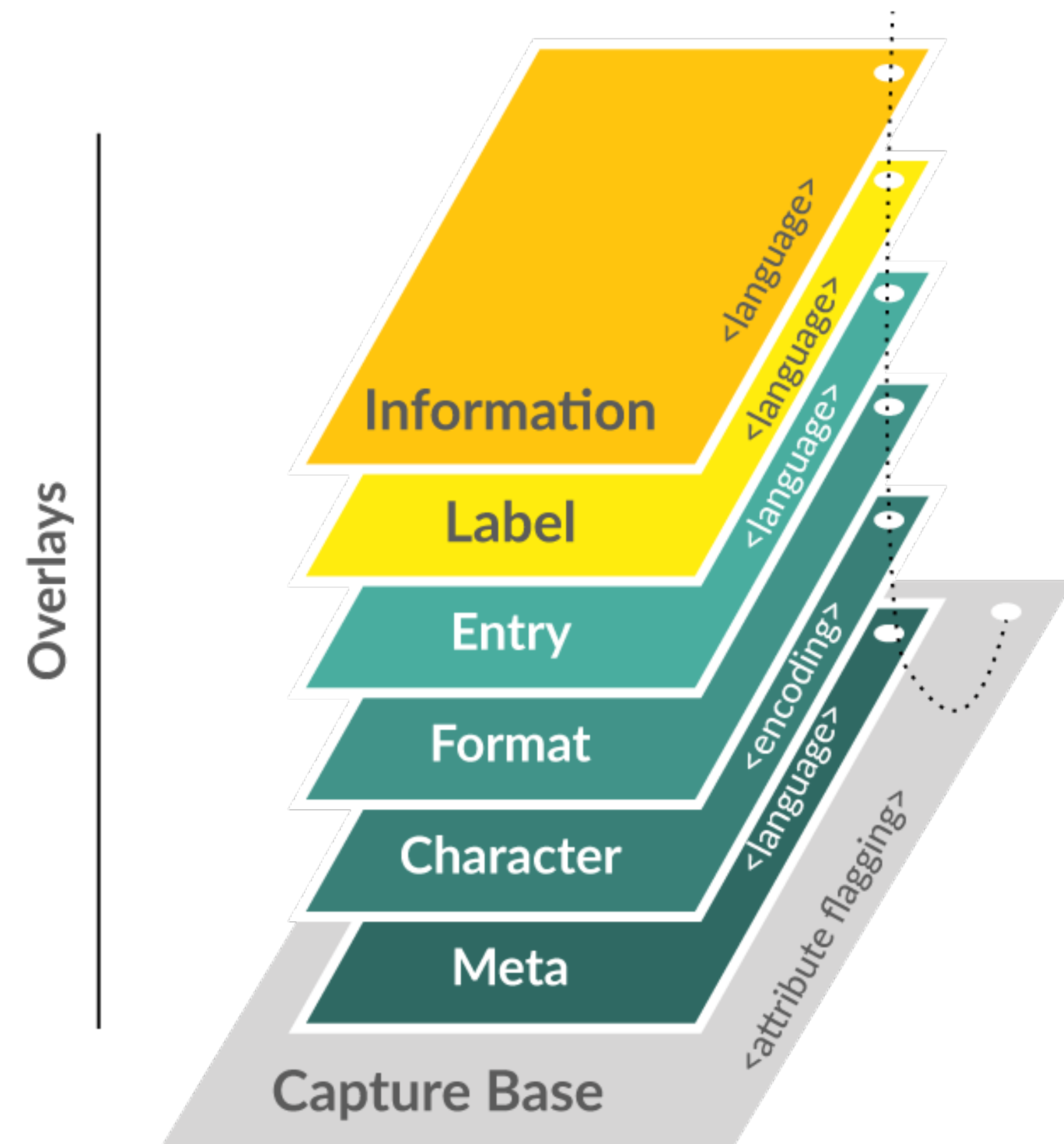


Inputs vs Semantic



Good Health Pass: Semantic Harmonization

- Overlays Capture Architecture (OCA)

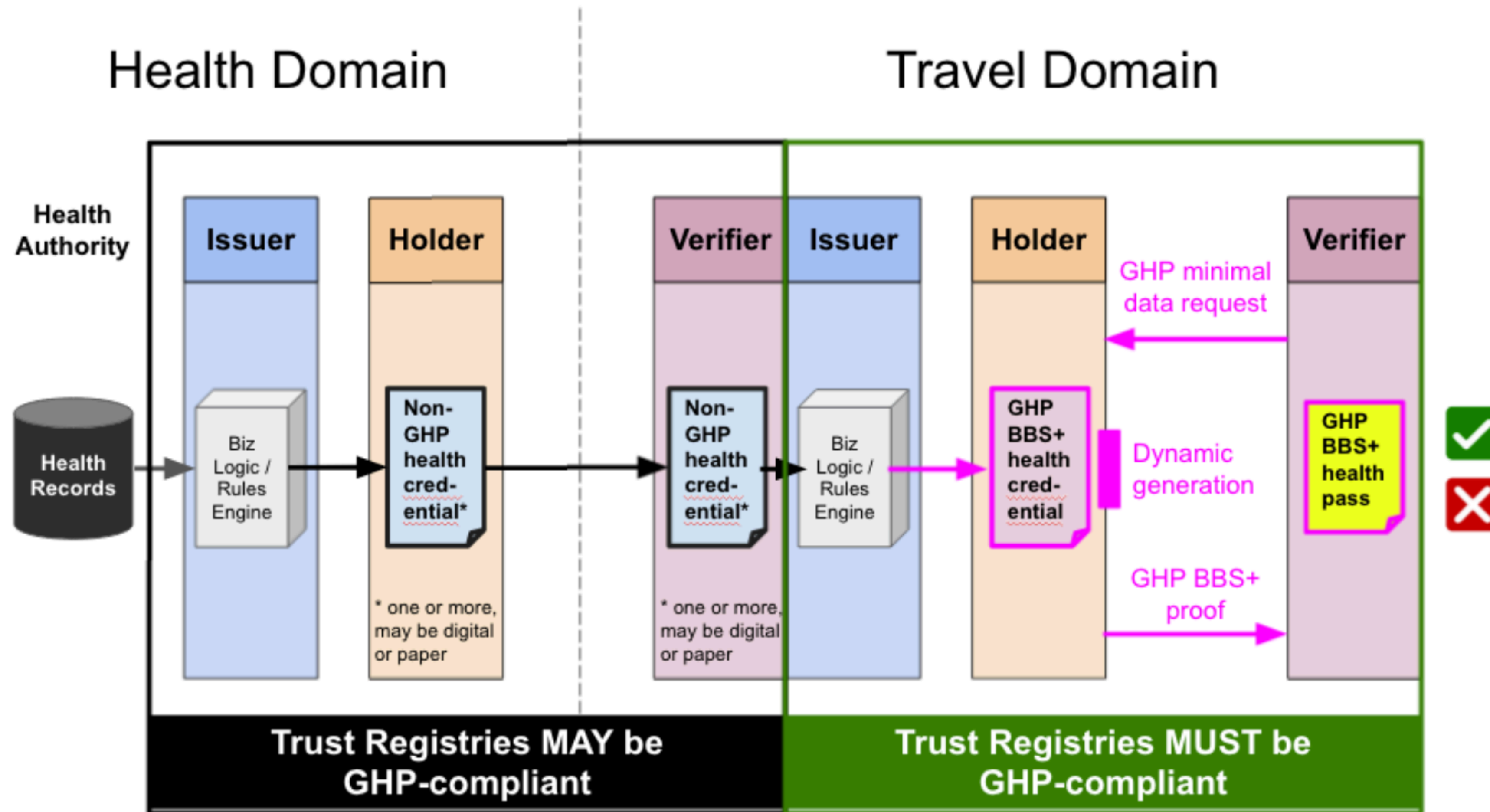


OCA: a solution for semantic harmonization between data models and data representation formats

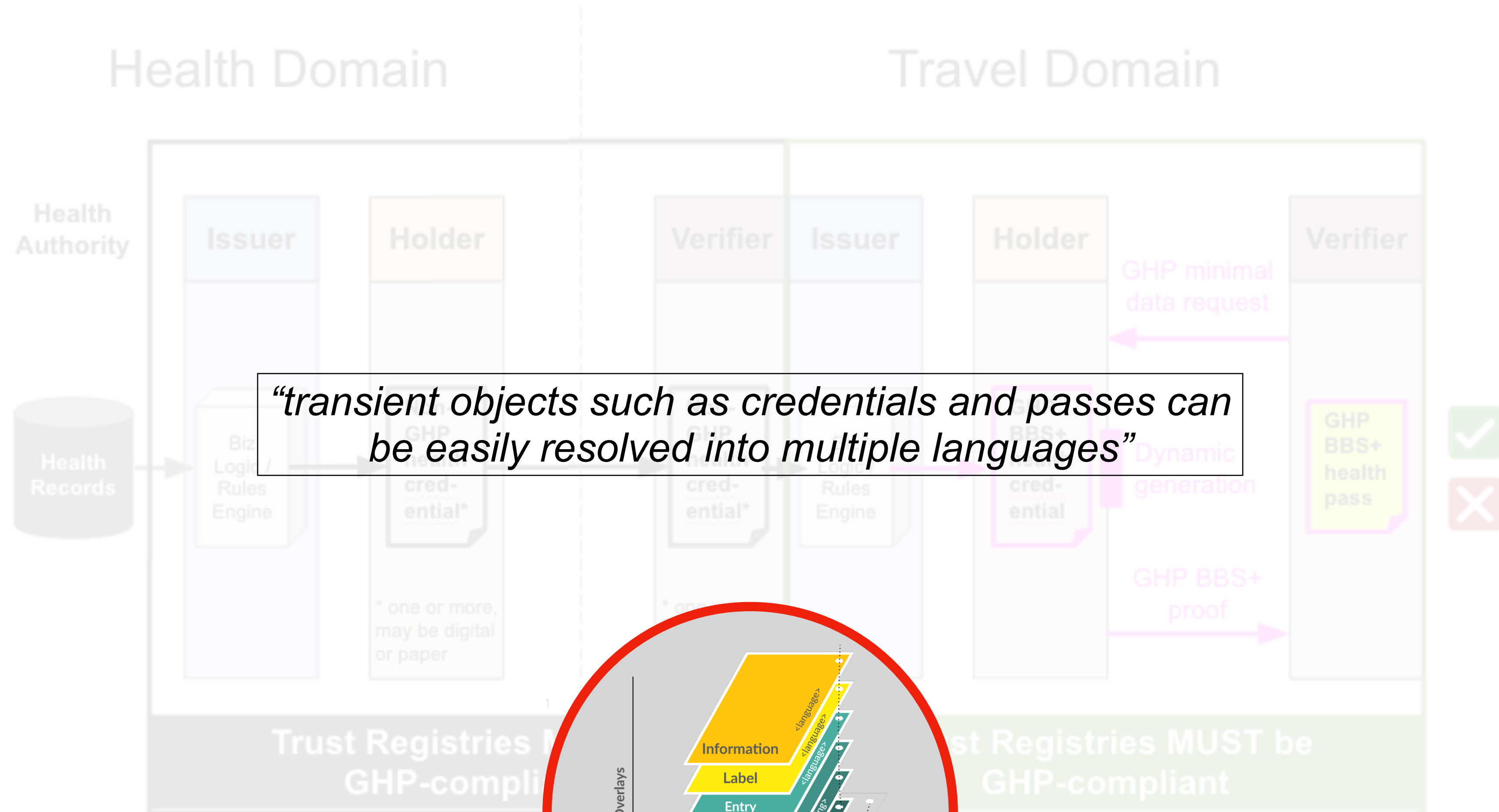
“transient objects such as credentials and passes can be easily resolved into multiple languages”

OCA presents a schema as a multi-dimensional object consisting of a stable *capture base* and interoperable *overlays*. Overlays are task-oriented linked data objects that provide additional coloration to the capture base.

Good Health Pass: Transformation Pipeline



Good Health Pass: Transformation Pipeline



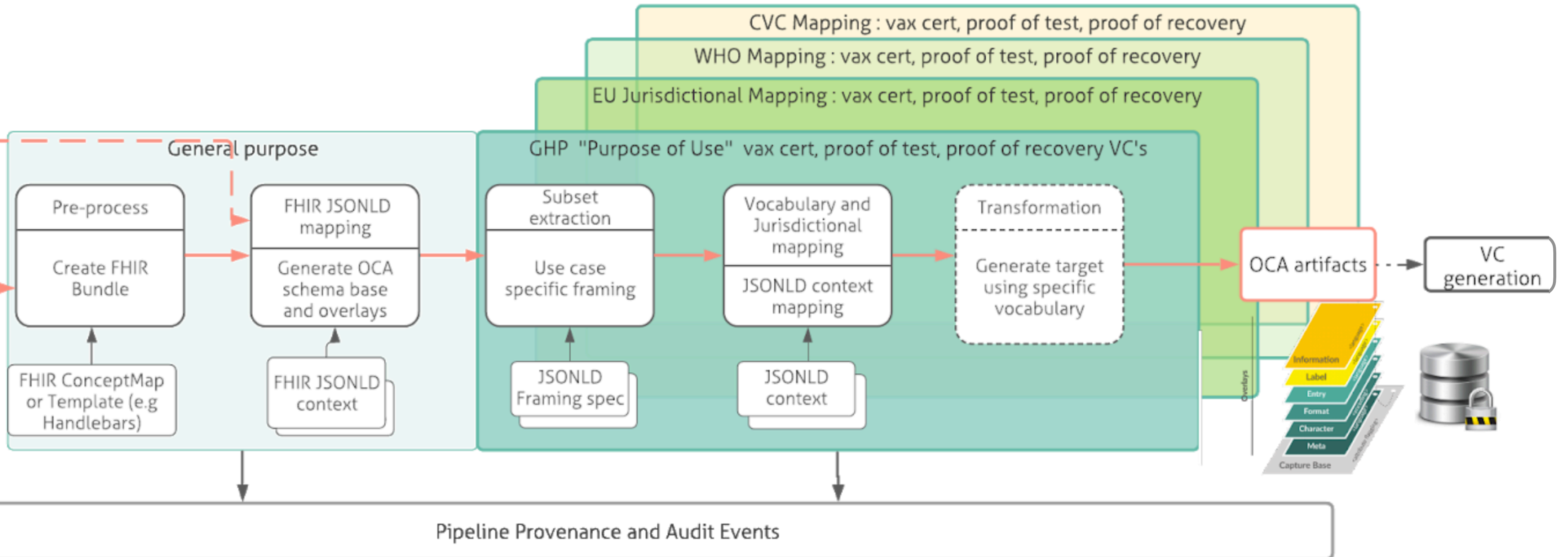
“transient objects such as credentials and passes can be easily resolved into multiple languages”

Good Health Pass: Semantic Data Pipeline

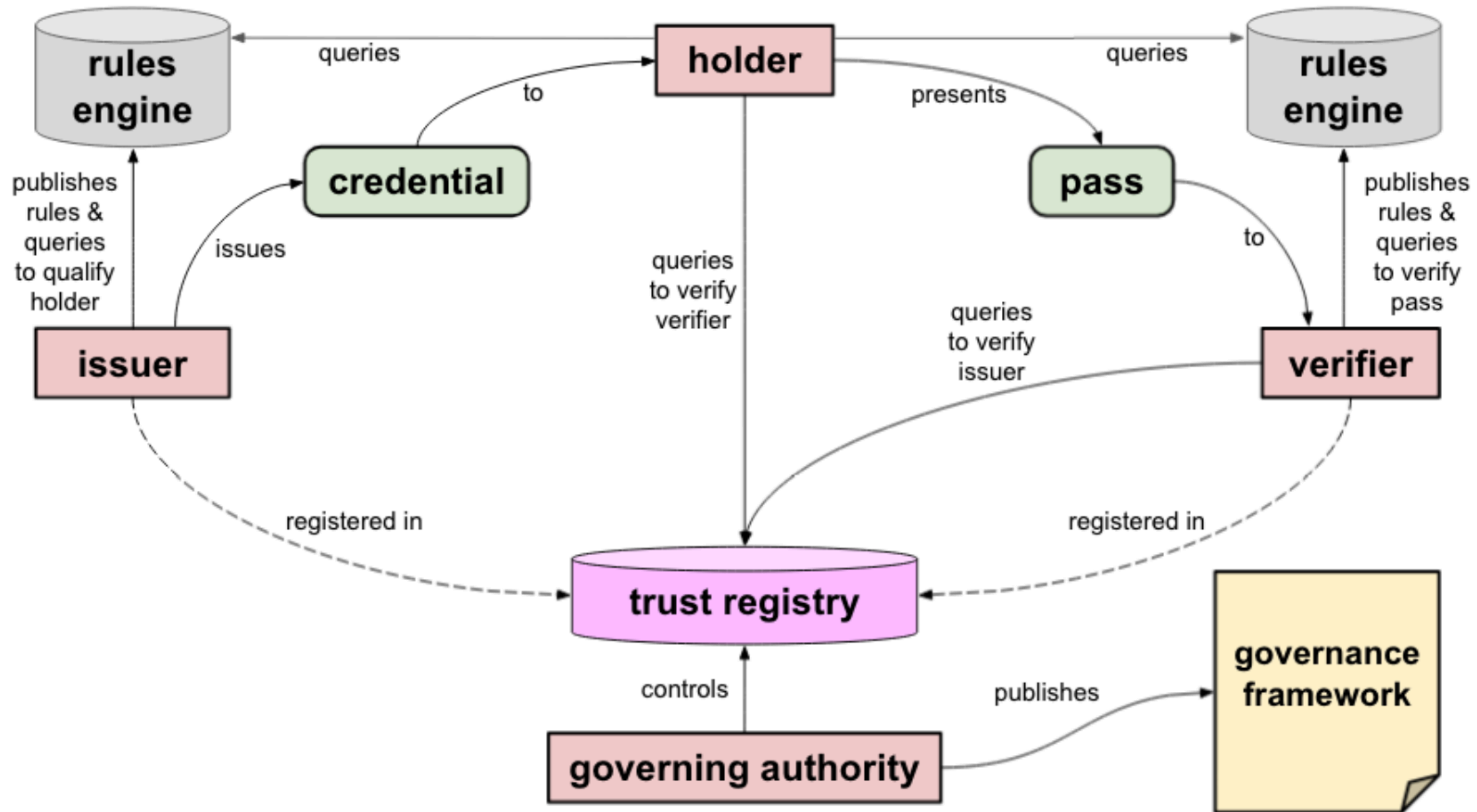
FHIR Validation, Security Labels and Consent obligations are applied



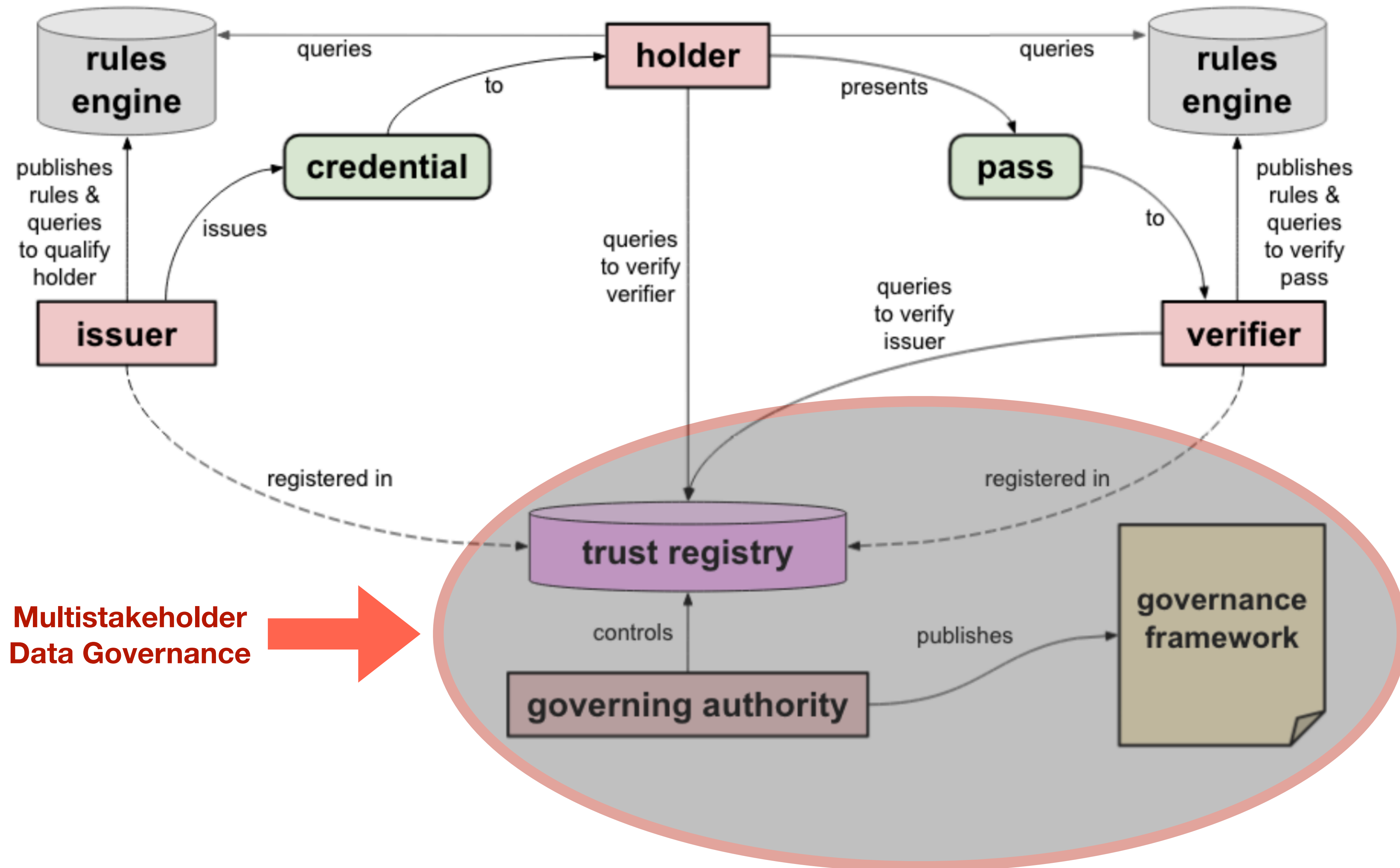
Input bundle from FHIR data source
CSV



Good Health Pass: Digital Trust Ecosystem

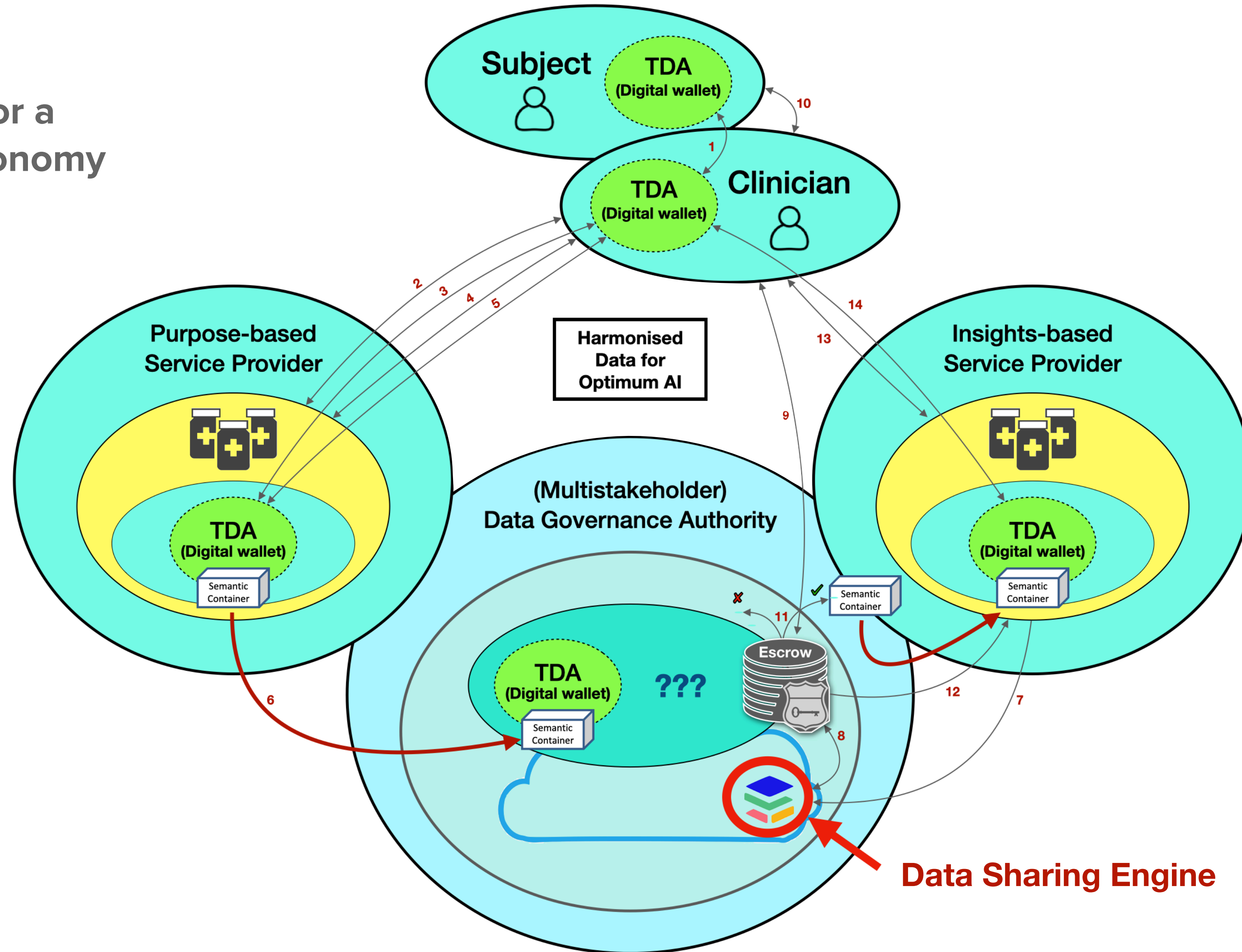


Ecosystem Internationalisation



MMM model

A fractal model for a dynamic data economy





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