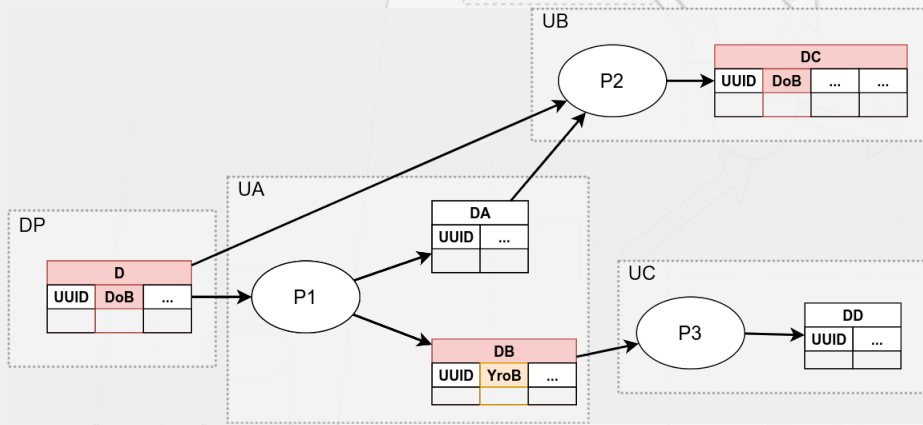


Automatically } check *compliance* } of Terms and Conditions for data use

derive rules for *outputs*

...

in complex multi-institutional contexts with **Multi-Input-Multi-Output** processes and *decentralised* collaboration



I agree to restrict my use of CORDEX model output for **non-commercial research and educational purposes** only. [1]

In **publications** that rely on the CORDEX model output, I will appropriately **credit the data providers** by an acknowledgement similar to the following: “We acknowledge...” [1]

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Data is **non-transferrable** (other than as permitted in the licence) and **confidential** in nature. [3]

Data is **not** to be used to **identify, contact or target** patients or general medical practitioners. [3]

Two types of *inter-operating* rules, for

- **data**
 - the data-use policy from upstream
- **process**
 - how the *process* changes the *data rules*

Supports **obligations** and **MIMO process graphs (=DAGs)** exceeds traditional solutions for access controls and linear pipeline

Based on **formal** language:

- formal semantics
 - *situation calculus* reasoning
-
- **Ontology** in *rules* for inter-operation across institutions
 - **Provenance** as *lingua franca* for different underlying systems
CWLProv, S-Prov
 - **Derive** rules for *outputs* for continuous / future data uses