



CICM Panel Web Service Design and Conceptual Modeling

Some thoughts by

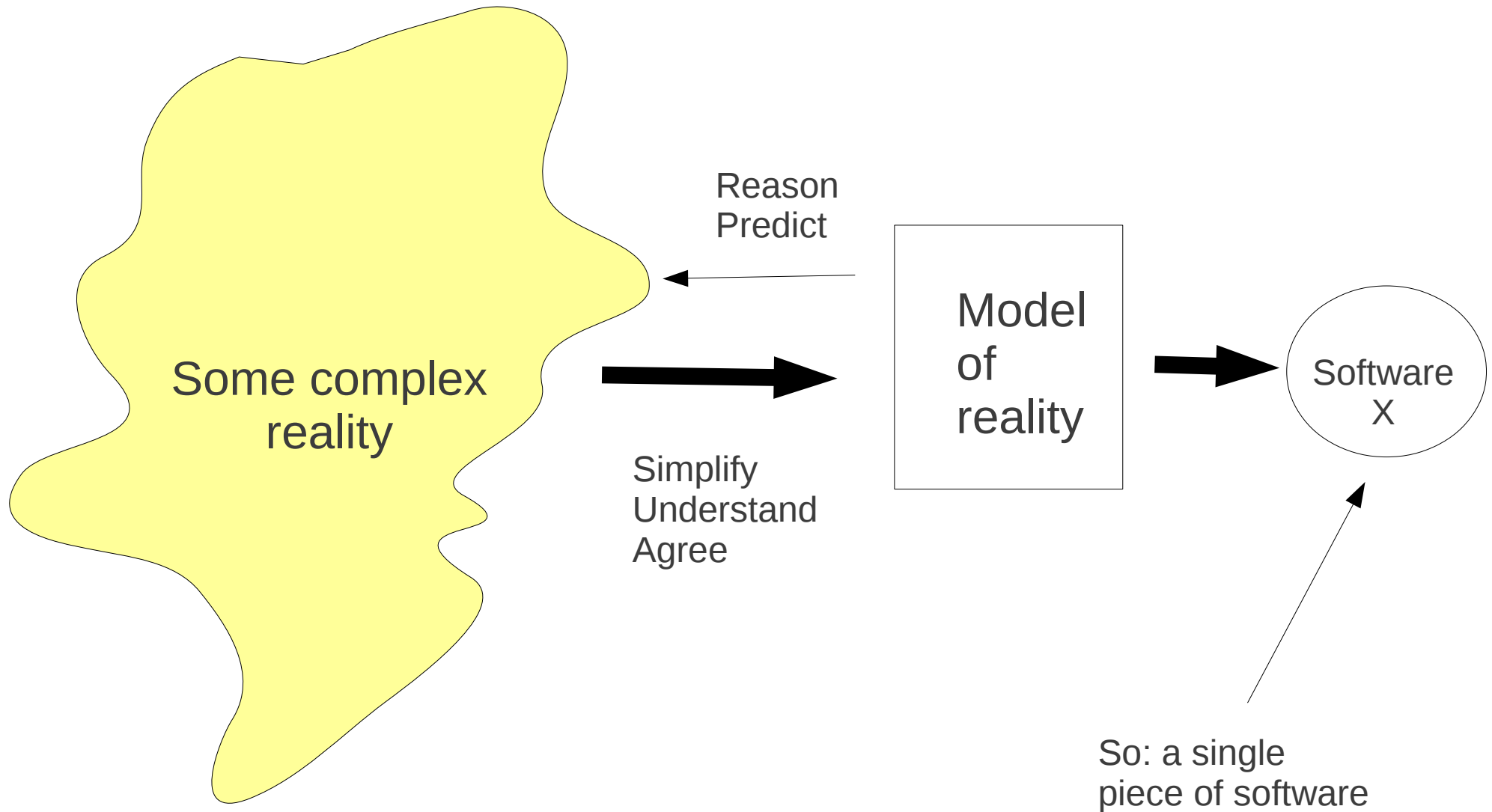
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Disclaimer

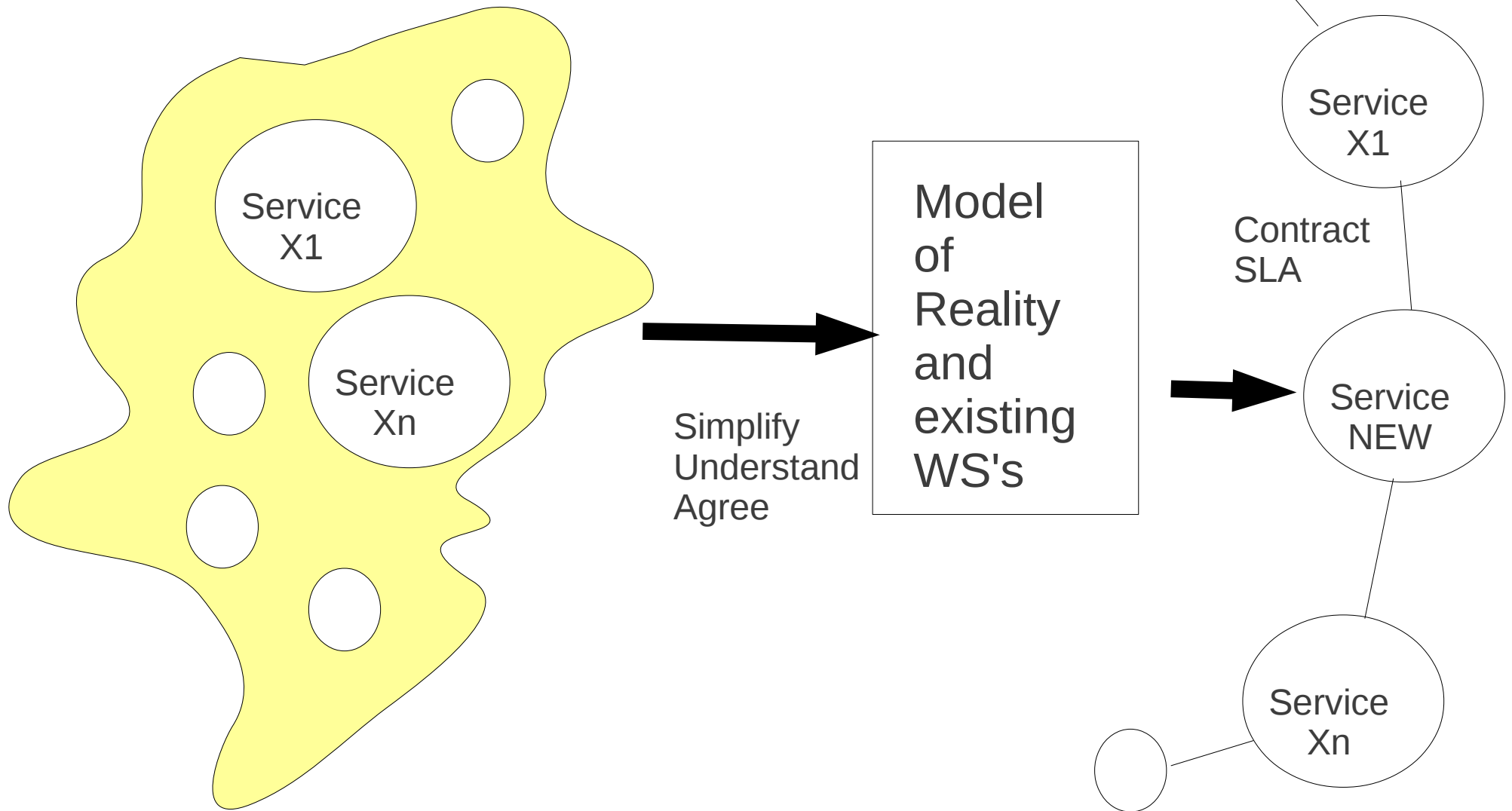
I confess that I am not an expert in Web Service technology.

So, correct me if I am wrong

Conceptual Modeling in the happy old years



Conceptual Modeling of Web Services?



If this view is correct: What does it mean?

- WS development is always done in the context of existing WS; never start from scratch
- There is only limited knowledge about those existing WS'es; no absolute Control;
- Need to pay for that via compensation, SLA etc.
- Loose (?) collaboration between the development teams of different WS'es?
- While the code of one WS may be correct, we cannot claim this for the use of the WS in the context of the calling/called WS' es

No global truth, no global conceptual model

Choreography instead Orchestration

- Concentrate on the rules governing the interaction of WS'es
- Alignment of CM instead integration
- Shift to process modeling? BPMN?
- Entity identification
- Manage integrity violation instead of preventing it
- More business modeling is needed, e.g. integration with financial models

- CM to stimulate enable communication between a large number of loosely coupled developers rather than MDA
- Dev teams use heterogeneous methods and are at different stages

- Emerging properties: interoperability, maintainability, robustness, ...

- Reflective WS: know what you do, CM at runtime

Good old times of centralized SW development have passed

EVERYTHING – EVERYWHERE – AT ANY TIME

INCONSISTENCY instead CONSISTENCY

Constant ADAPTION to BUSINEES CHANGES

