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> Scenario

> owl, Protege 3.4.8


Task Trinh (4.1 → Pellets → SWRL)

rdf ↔ Semantic Web Vocab
SWRL (2) write back .owl
(1) run

> what to keep

- owl — knowledge
- log_c — dynamic (audit)

> Reasoning uses
Rules

enhancing knowledge (inherent information)  write back

internal

dynamic information \rightarrow use & forget & log

vs

external rules
'notepad'

> established rules for our scenario

- SWRL
- applied

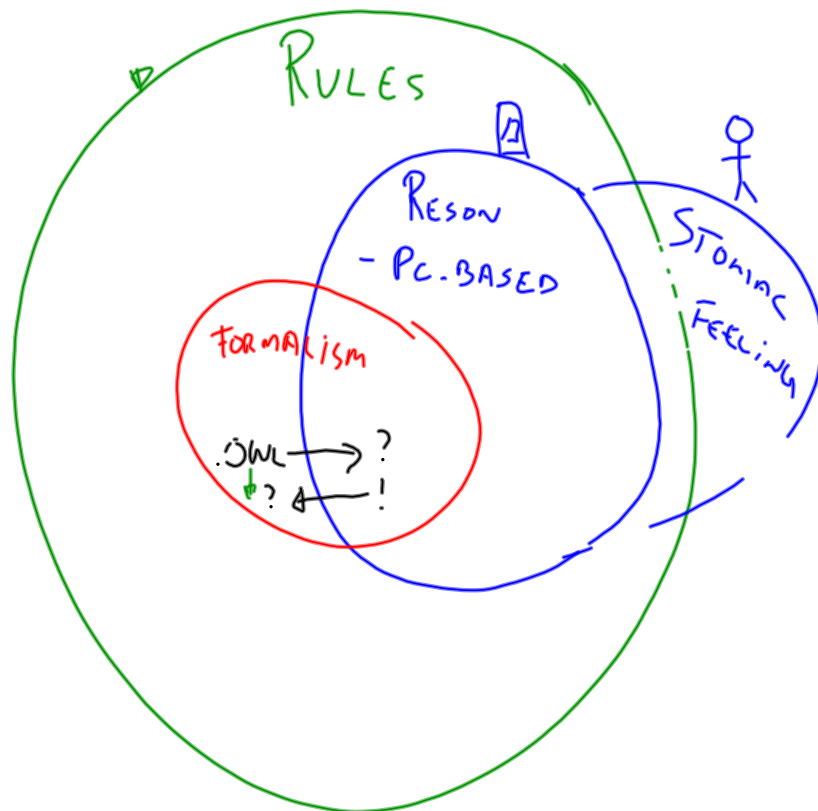
\rightarrow dynamic information \rightarrow apply program

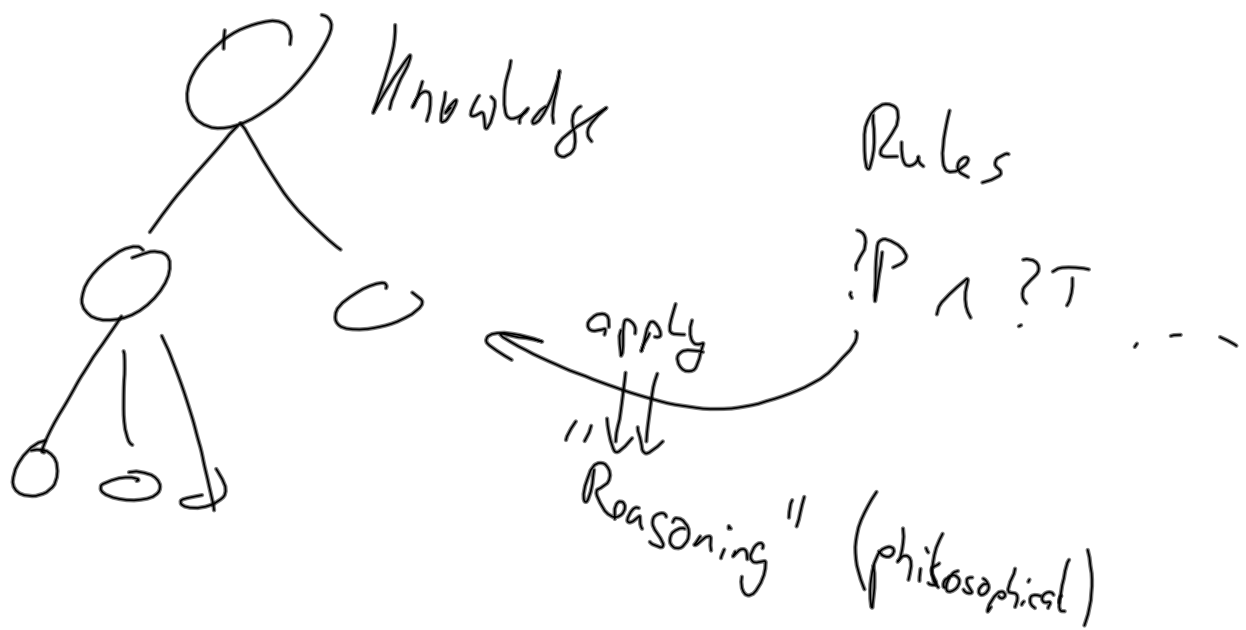
Apply external programme

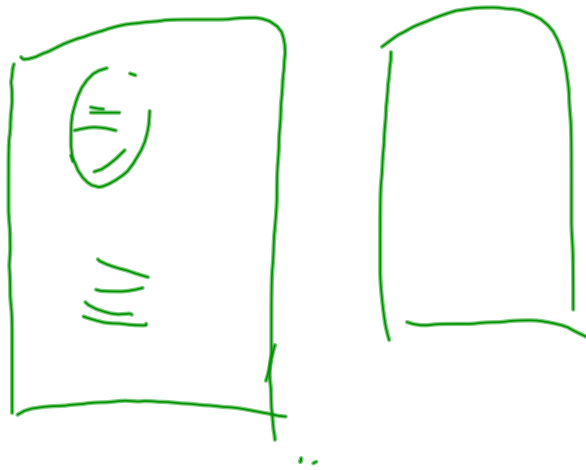
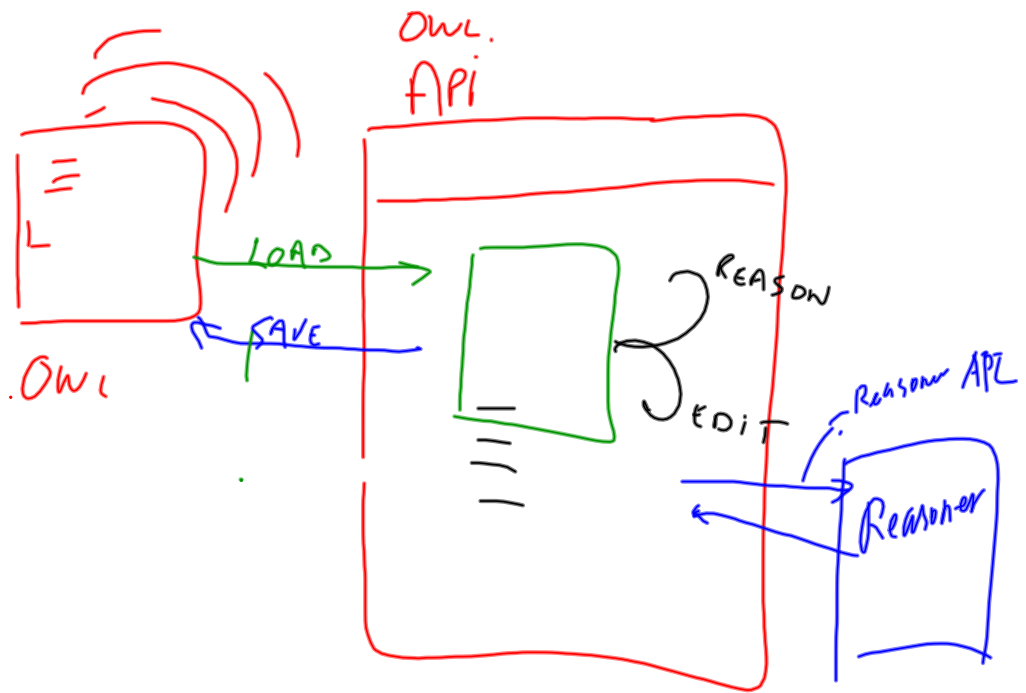
Resume
10:17

- owl API
- Protege owl API
- Pellet reasoner

NO
RULES







+	-
<ul style="list-style-type: none"> * GOOD EXAMPLES * Based on OWL 2.0 * CLEAR CODE 	<ul style="list-style-type: none"> * NOT COMPLIANT WITH PROTEGE 3.X * NOT BEGINNER FRIENDLY (OWL 2.0)

RDF ?

Reasoning?

Protege API

- + easy to develop prototypes
- + good for customization through plugins
- + has an editor
- low level
- + very good with SQWR