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Lund Industrial Robot Skill Ontology

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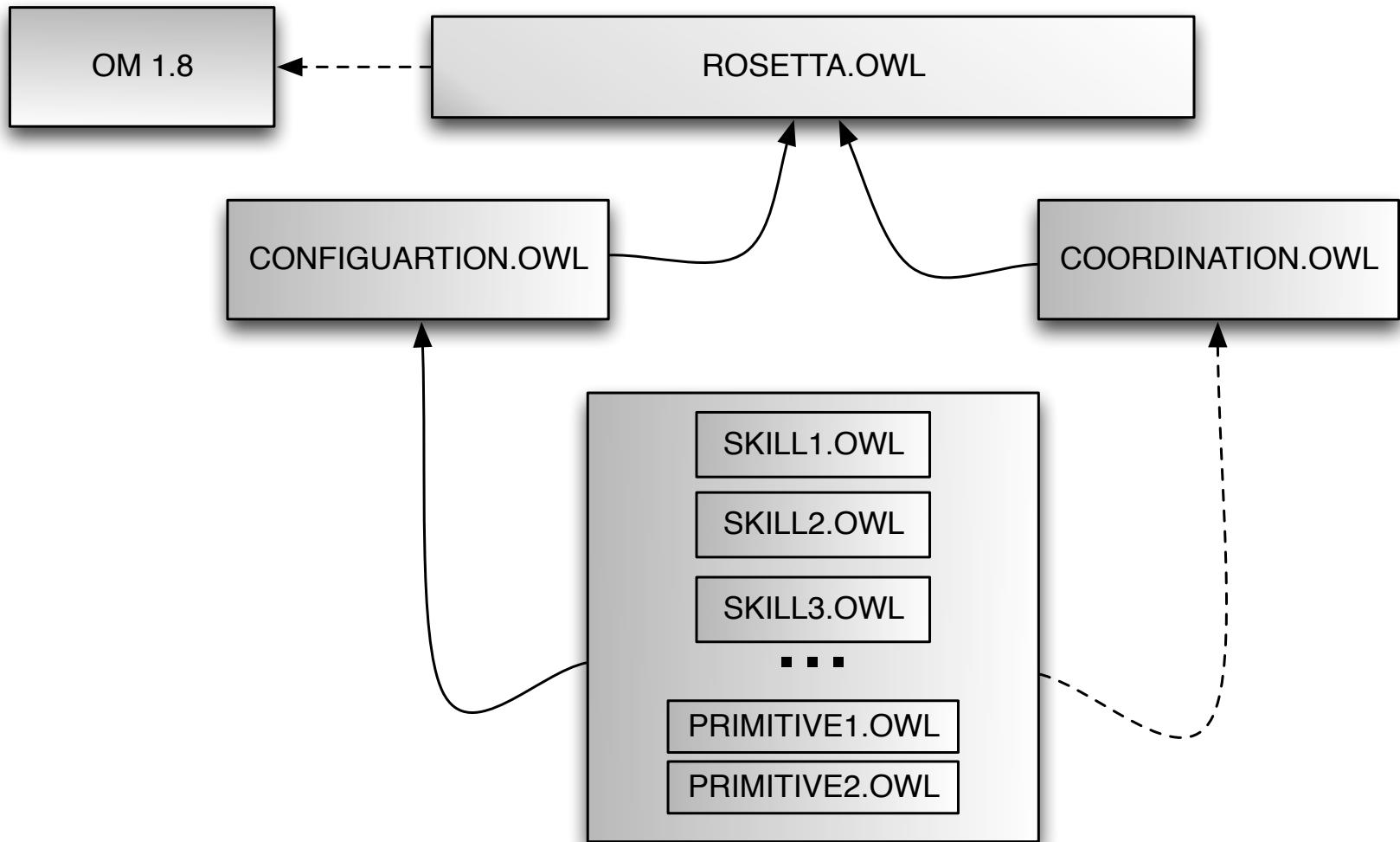
A long-term project

- SIARAS (2005-2008)
- RoSta (2006-2009)
- ROSETTA (2009-2013)
- PRACE (2011-2014)
- **SMErobotics** (2012-2016)
- **SARAFun** (2015-2018)
- ...

What is it?

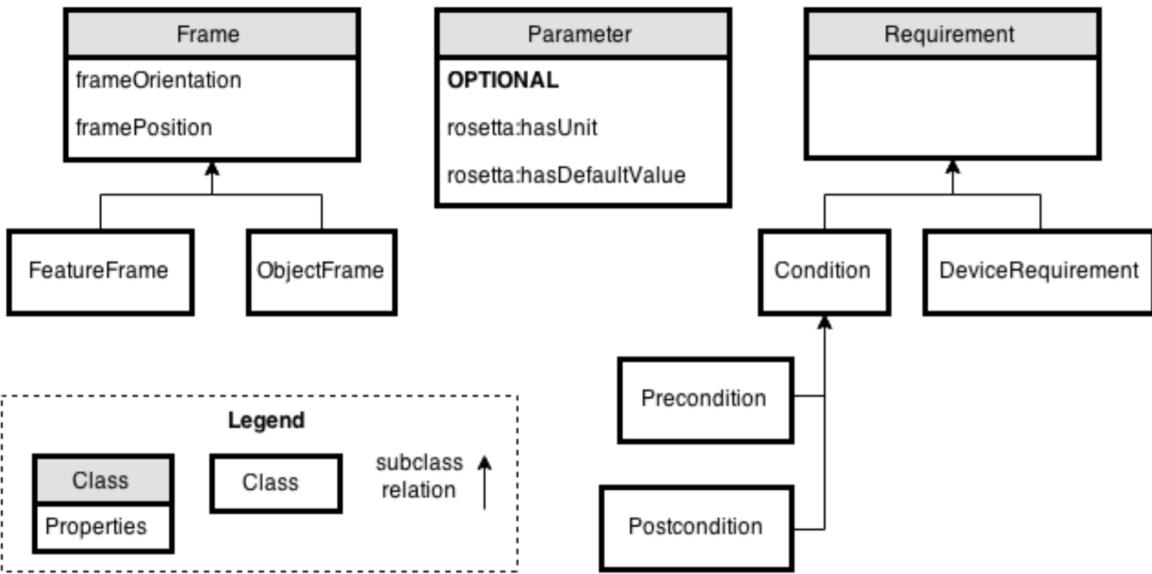
- ontology (actually, ontologies)
 - (CORA)
 - ROSETTA (assembly)
 - coordination
 - configuration
 - (units)
 - skills (meta)
- infrastructure (KIF)
 - knowledge repositories
 - knowledge services
 - experiment data logging

Ontologies

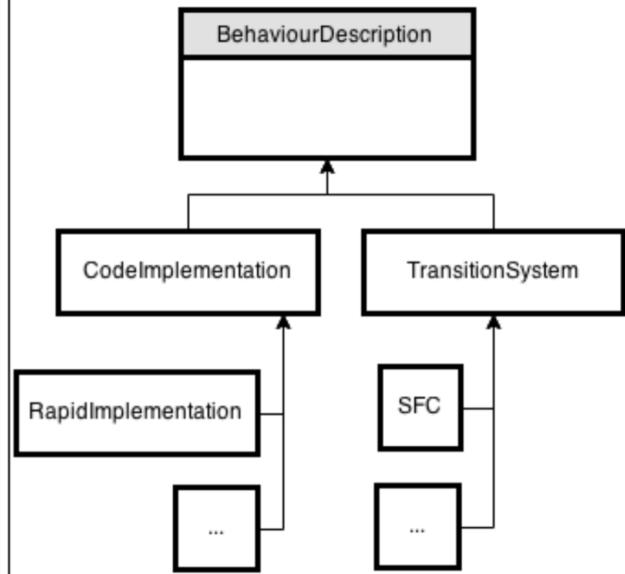


Separation of concern

CONFIGURATION



COORDINATION



Current work

1. Contents
2. Contents
3. Contents
4. ...

Current work

1. FP7 SMErobotics (assembly, woodworking)
2. H2020 SARAFun (assembly)
3. H2020 SARAFun (learning new skills and skill primitives)
4. “Talk to me!” Verbally instructing robots.
5. Documenting, making available



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