

OMG Europe Information Day

Hosted by SLB – Clamart, France – 15 May 2025

(Augmented capture of the concluding brainstorm by Claude Baudoin)

Suggested Activities

- Need to better define the profile of a system engineer
 - INCOSE has done work on this
- Create a smaller working group to define a basic ontology for industrial companies/systems
 - Could find a home in a future version of OMG's Commons Ontology Library
- Capture implicit assumptions
- Define principles for the modeling of system behavior
- Find and distribute a link to an "elevator pitch" for the Unified Architecture Framework (UAF) – and an analysis of how it compares to the Open Group's TOGAF
 - Understand better the relationship between OMG and the Open Group (J.D. Baker of Sparx Systems may be a good resource)
 - Need to position an ontology for products and systems vs. what is in UAF (why, what, how, ...?)
- Ditto with ontology vs. SysML, noting that it is different in SysML v2
- Is there an equivalent for systems design to what has been done for business process mining (extract the process from data such as event logs)?
- How do we pitch ontology to executives?
 - This could be related to competency questions: if we explain what questions the ontology could answer, this could tie to quantifiable business benefits
- What is the role of AI in supporting systems engineering (e.g., to analyze use cases)?
- Reach out to the academic community on ontology and to associations such as the International Association for Ontology and its Applications, IAOA (<https://iaoa.org>)

Feedback about the event

- Attendees appreciated the frank discussion
- It was nice to have participants and presenters who are practitioners
- We should repeat the event
- Attendees are encouraged to come to the OMG Q3 meeting in Leeds, 15-18 Sep. 2025 (ask Mike Bennett, bennett@omg.org, or Claude Baudoin, claud@omg.org, for invitations if not a member)