OBJECT MANAGEMENT GROUP ®

Systems Engineering DSIG

- **Tuesday, March 23, 2021, 1/2 day, 45 attendees**

Highlights from this Meeting:

- **SysML v2 Update – S Friedenthal, E Seidewitz, M Bajaj, Y Bernard**
  - ➢ SysML v2 Stakeholder Review
  - ➢ Language updates (Trade studies, Enumerations, Metadata annotation, Element filtering, Allocation, Accept actions for ports)
  - ➢ API updates (Query, Pagination, Branching, OSLC PSM and Pilot Implementation, Conformance Testing)
  - ➢ Planned revised submission for August, 2021
- **SysML v2 Semantics with a Little Math – Conrad Bock, Ed Seidewitz**
  - – Follow-up from December SE DISG presentations on semantics
  - – Declarative semantics part of SysML v2 foundation
  - – Use to check if real or virtual thing conforms to a model
  - – Based on classification, classifiers and features are types
  - – 'Most of SST semantics is equivalent to OWL'

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- **Highlights from this Meeting (cont.):**

- **Model of Models Methodology – Alec Jackson**
  - ➤ **Goal is to enable enterprise reuse of models**
  - ➤ **Built on top of OOSEM**
  - ➤ **Taxonomies of logical and physical components**
  - ➤ **Physical system composed of physical components that redefine logical components**
  - ➤ **Applied successfully on multiple programs**