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# 04/21/2015 – Initial Meeting

## Attendees

1. Sandy Friedenthal
2. Chas Galey
3. Rick Steiner
4. John Watson

## Meeting Agenda Topics

Discuss “getting started” topics like goals, approach and meeting times.

## Meeting Notes

1. Set up Meeting Times
   1. Meet weekly Tuesday 11 AM to 12 ET, immediately following the Roadmap meeting
   2. **Action** – John will send out meeting notice, we will use Yves’s call-in number and virtual meeting link
   3. The meetings will be scheduled to reoccur weekly for 3 months
2. Group Names
   1. There are two distinct subgroups to develop the Systems Engineering Concept Model (SECM), one associated with the development of the Kernel model and one associated with developing the Domain model
   2. The name of this subgroup will be the “Systems Engineering Concept Model – Domain” or “SECM – Domain”
   3. The other subgroup will be referred to as the “Systems Engineering Concept Model – Kernel” or “SECM – Kernel”
   4. **Action** – Chas will create a diagram (figure) showing the SECM with the Kernel and Domain components.
3. The goals of the SECM-Domain
   1. A goal of this subgroup will be to capture the Systems Engineering Domain concepts
      1. With each of the concepts capture its name, definition and relationships with other concepts. Names may include aliases. In addition, there may be constraints and properties associated with each concept.
      2. This concepts will be captured in a MOF like model that can include metaclasses, meta-attributes, meta-associations, specializations, dependencies, model organization constructs, and comments.
      3. Other metadata for each term should include aliases to these terms used in various methodologies.
   2. The ultimate goal will be to use this contents of the SECM-Domain model to extract requirements for the SysML v2 RFP in a similar way that was done in section 6.5 and Appendix A2 of the original UML for SE RFP for the new SysML RFP.
4. Sources for SE vernacular
   1. As a starting point we will use the set of terms and definitions established in the original “UML for Systems Engineering RFP” that served as the initial requirements for the development of SysML v1.0. This will help us to maintain traceability back to the original requirements.
      1. A partial set of terms and their dependencies are in the RFP in the appendix A-2.
      2. This set of terms were used to establish the vernacular for the RFP document and were used extensively in section 6.5 of the RFP, Mandatory Requirements.
   2. Starting with this set of terms and their definitions, the team will modify, delete, and update concepts and document the rationale.
   3. Other sources will be used to refine and cross check against existing definitions and to draw new SE terms. Some of these sources include:
      1. The original Systems Engineering Conceptual Model
      2. The SE Workflow Use Case Model
      3. Others not mentioned at the meeting but we should discuss include the INCOSE SE Handbook and SEBoK
   4. The organization of terms
      1. The model will differentiate the concepts as core and elaborated.
      2. The core will contain basic SE terminology
      3. The elaborated will contain terminology associated with additional detail that may be used to help elaborate the core concept.
      4. For example, the core may contain the term “risk” and the elaborated may include concepts for probability of occurrence and potential impact.
      5. Some core concepts such as hazard may be included to provide a stub for further elaboration of specialty domain concepts
      6. It is anticipated the core concepts will be used as key requirements in the SysML v2 RFP.
      7. Rick suggested establishing a criteria for selecting terms to be identified as core or elaborated.
5. Roadmap Wiki Updates
   1. From the System Modeling Assessment and Roadmap wiki there is an existing link to another page called [Systems Engineering Concept Model Workgroup](http://www.omgwiki.org/OMGSysML/doku.php?id=sysml-roadmap:systems_engineering_concept_model_workgroup).
   2. On this wiki page create two sections, one called the “System Engineering Concept Model – Domain” and the other “System Engineering Concept Model – Kernel”.
   3. **Action** – Rick will do this wiki update
6. Issue tracking.
   1. The issues will be tracked.
   2. **Action**- Chas to coordinate setting up a JIRA project for the SECM

# 04/28/2015 Meeting

## Attendees

1. Yves Bernard
2. Sandy Friedenthal
3. Chas Galey
4. Rick Steiner
5. John Watson

## Meeting Agenda Topics

1. Review actions in previous meeting notes
2. Discuss other potential sources for SE terminology
3. Etc.

# XX/XX/2015Meeting Notes Template

## Attendees

1. Yves Bernard
2. Sandy Friedenthal
3. Chas Galey
4. Rick Steiner
5. John Watson

## Meeting Agenda Topics

## Meeting Notes