

Industry Council PTAB
System Level Design Committee
Requirements Capture
Working Group
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Agenda / Outline / Focus Areas

- **Review Agenda**
 - Identify/Confirm Outcome Areas
- **Focus Areas**
 - Requirements - Identify All Types
 - Identify Associated Mechanisms/Attributes
 - Requirements - Gathering (Process)
 - Requirements - Role in SLD Process
 - Requirements - Downstream
 - Decomposition, Allocation, Tracking
 - Binding, Don't Care,
 - ... Others?
- **Plan, Milestones, Resource, Roadmap,**
 - Scope, Challenges, ...

Requirements - Role in Product Process
- Local -

- From 'IDEF0': 'ICOM'

Requirements - Role in Product Process
- Global -

- Each Step Gets Inputs, Has Outputs
 - Some are Requirements

Requirements - Types/Classes

- **Definition/Scope:** All Knowledge that drives, controls product Realization/use
 - Definition, Interface, Instance, Occurrence, abstraction,
 - Constraints, Conditions, Requirements, Specification, Assertions, Context, Intent,
 - Structure - Topology, Hierarchy, Netlist,
 - Behavior
 - Physical
 - Environment
 - "...ilities" - Reliability, Quality,
 - Performance
 - Temporal
 - Use/Reuse
 - Cost, Business,
 -

Mechanisms/Attributes

- Semantics,
- Decomposition, Allocation, Partitioning, Tracking,
- Primary, Derived, Map, Association, Relationship, Incremental,
- Decision, Care/Don't Care, Binding
- Granularity, Template, Macro, Model, View, Style, Policy, Category, Set, Collection,
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Requirements - Gathering (Process)

Requirements - Role in SLD Process

Requirements - Downstream

- Decomposition
- Allocation
- Tracking
 - Binding, Don't Care,
 - ... Others?

Requirements - Plan

- Plan, Milestones, Timeline
- Resource
- Scope, Approach, Rationale

- **Coordination**
- **Roadmap Contribution/Editing**
- **Risks / Challenges**