



Tools and Data Subcommittee Outbrief

Standards as Digital Data

- Standards as Digital Data Taxonomy development
 - Gave presentation on current status
 - Discussed ongoing relevance of the ontology
 - Discussed issues in obtaining taxonomy info from industry
 - Discussed developments since project initiation
 - Determined events had overtake the need
 - Decided to suspend the SDD project

Opportunity Evaluation: PMP Wizard

- Discussed:
 - Relationship among the many standards, guides, documents
 - MIL-STD-11991A Department of Defense Standard Practice, General Standard for Parts, Materials, and Processes
 - Includes hundreds of government standards from DOD, DLA, NASA
 - References hundreds of standards from ASTM, ASME, AIA, IPC, JEDEC, SAE...
 - MIL STD 3018
 - AIAA-R-100
 - AS5553
 - EIA-STD-4899
 - GEIA-STD-0005-1
 - SD-22 - DMSMS
 - SD-19 - Parts Mgt Guide
 - DID number DI-SDMP-81748 Parts Management Plan
 - CDRL (DD Form 1423)
 - SAE 0016 Standard for Preparing a DMSMS Management Plan
 - IEC 62402

Opportunity Evaluation: PMP Wizard

- Discussion:
 - Ability of SWISS architecture to support a ‘wizard’ that assists in PMP development
- Next steps:
 - Assess the need and capability (white paper)
 - Understand the current situation—the ‘hairball’
 - Is a tool like this useful ? What would it have to do?
 - Articulate the workflow to develop a complete and compliant PMP
 - Circulate the white paper among PSMC for review

Common Parts Catalog

- Discussed CPC
- SWISS demo to CPC
 - Potential value to CPC community
 - Value of common ontology (standards as digital data)
 - Agreed that CPC members would collaborate with XSB and PSMC

Demonstration of Boeing Wizard

- PSDS product standards data system
- Scenario: Manufacturing planners use to develop work instructions for shop floor
- Showed that a process that is comparable in complexity to PMP development can be supported by a wizard.