“Issues 4.1 and 4.2”

S1000D User Forum 2013
Vienna, 2013-09-16/19

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Agenda

- Issue 4.1
- Issue 4.2
All those “alts”

- Provides for alternate content (an internal “container”)
- Harmonized with Common Information Repository (\texttt{<zoneAlts>} in \texttt{<zoneRepository>})
All those “alts”
• Prior to 4.1, service bulletins were created by:
  – Using descriptive data modules to capture the content
  – Using publication modules to reference the descriptive data modules to create the Service Bulletin Publication
Service Bulletin – Issue 4.1

- Dedicated Schema for service bulletin
- All branches necessary to create a service bulletin
Illustrated Parts Data (IPD)

- Restructured to mirror the part segment of the Common Information Repository (CIR)
- Modified schema so it can be used by non-S2000M projects without impacting S2000M projects
- Other impacts
  - A general cleanup of the S1000D Schemas caused some changes to the IPD and parts repository
  - Some element names changed to more accurately reflect the contents
- Results
  - Does not disrupt S2000M projects
  - Remains consistent with the other S1000D Schemas
  - Enhances the Part CIR
  - Allows exchange of data elements for parts when using the IPD without the Part CIR
Common Information Repository (CIR)

- Pre Issue 4.1 this was the Technical Information Repository (TIR)
- Issue 4.1 added (see below), hence the new name
- CIR data modules have a dedicated Schema: comrep.xsd
- Each CIR data module can have an introductory text (CPF 2009-045US)
- New consistent approach on associated illustrations and multimedia files
- There is one CIR data module per CIR type (with dedicated information code)
- New CIR types
  - Externalized applicability annotations
  - Warnings
  - Cautions
CIR

commonRepository

commonInfo

figureElemGroup

0..∞

multimediaElemGroup

0..∞

attributes

NEW

functionalItemRepository

NEW

circuitBreakerRepository

demRepository

demRepository

zoneRepository

accessPointRepository

toolRepository

enterpriseRepository

supplyRepository

currentSourceRepository

warningRepository

cautionsRepository
Incremental update

• Goals
  – Avoid data redundancy
  – Avoid exchanging data that has not changed since previous release

• Only impacts common information repository

• Rules
  – Each fragment must not have sequential relationship with the rest of the DM (Schema constraint)
  – Each fragment must have an identifier that is persistent over the time
Incremental update

General information about the Update Data File

Information about the status of next version of Data Module.

Information about the status of Update Data File
This schema consists of a list of updated elements, sorted by class of update.

Content with four branches:

- New fragments to be inserted
- Revised fragments to be replaced
- Deleted fragments to be deleted
- Old fragments to be reinstated
Front matter (Carl’s favorite)

• Pre Issue 4.1
  – Descript data modules
  – Publication modules

• In Issue 4.1
  – Standardized in CSDB
  – Dedicated Schema for front matter consisting of:
    • Metadata section
    • Content section
Front matter

• Three major components
  – Title page
  – Table of contents
  – Front matter lists
    • List of effective pages
    • List of effective data modules
    • Highlights
SCORM

- Further harmonization
- New Schema for Shareable Content Objects (SCO) data modules
- “Assessment” branch of the learning Schema enhanced
Issue 4.2

- Currently reviewing CPFs
- Identifying those that meet the criteria for inclusion in Issue 4.2
- Doesn’t mean that they will definitely be included in Issue 4.2 (integrated into planning for future issue)

- CPF Packaging
  - Previously, reviewed CPFs as “stand alone”
  - New review process
    - Arrange CPFs into packages
    - SC review the CPFs within their package
Example packages

- Status as of pre User Forum 2013
- 31 CPFs meet the criteria for Issue 4.2
- Number of packages - 8
  - Single CPFs (4 CPFs)
  - CIR (4 CPFs)
  - Clean up (2 CPFs)
  - IG&BRTT (5 CPFs)
  - Layout (2 CPFs)
  - MTDTT (3 CPFs)
  - Schema specific (9 CPFs)
  - SNS & IC (2 CPFs)
Example packages content

- **CIR CPFs**
  - 2012-024AA  Specific sourcing
  - 2012-016AA  CIR FIN - Grounding type
  - 2012-015AA  CIR FIN - FLS properties
  - 2012-010FR  Element <name> under <circuitBreakerDescr>

- **Clean up CPF**
  - 2011-038AA  Harmonization of Titles, W&Cs with other Standards

- **Front matter CPF**
  - 2012-025EPWG  Make FM title page product illustration multiple

- **IG&BRTT CPFs**
  - 2012-009IGBRTT  Replace BREX snsCode
  - 2009-134IGBRTT  BR Identification
  - 2009-133IGBRTT  BR-Markup
  - 2009-156IGBRTT  BREX allowable notations
  - 2009-122IGBRTT  BR-Publications

- **Layout CPFs**
  - 2013-017NN  Update Chap 6.2.3.3 Layout Procedure
  - 2013-014NN  Update Chap 6.2.3.5 Layout IPD
CPF cut-off date

- SC will not consider any CPFs for inclusion into Issue 4.2, after 2013-09-15

- Too late!!
Issue 4.2 release date

December 2014