



“Issues 4.1 and 4.2”

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

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Agenda

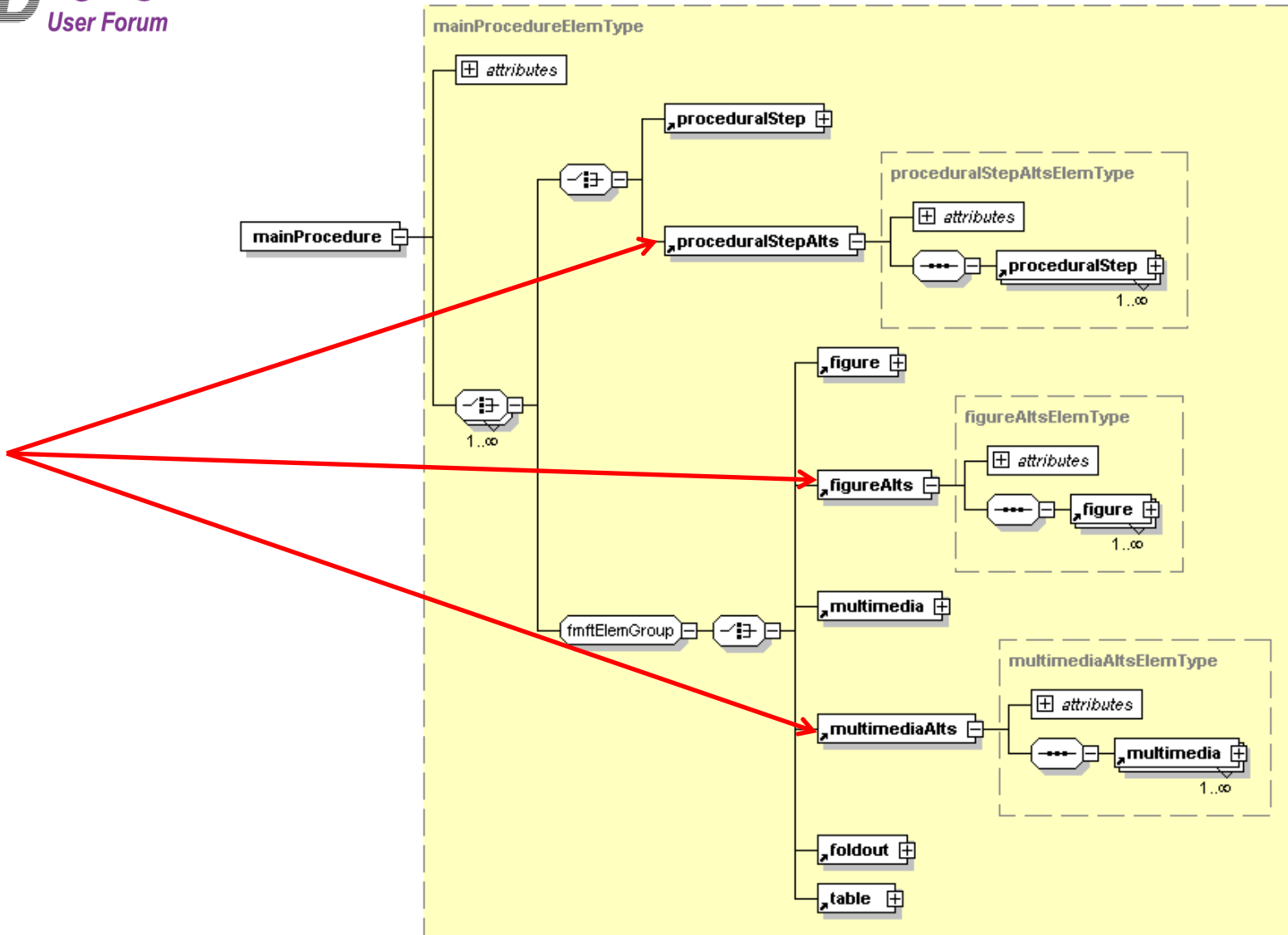
Issue 4.1

Issue 4.2

All those “alts”

- Provides for alternate content (an internal “container”)
- Harmonized with Common Information Repository (<zoneAlts> in <zoneRepository>)

All those "alts"

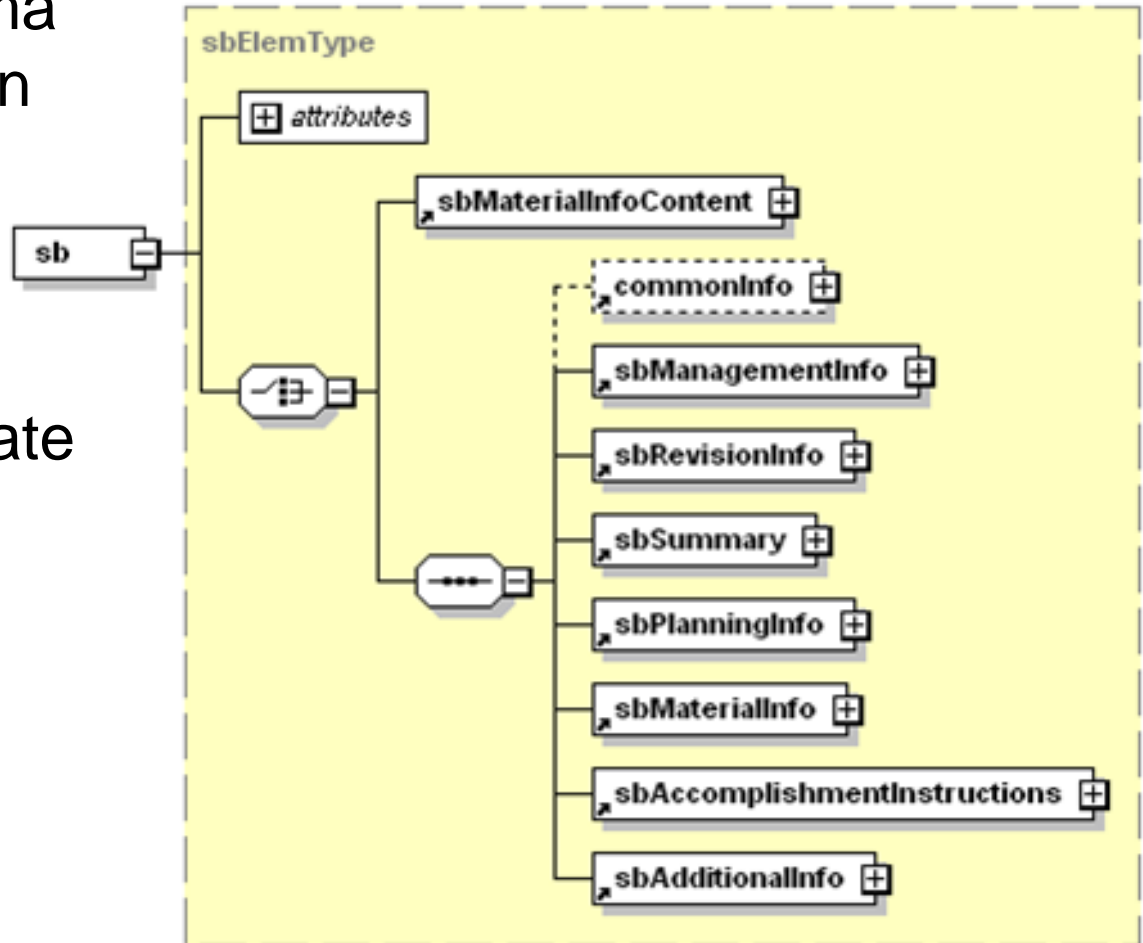


Service Bulletin – Pre Issue 4.1

- 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



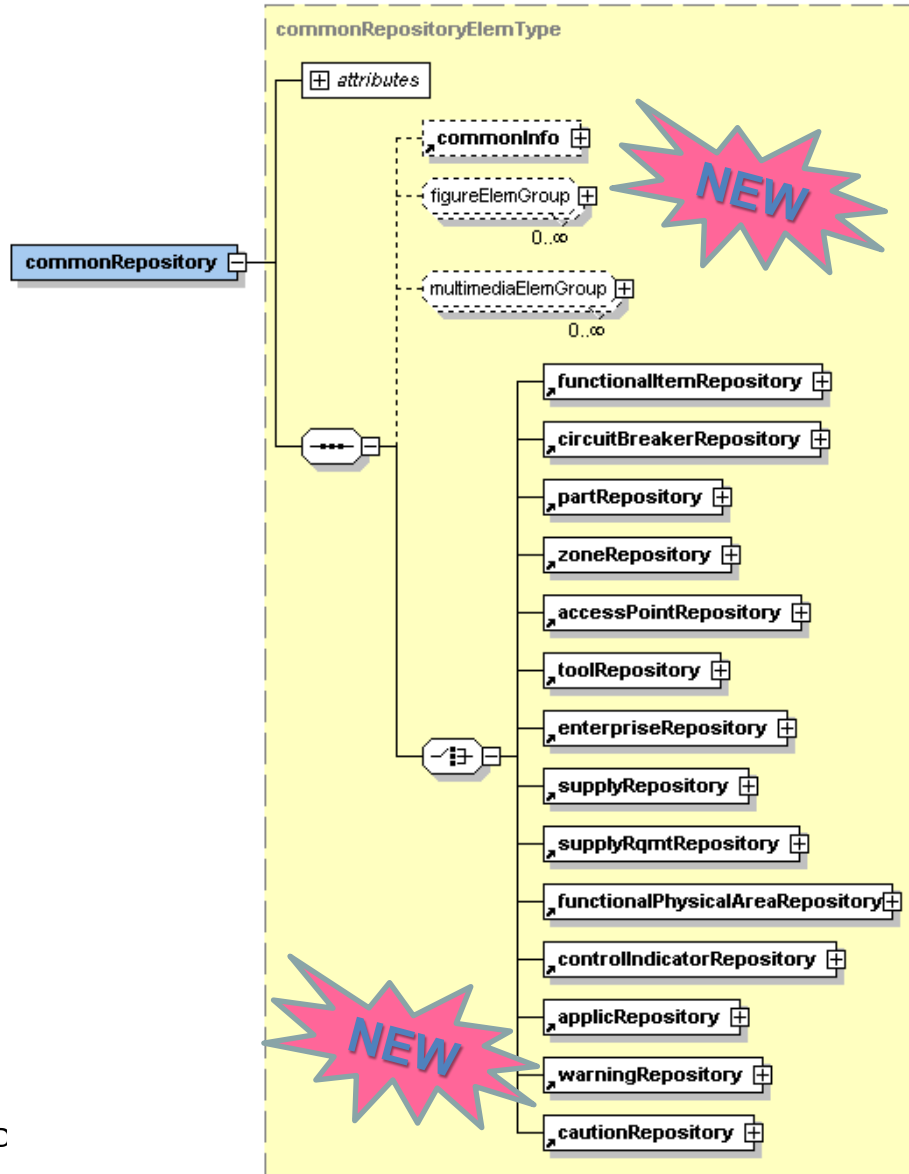
Illustrated Parts Data (IPD)

- 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

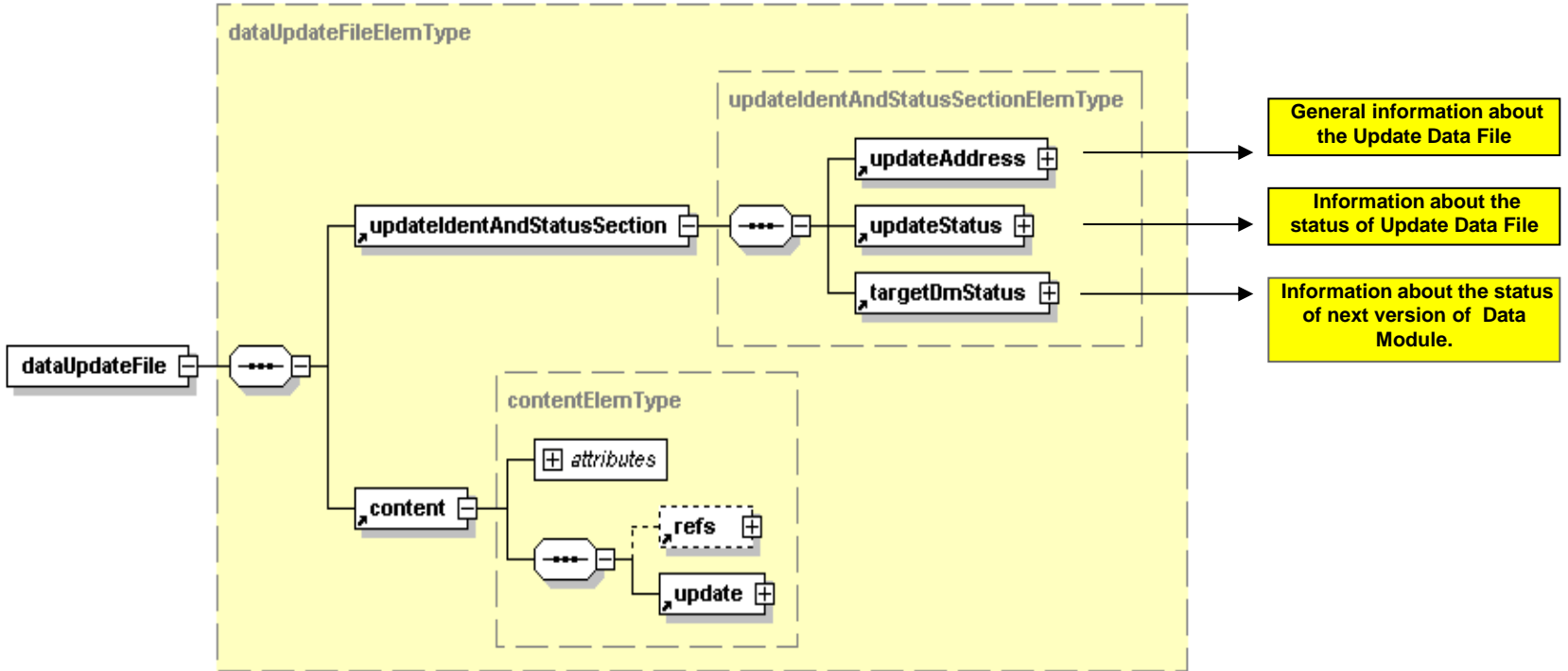
CIR



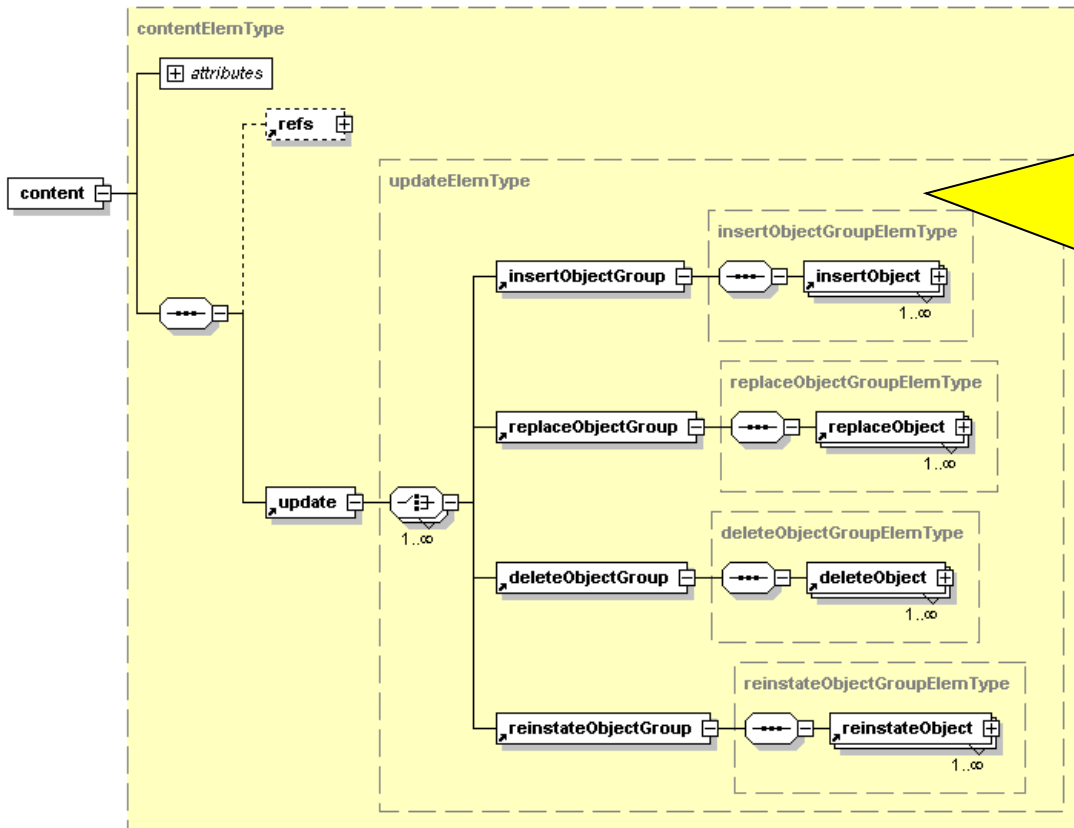
Incremental update

- **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



Incremental update



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**

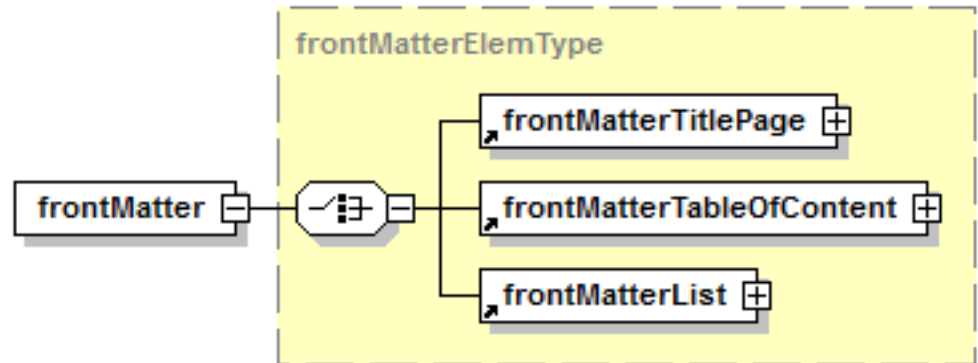
Front matter (Carl's favorite)

- 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

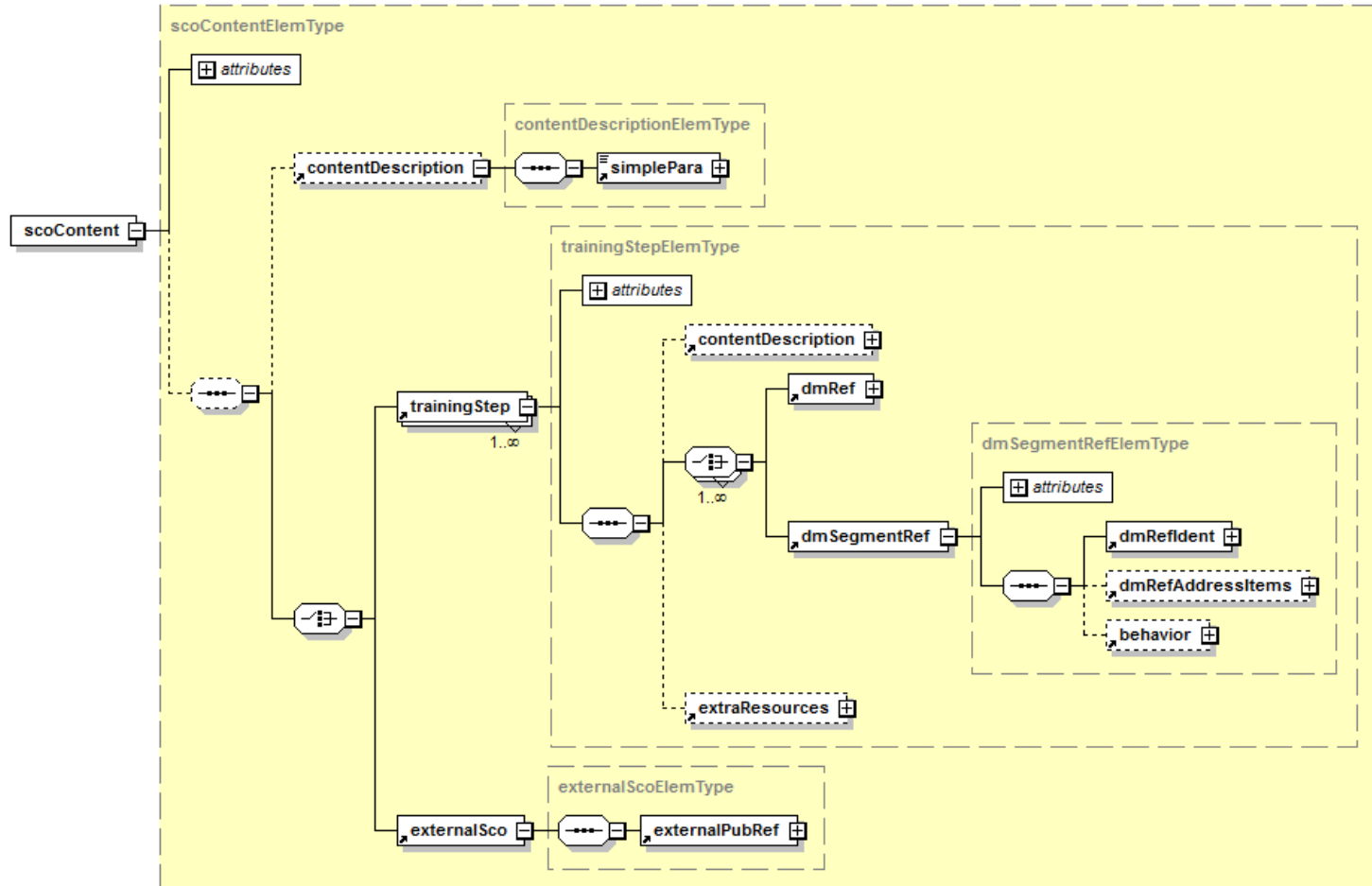
- Three major components
 - Title page
 - Table of contents
 - Front matter lists
 - List of effective pages
 - List of effective data modules
 - Highlights



SCORM

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

SCORM



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

