

ATA e-Business Forum and S1000D User Forum

“Effective Information Sharing Through World-Wide Collaboration”

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AeroSpace and Defence
Industries Association of Europe



AEROSPACE INDUSTRIES
ASSOCIATION



Air Transport Association



Introduction



- Brief look at some of the major changes
 - Admin stuff
 - Learning
 - US
 - Civil Air Working Group (CAWG)
 - Long time coming



Admin



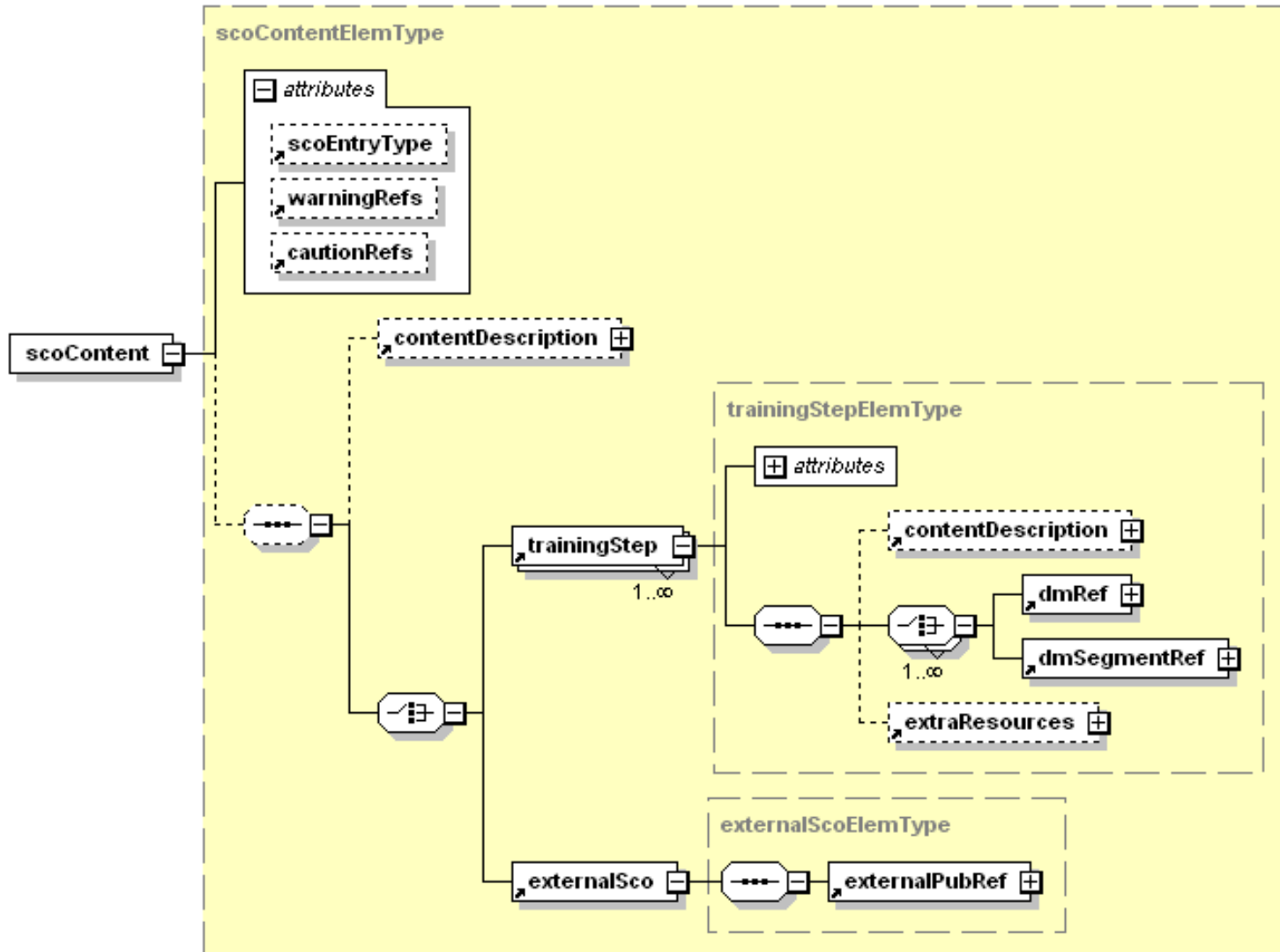
- Roadmap
 - Generic IPD
 - Service Bulletin
 - Component maintenance manual
 - Front matter
- Business rule decision points
 - Moving them from the catch all “Para 3” to the place in Para 2 where they are in context
 - Easier to read
 - Less referencing
 - Assists with Business Rule Index

- Splitting some of the chapters into smaller subchapters:
 - Chapters split for readability
 - 3.4
 - 3.9.3
 - 3.9.5.2.10
 - 4.10
 - 4.13
 - 6.2.2
 - 7.4.1.1
 - 7.6.1
 - 9.2
 - Chapters split for emphasis
 - 1.4
 - 3.9.3
 - Chapters split because some parts will never change again
 - 7.3.1.1
 - 7.3.1.4

Learning

- SCO Content data module
 - New schema
 - Data module type
 - Describes and lists content by training step
 - Lists any extra resources required for a training step
 - Identifies any external non-S1000D data required
- Can be considered the equivalent of a SCO

SCO Content data module Schema





Learning



- Aligned Human performance and training codes with the content of the learning data module
- Improvements to the SCORM Content Package module make it the equivalent of the SCORM manifest

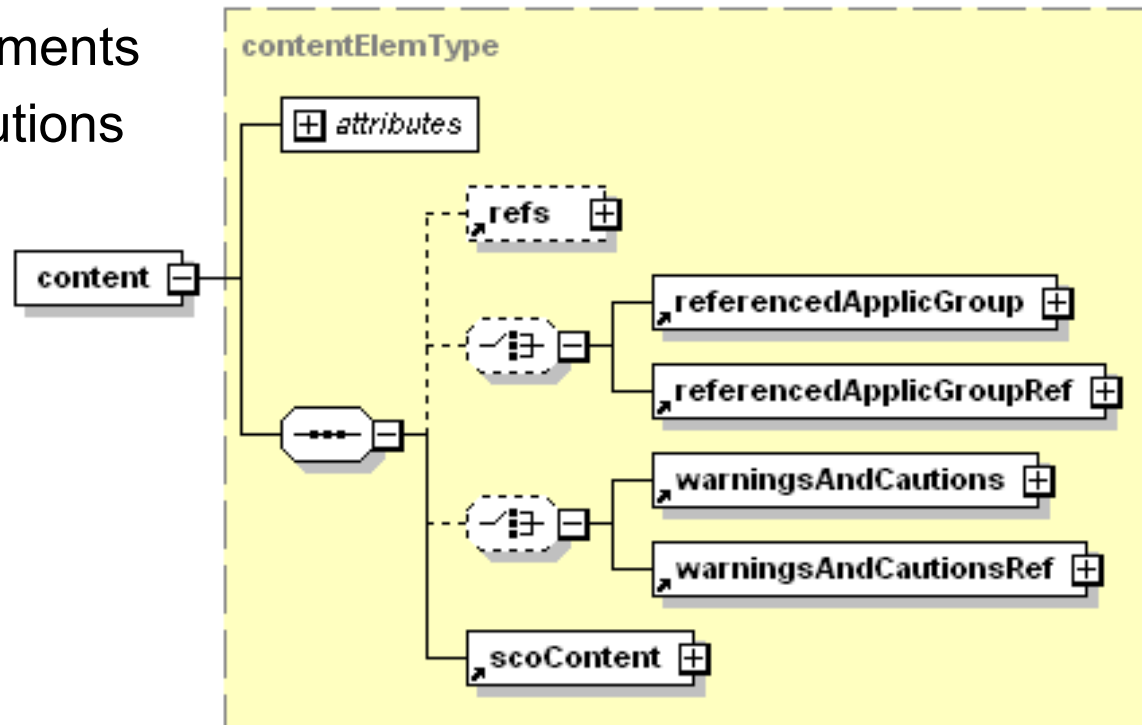


From the US

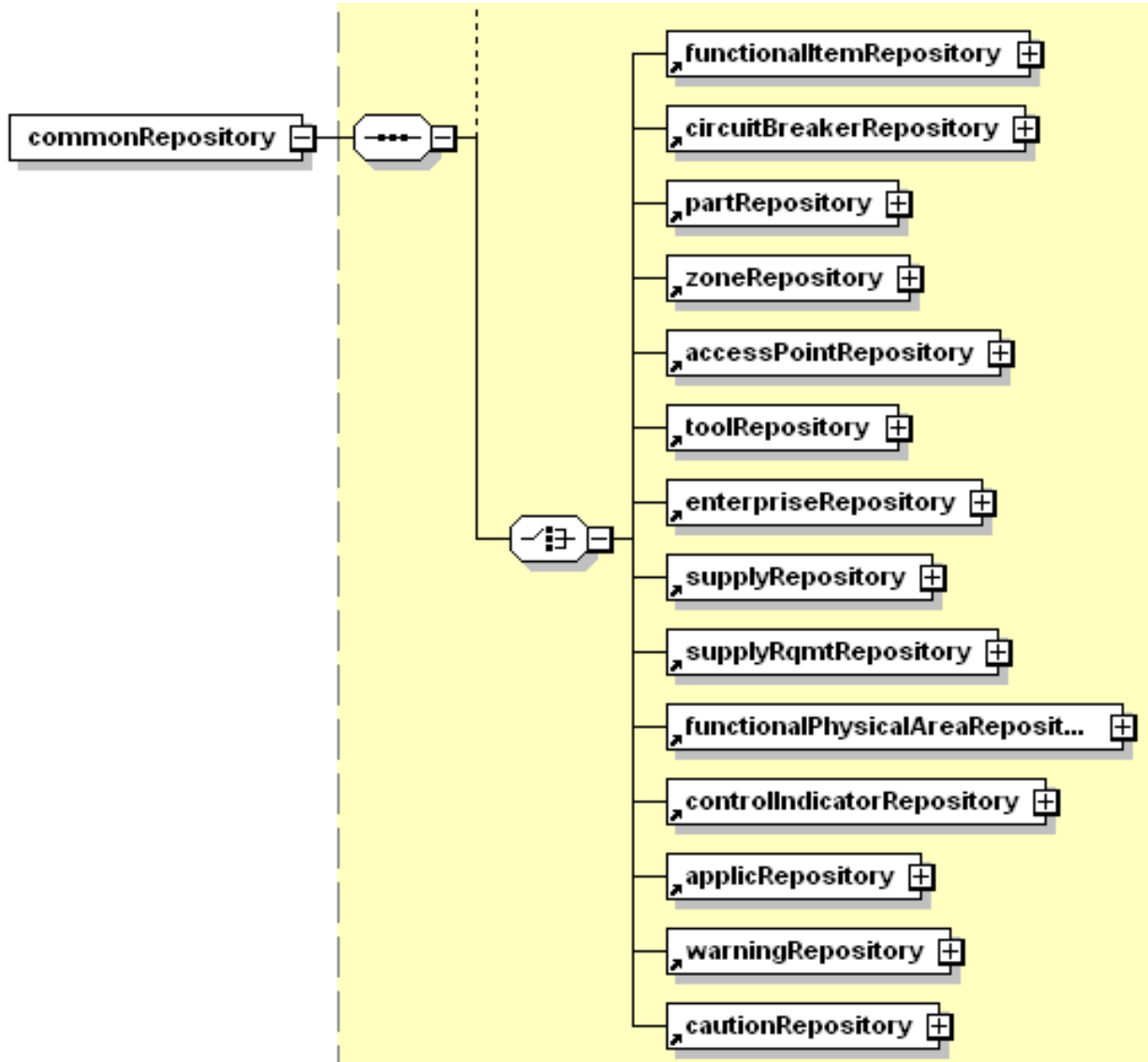


- NAVSEA:
 - NAVSEA Information Codes
- SPAWAR
 - New range of computers/computing/data information codes
- Other
 - Process data module changes
 - Controls and indicators technical repository
 - BREX reference on all objects
 - Alternate PM numbers
 - Targeted descriptive data modules
 - Applicability

- Further extension of the Technical Information Repository
- Now called **Common** Information Repository because now also includes:
 - Applicability statements
 - Warnings and cautions



CAWG – CIR Schema





CAWG



Component Maintenance Manual & Generic IPD

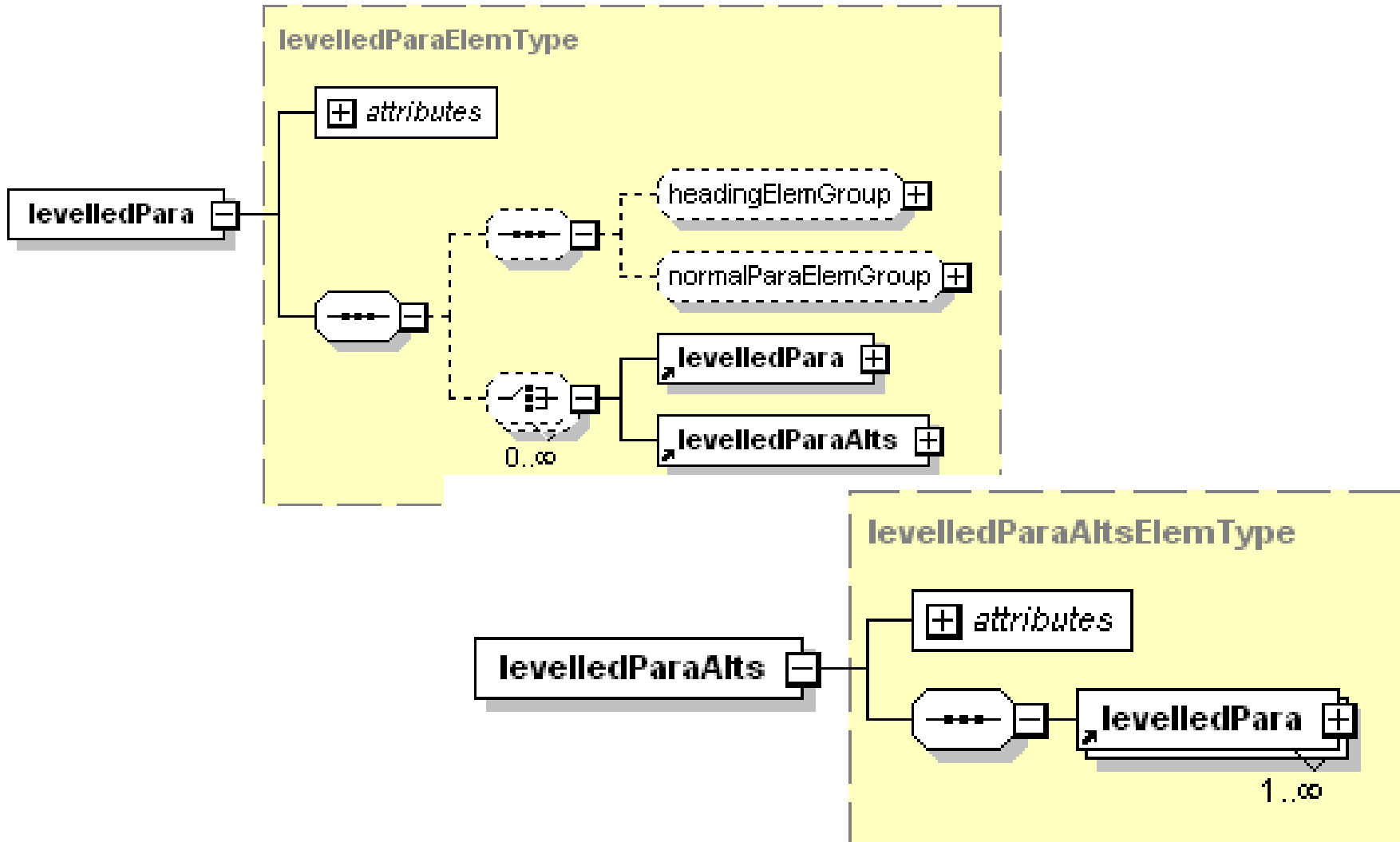
- Generic IPD
 - Enhancements on IPD schema
 - Links to Common Information Repository
- Component Maintenance Manual
 - Chapter work
 - Much more detail
 - Much more clarity
 - Much more guidance

Container alternates within a data module

- Original container alternate principle
 - New schema
 - Contained 1 or more <dmRefs> (original ref doesn't change if one of the target <dmRef>'s changes)
- Now include alternates on:

Procedural steps	Levelled paragraphs
Figures	Multimedia
Common info	dmNodes, Dialogs, Messages
Fault isolation (procedures and steps)	Fault reporting (isolated, detected, observed and correlated)
Maintenance planning (task definition)	Wire, harness, electrical equipment
Functional Item identifiers	Circuit breakers, zones, access, tools, supply requirements

Container alternates within a data module



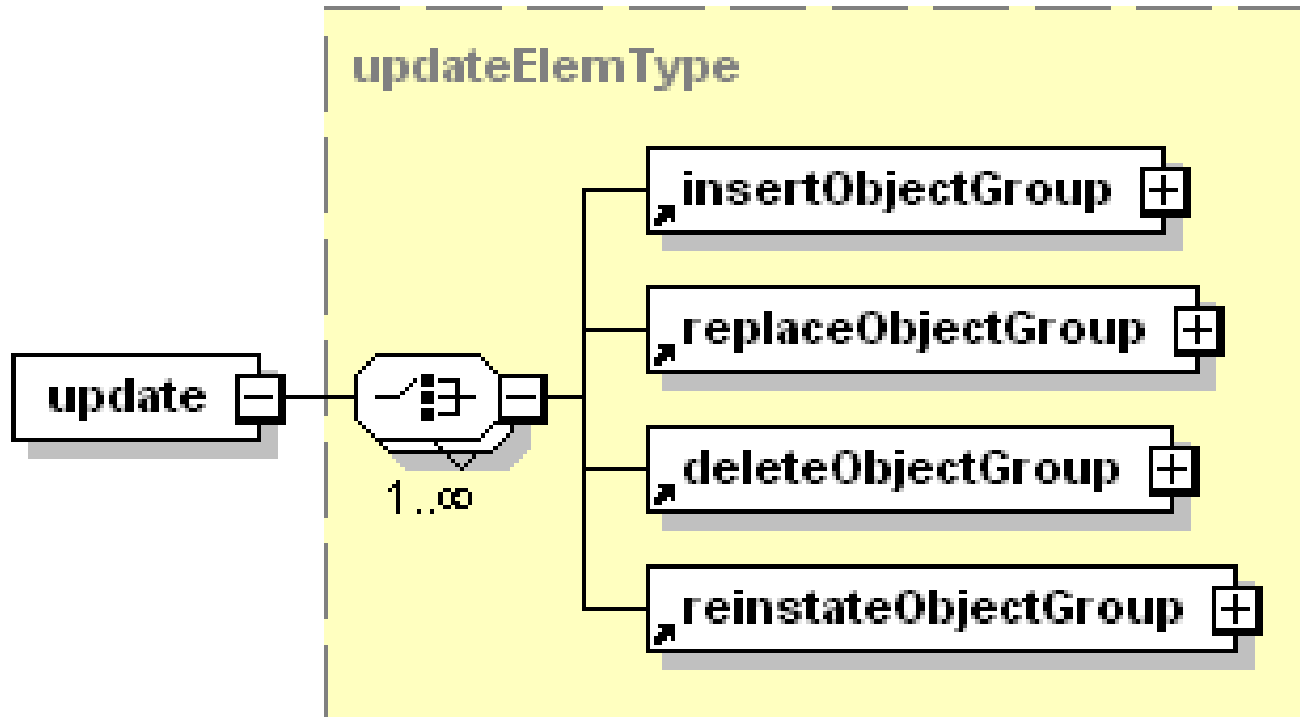


CAWG – Incremental update



- New schema
- Civil Air have potentially huge CIR data modules
 - Takes time for on-line uploading
 - Takes time for uploading to an aircraft
- Tells you
 - Which file is updated
 - Whether (between two issues of a data module)
 - Added
 - Modified
 - Deleted
 - reinstated

Incremental Update Schema



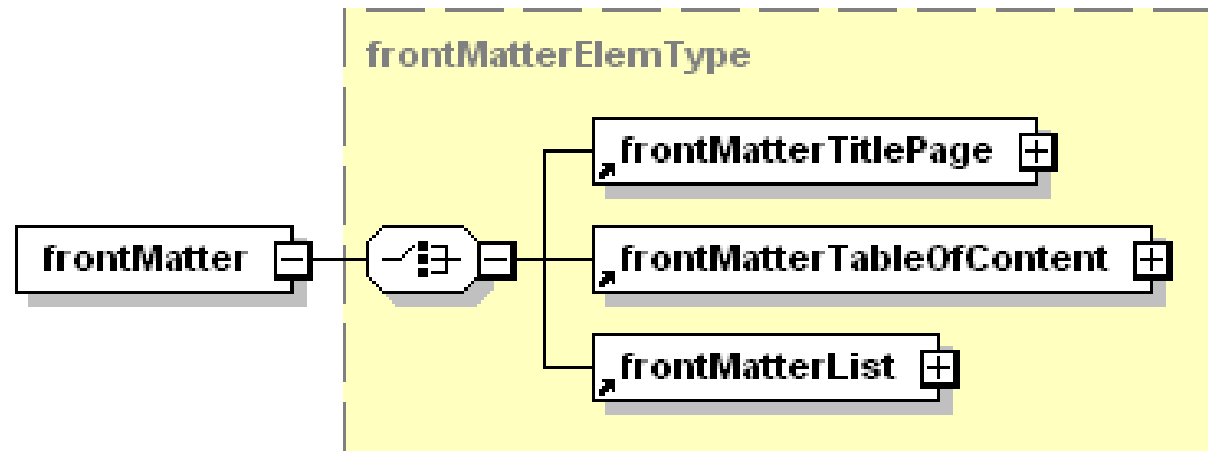


Long time coming



- **Business Rules Index:**
 - New chapter (Chap 2.5.3)
 - Lists all the BRDPs and provides a link to the information associated with the decision point
 - Great for developing national, service and project business rules
- **Conformance and Compliance**
 - What do you need to conform to and be compliant with S1000D
 - Contracting
 - Modularization

- Front Matter
 - New schema
 - Deals with:
 - Title Page
 - TOCs
 - List



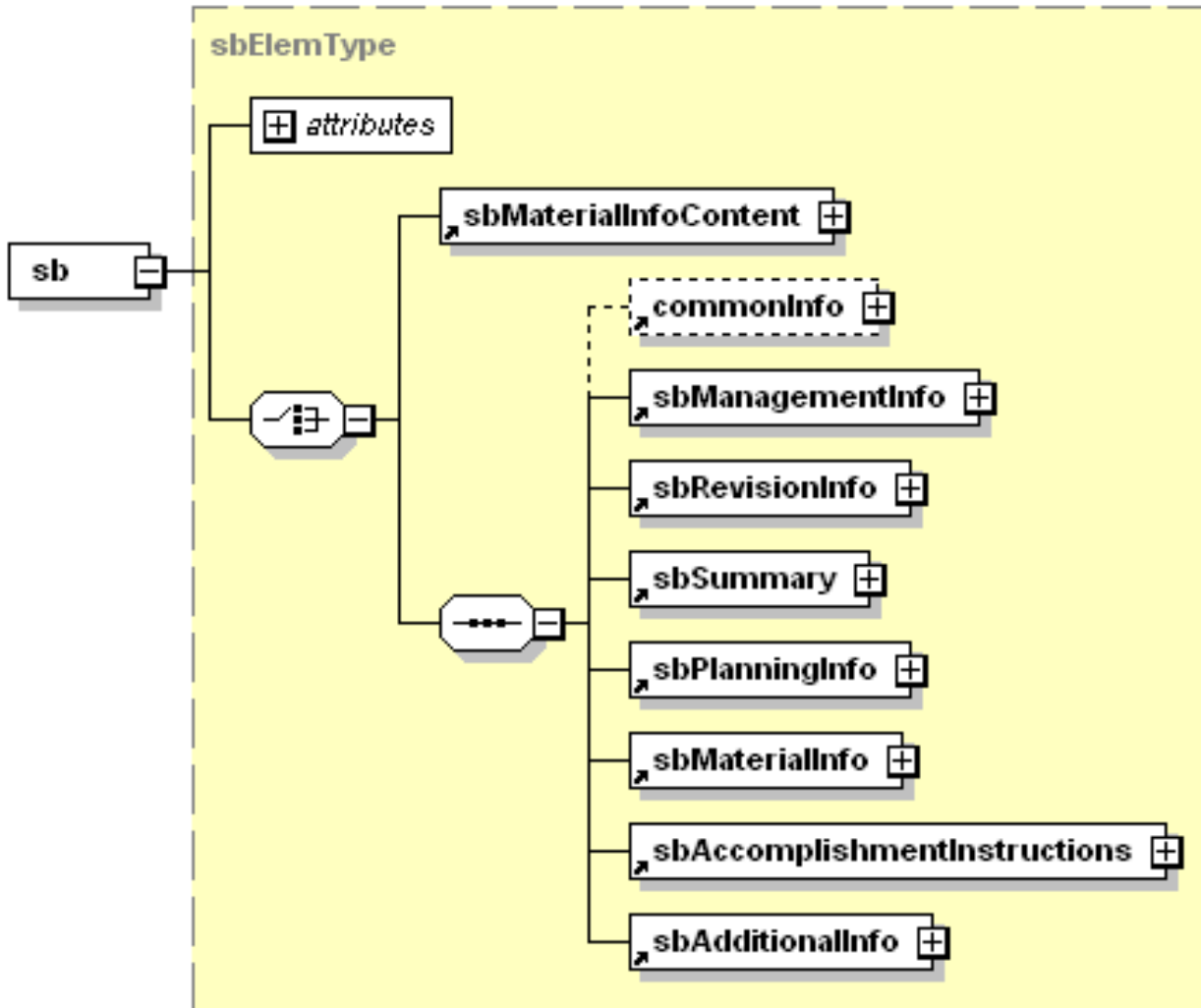


Long time coming



- Service Bulletin (from the CAWG)
 - New schema
 - Deals with
 - Material info content
 - Management information
 - Revision information
 - Summary information
 - Planning information
 - Material information
 - Accomplishment instructions
 - Additional information

Service Bulletin Schema





Questions