

S1000D


ATA e-BUSINESS PROGRAM


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Industries Association of Europe

What will be in Issue 4.1

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Top “5” changes that went into S1000D Issue 4.1

What it is

What it does

What we did

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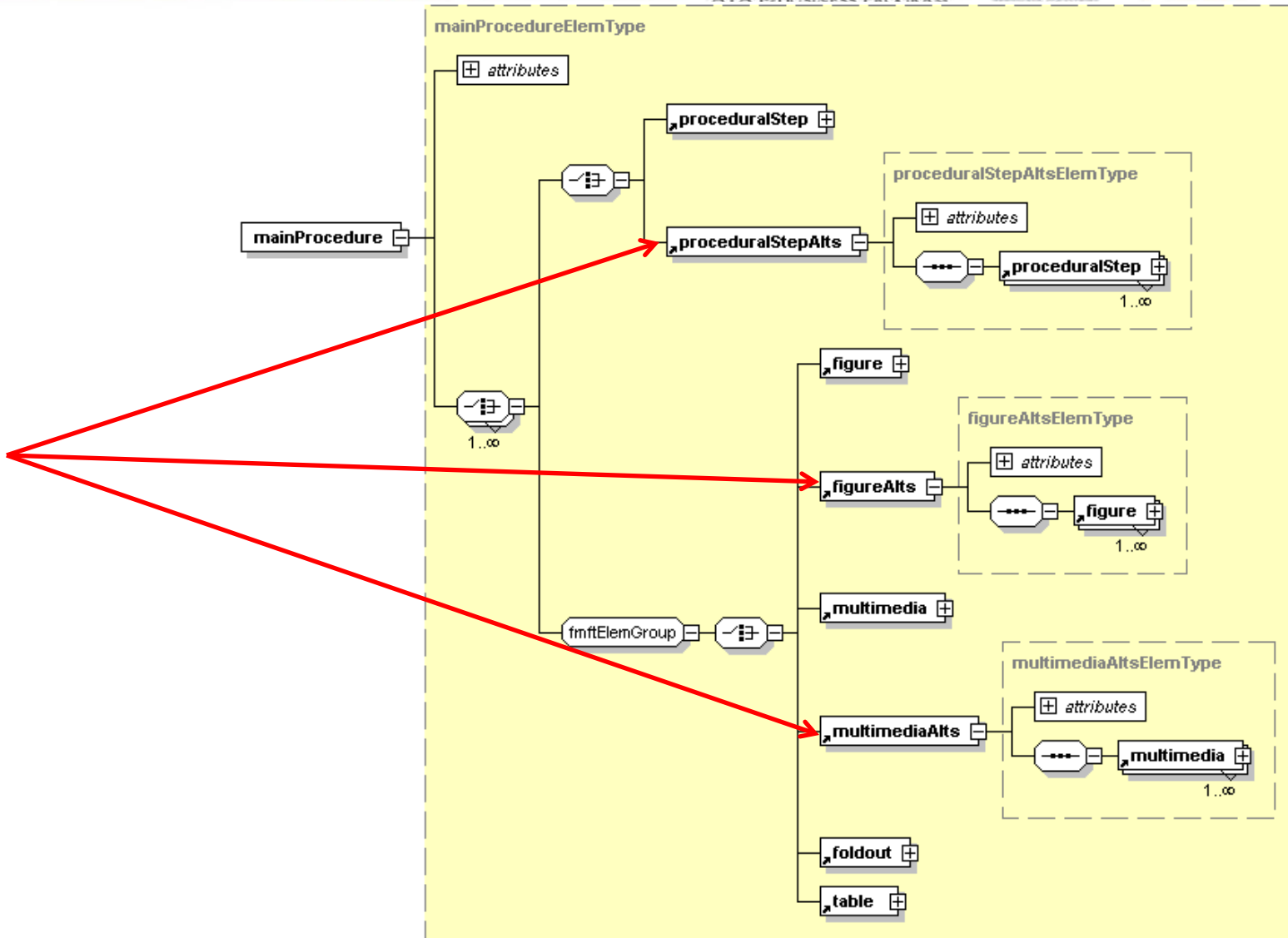

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Number 5

All those “alts”

All those “alts”

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



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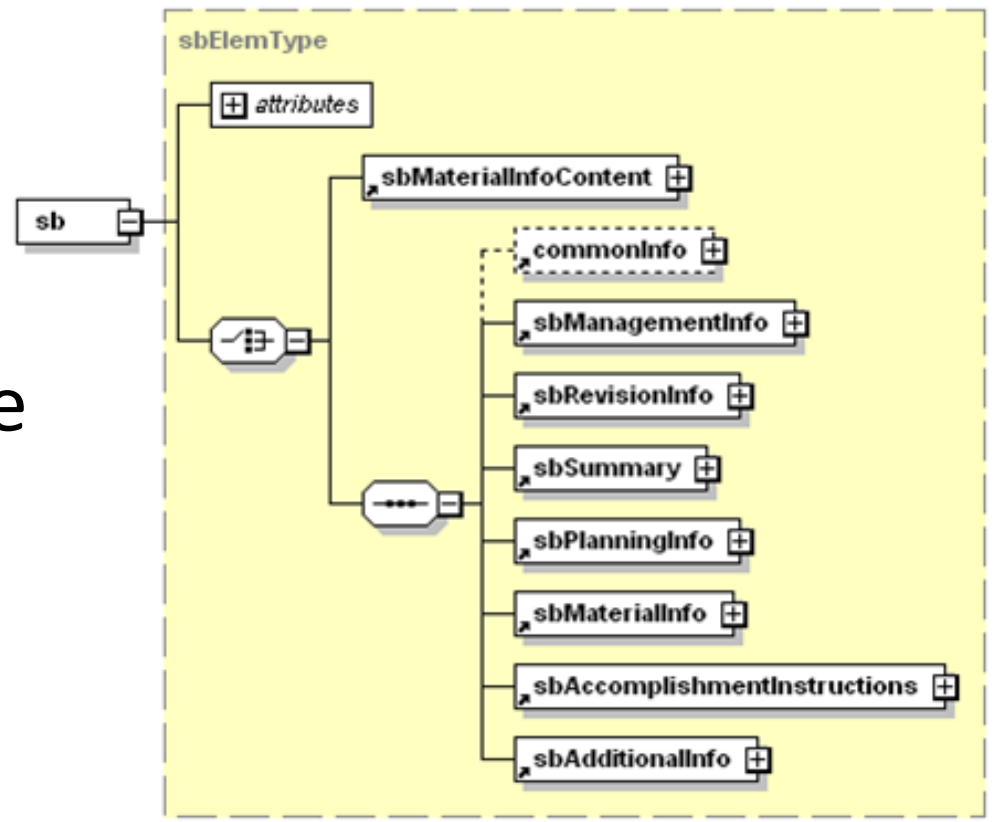
Number 4 Service Bulletin

Service Bulletin – Prior to 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



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Number 3

Illustrated Parts Data

Illustrated Parts Data (IPD)

- Restructured to mirror the part segment of the Common Information Repository (CIR)
 - Harmonized the element names and structures between the part repository and the IPD
 - Regrouped items in a logical fashion
- Modified schema so it can be used by non-S2000M projects without impacting S2000M projects
 - Removed incompatibilities and mandatory requirements for S2000M specific data that other industries do not have
 - Enhanced IPD structures to support Civil Aviation and other industries that do not have S2000M projects

Illustrated Parts Data (IPD)

- 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

Illustrated Parts Data (IPD)

- 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

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Number 2

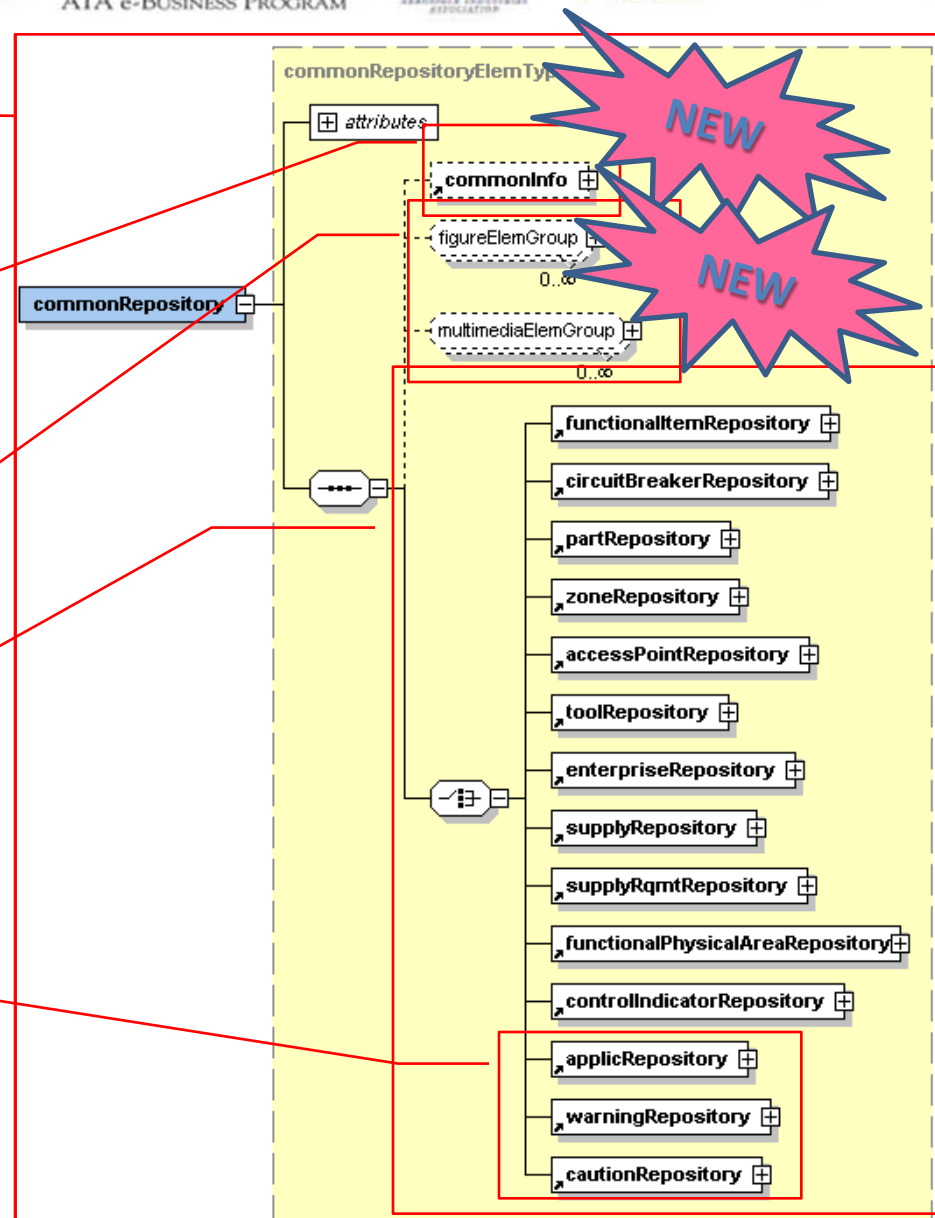
Common Information Repository (CIR) and Incremental Update

CIR

- 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).

3 new CIR types are introduced for 4.1:

- Externalized applicability annotations
- Warnings
- Cautions

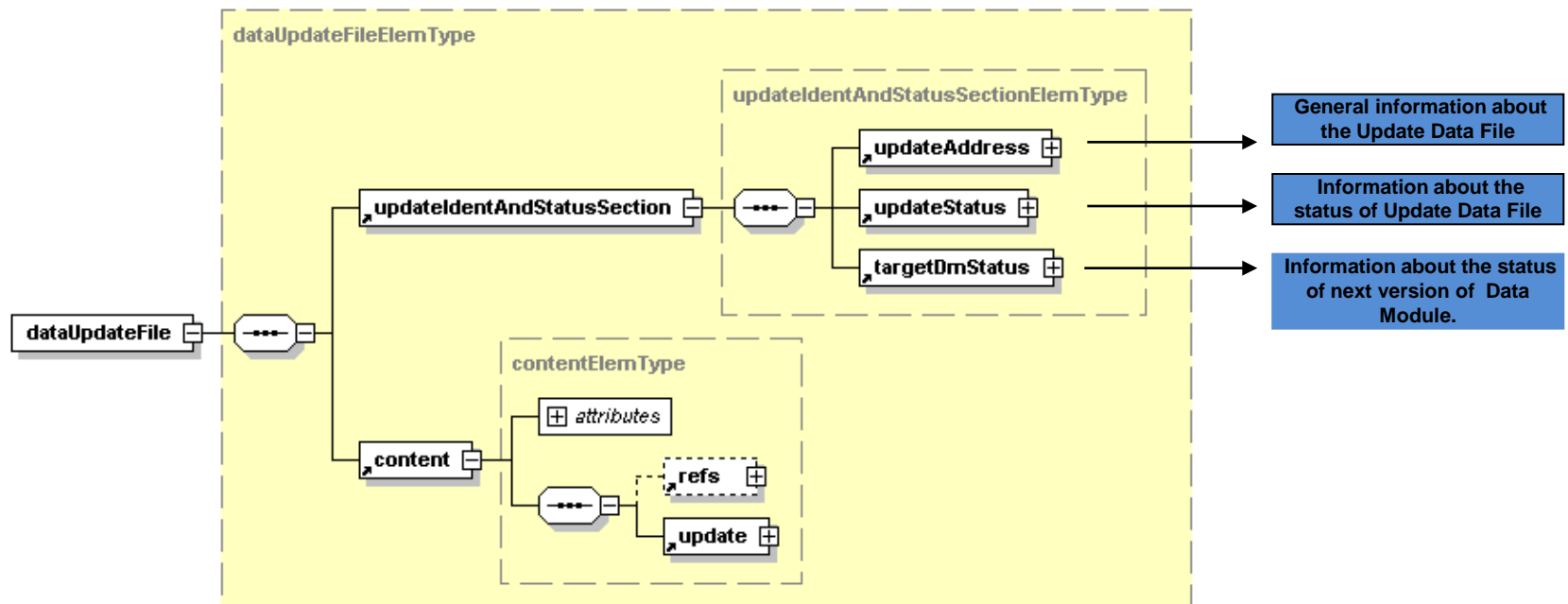


Incremental Update

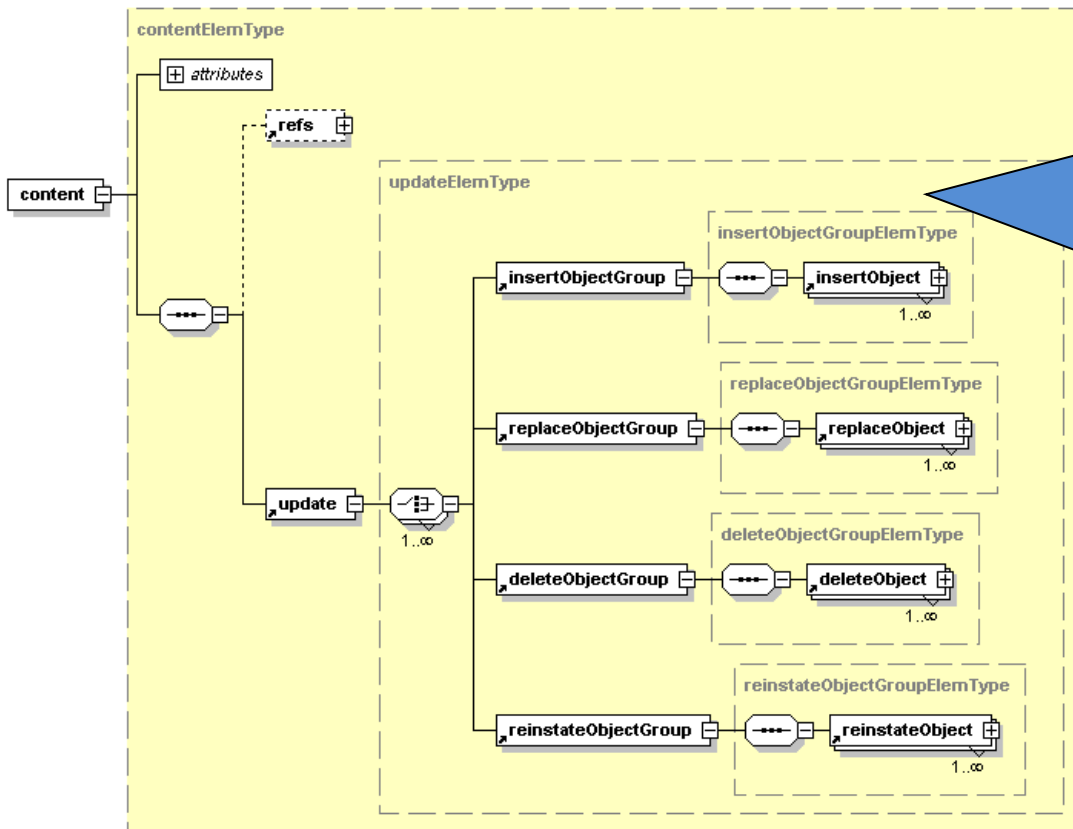
- Goals
 - Avoid data redundancy
 - Avoid exchanging data that has not changed since previous release
- Only impacts common information repository
- Rules
 - Each fragment must not have sequential relationship with the rest of the DM (schema constraint)
 - Each fragment must have an identifier that is persistent over the time

Incremental Update

- New schema introduced (update)



Incremental Update



This schema consists of a list of updated elements, sorted by class of update.

There are a content with **four** branches:

- New fragments to be **inserted**
- Revised fragments to be **replaced**
- Deleted fragments to be **deleted**
- Old fragments to be **reinstated**

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Number 1 Front Matter

Front Matter

- Prior to 4.1
 - Descript data modules
 - Publication modules
- After 4.1
 - Standardized in CSDB
 - Dedicated schema for front matter consisting of:
 - Metadata section
 - Content section

Front Matter

- Three major components

- Title page

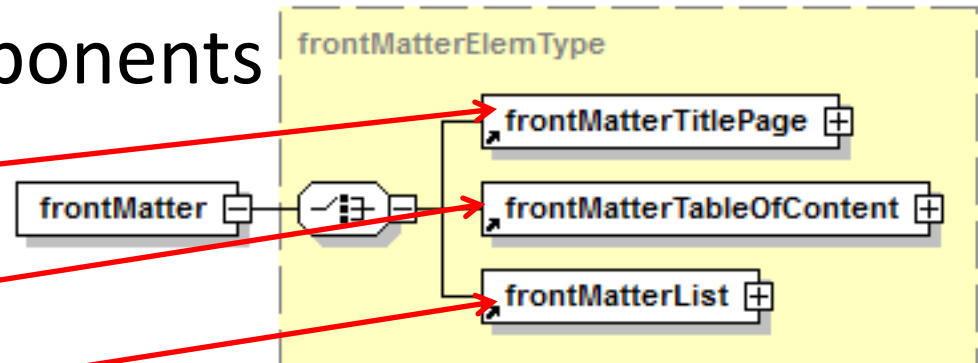
- Table of contents

- Front matter lists

- List of effective pages

- List of effective data modules

- Highlights



Questions

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