DR 18-0006 — Remove Schemas from Annexes A and B in Part 1 and Part 4

Status: Open

Subject: Remove Schemas from Annexes A and B in Part 1 and Part 4

Qualifier: Editorial defect

Submitter: Francis Cave Organization: (BSI)

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Submitter’s Defect Number: n/a

Supporting Document(s): none

Date Circulated by Secretariat: 2018-03-06

Deadline for Response from Editor: 2018-05-06

IS 29500 Reference(s): 29500:2016, Part 1, §A and §B; Part 4, §A and §B

Related DR(s): DR 18-0003 “DML: Prose not linked to schemas”

Nature of the Defect:

Currently, the XSD schemas exist in two forms: in normative annexes in Parts 1 and 4, and as electronic files. If there are differences between the annex and electronic file versions, the annex version wins.

Also, the RelaxNG schemas exist in two forms: in informative annexes in Parts 1 and 4, and as electronic files. If there are differences between the annex and electronic file versions, the annex version wins.

The problem is that schemas in annexes and electronic files are maintained by different processes, which doubles the maintenance effort and gives rise to the possibility of differences between the two representations, with the electronic version likely being correct, but superseded by the corresponding annex. The annex versions also contribute 600+ pages to the specs (8% of Part 1’s page count, and 50% of Part 4’s page count).

Implementers and tool builders use the electronic versions, so let’s consider getting rid of the annex versions. In future, COR corrections to schema can just as easily be written relative to lines in the electronic file as to lines in an annex.

Solution Proposed by the Submitter:

For each of Part 1 and 4:

* Remove the schemas from each subclause in Annexes A and B, leaving just the open paragraph that refers to the corresponding annex.
* Declare the electronic version of the XSD schema to be normative.
* Declare the electronic version of the RelaxNG schema to be informative.
* For each hyperlink to a schema type, either remove that link or replace it with a link to the type in an HTML rendering of the schema, for example. (The actual indexing mechanism has yet to be determined.)

Schema Change(s) Needed:

No

**Editor’s Response:**

**2018-03-06/08 Prague F2F Meeting:**

This topic arose from a discussion of issues raised in DR 18-0003 “DML: Prose not linked to schemas”. After some discussion on the general issue raised by that DR, **we agreed to remove the schemas from Annex A and B in Part 1 and Part 4 (leaving just the electronic schemas, the XSD of which becomes normative).**

The downside to removing the schemas from the annexes is that the hyperlinks to types are lost. That lead to a discussion about building some indexing tools to allow types (and other items) to be located within the electronic schemas. Such tools could be included in the electronic annexes. **Perhaps we can replace the links to type names in the annexes, to links in an HTML index rendering of the electronic schema.**

**Rex will not make any actual edits w.r.t type links until the final cross-referencing mechanism is decided.**

We agreed to spin-off this issue into a new DR, DR 18-0006, “Remove Schema Annexes from Part 1 and Part 4”.

Rex will own this new DR, the resolution of which will go in REV3, **not** COR4.

Changes to Part 1: Y Part 2: N Part 3: N Part 4: Y