

# DR 09-0320 — OPC: Relationships Markup

**Status:** Open

**Subject:** OPC: Relationships Markup

**Qualifier:** Request for clarification

**Submitter:** Mr. Francis Cave (UK)

**Contact Information:** [francis@franciscave.com](mailto:francis@franciscave.com)

**Submitter's Defect Number:** 08-00175

**Supporting Document(s):** none

**Date Circulated by Secretariat:** 2009-10-19

**Deadline for Response from Editor:** 2009-12-19

**IS 29500 Reference(s):** Part 2, §9.3.2, "Relationship Markup", (p. 20)

**Related DR(s):** none

## **Nature of the Defect:**

Contains the following paragraph

"A Relationships Part shall not be an empty file. If present, a Relationships Part shall hold, at a minimum, a single Relationships root element with no child elements."

It would be clearer to state that the document must be a schema-valid XML document (the "at a minimum" implies it could have more than one root element).

## **Solution Proposed by the Submitter:**

Re-write to address the above points.

## **Editor's Response:**

Agreed. Rewrite as follows:

Change Part 2, §9.3.2, “Relationship Markup” as follows

### Relationship Markup

Relationships are represented using Relationship elements nested in a single Relationships element. These elements are defined in the Relationships namespace, as specified in **Error! Reference source not found..** The W3C XML Schema for relationships is described in **Error! Reference source not found..**

A Relationships Part ~~shall not be an empty file. If present, a Relationships Part shall hold, at a minimum, a single Relationships root element with no child elements~~ must be a schema-valid XML document.

Similarly, although not requested in the DR, the change should be made to the Rule text of ID M1.26 in Annex H. Guidelines for Meeting Conformance, §H.1 Package Model as follows

A Relationships Part ~~shall not be an empty file. If present, a Relationships Part shall hold, at a minimum, a single Relationships root element with no child elements~~ must be a schema-valid XML document.

The package implementer shall require that every Relationship element has an Id attribute, the value of which is unique within the Relationships part, and that the Id datatype is xsd:ID, the value of which conforms to the naming restrictions for xsd:ID as described in the W3C Recommendation “XML Schema Part 2: Datatypes.”