DR 10-0050 — Primer: Bidirectional Support, Erroneous reference to UAX#9

Status: Open

Subject: Primer: Bidirectional Support, Erroneous reference to UAX#9

Qualifier: Editorial defect

Submitter: SII - Standards Institution of Israel   **Organization:** (IL)

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Submitter's Defect Number: none

Supporting Document(s): none

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Deadline for Response from Editor: 2011-02-06

IS 29500 Reference(s): Part 1: §J.2, "Shared (WordprocessingML and DrawingML)", p. 5022

Related DR(s): none

Nature of the Defect:

In the last point of the description of the rtl element, the reference to Unicode Annex #9 (Unicode Bidirectional Algorithm) seems erroneous. I believe that the author meant HL3 (bidirectional overrides) rather than HL1 (primary paragraph direction).

Solution Proposed by the Submitter:

Part 1: §J.2, "Shared (WordprocessingML and DrawingML)", p. 5022

…

At the paragraph level, the bidi element in WordprocessingML (§17.6.1) and the rtl attribute in Drawing ML (§21.1.2.2.7) specifies whether the base direction of the text within the paragraph is left-to-right or right-to-left. This element overrides the paragraph level; rules P2 and P3 of the "Unicode Bidirectional Algorithm" (see HL13 in the Unicode Standard Annex #9).

Element	Section	Description
rtl	…	Specifies the reading order of the character run to be right-to-left, this controls the visual layout of the run. It is important to note the following: • … • This element provides information used to resolve the classifications of individual characters. Characters in RTL runs will be resolved as strong right-to-left characters or as numerals, while characters in LTR runs will be resolved as strong left-to-right characters or as numerals. Once this is determined, the line is displayed subject to the recommendation of the "Unicode Bidirectional Algorithm" (see HL~~1~~3 in the Unicode Standard Annex #9) in reordering the resolved levels. …

Schema Change(s) Needed:

No

Editor's Response:

None

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