DR 19-0020 — DML: omissions in the specification of related pairs of attributes

Status: Open

Subject: DML: omissions in the specification of related pairs of attributes

Qualifier: Request for clarification

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Submitter’s Defect Number: 20190304-1

Supporting Document(s): none

Date Circulated by Secretariat:

Deadline for Response from Editor:

IS 29500 Reference(s): Part 1, §20.1.9.2, §20.1.9.3

Related DR(s): DR 16-0005

Nature of the Defect:

*The following are unresolved issues that were originally reported in DR 16-0005 and have been transferred to this DR for easier consideration by DrawingML experts.*

In the following cases the text does not specify how a consumer should interpret the element, when present, if either or both related pairs of attributes (e.g. both @maxAng and @minAng on element ahPolar) are omitted:

* §20.1.9.2 ahPolar (@maxAng, @maxR, @minAng, @minR) (complex type: CT\_PolarAdjustHandle)
* §20.1.9.3 ahXY (@maxX, @maxY, @minX, @minY) (complex type: CT\_XYAdjustHandle)

Neither of these elements is mentioned in the MS Office implementer notes (MS-OI29500).

Solution Proposed by the Submitter:

Default values in the schema are not appropriate, because the assumed value of a single omitted attribute is whatever value has been specified for its pair, so is not fixed. However, clarification of the prose should be possible, if DML experts can provide answers to the following questions:

According to the attribute descriptions in §20.1.9.2, if one or other of @maxR and @minR, but not both, is omitted in an occurrence of the element ahPolar, the omitted attribute is assumed to have the same value as the specified attribute. However, if both @maxR and @minR are omitted, is this an error? If not an error, what values are both attributes assumed to have?

According to the attribute descriptions in §20.1.9.2, if one or other of @maxAng and @minAng, but not both, is omitted in an occurrence of the element ahPolar, the omitted attribute is assumed to have the same value as the specified attribute. However, if both @maxAng and @minAng are omitted, is this an error? If not an error, what value are both attributes assumed to have?

According to the attribute descriptions in §20.1.9.3, if one or other of @maxX and @minX, but not both, is omitted in an occurrence of the element ahXY, the omitted attribute is assumed to have the same value as the specified attribute. However, if both @maxX and @minX are omitted in an occurrence of the element ahXY, is this an error? If not an error, what values are both attributes assumed to have?

According to the attribute descriptions in §20.1.9.3, if one or other of @maxY and @minY, but not both, is omitted in an occurrence of the element ahXY, the omitted attribute is assumed to have the same value as the specified attribute. However, if both @maxY and @minY are omitted, is this an error? If not an error, what values are both attributes assumed to have?

Based upon the answers received, it should be possible to clarify the text of the corresponding attribute descriptions along the lines of “... If both this attribute and {name of its pair} are omitted, a value of {default} is assumed for both attributes.” *or* “... Either this attribute or {name of its pair} shall always be specified.” *or* “... If both this attribute and {name of its pair} are omitted, the parent element shall be ignored.” *or* some other appropriate clarification.

Schema Change(s) Needed:

Yes/No

**Editor’s Response:**

None

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