DR 18-0009 — DML: 2D-Transforms

Status: Open

Subject: DML: 2D-Transforms

Qualifier: Request for clarification

Submitter: Charlie Clark Organization: Ecma/Clark Consulting & Research

Contact Information: [charlie.clark@clark-consulting.eu](file:///E:\Std\SC%2034\WG4\DRs\Log\2014\charlie.clark@clark-consulting.eu)

Submitter’s Defect Number: None

Supporting Document(s): None

Date Circulated by Secretariat: 2018-07-19

Deadline for Response from Editor: 2018-09-19

IS 29500 Reference(s): 29500:2016, Part 1, §20.1.7.6, “Drawing Main” and §20.5.2.36, “Spreadsheet Drawing”

Related DR(s): None

Nature of the Defect:

I just came across this uncertainty: the specification contains identical definitions of 2D-Transforms, once in Drawing Main: §20.1.7.6 and once in Spreadsheet Drawing: §20.5.2.36

I'm trying to work out when to use which one. If I follow the schema then it's quite clear that both PictureFrames (§20.5.2.16) and GraphicalObjectFrames (§20.5.2.25) both use the one from Drawing Main. Indeed, the prose makes explicit reference to this.

Schema for Graphic Frames:

<xsd:complexType name="CT\_GraphicalObjectFrame">

<xsd:sequence>

<xsd:element name="nvGraphicFramePr" type="CT\_GraphicalObjectFrameNonVisual"

minOccurs="1" maxOccurs="1"/>

<xsd:element name="xfrm" type="a:CT\_Transform2D" minOccurs="1"

maxOccurs="1"/>

<xsd:element ref="a:graphic" minOccurs="1" maxOccurs="1"/>

</xsd:sequence>

<xsd:attribute name="macro" type="xsd:string" use="optional"/>

<xsd:attribute name="fPublished" type="xsd:boolean" use="optional"

default="false"/>

</xsd:complexType>

However, the [MS] implementer notes says that xdr:xfrm should be used. And this is also what Excel expects. So, which is it? I wondered if this is something that was changed later in the specification (strict) but I can't find a note to this effect.

If the schema is correct then I think xdr:xfrm is redundant, but I suspect it's going to be the other way round.

I suspect that this can only be answered by Microsoft's team.

Solution Proposed by the Submitter:

None

Schema Change(s) Needed:

No

**Editor’s Response:**

None

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