

Disposition: Resolved

OMG Issue No: 16001

Title: Interchange extension

Source:

NIST (Mr. Conrad Bock, conrad.bock(at)nist.gov)

Summary:

The last paragraph of the DiagramElement section says:

Other properties of diagram elements that tools need to interchange but are not defined in the metamodel can be interchanged using the extensibility mechanism that is native to the used interchange format. For example, in an XMLbased interchange, extended data can be placed on diagram elements within <xmi:extension> tags.

I'm not sure we should be mentioning interchange level extensions, especially without mentioning metamodel extensions, and domain-specific extensions like profiles. Can we remove this paragraph, or generalize it to include other kinds of extension mechanisms?

Resolution:

The specification should not suggest ways of interchanging non-standard information.

Revised Text:

In Section 9.3.3 (DiagramElement), Description, remove the fifth paragraph (the one starting "Other properties of diagram").

Disposition: **Resolved**

Disposition: Resolved

OMG Issue No: 16250

Title: DG::GraphicalElement::local/sharedStyle should have unbounded upper multiplicity

Source:

International Business Machines (Mr. Maged Elaasar, melaasar(at)ca.ibm.com)

Summary:

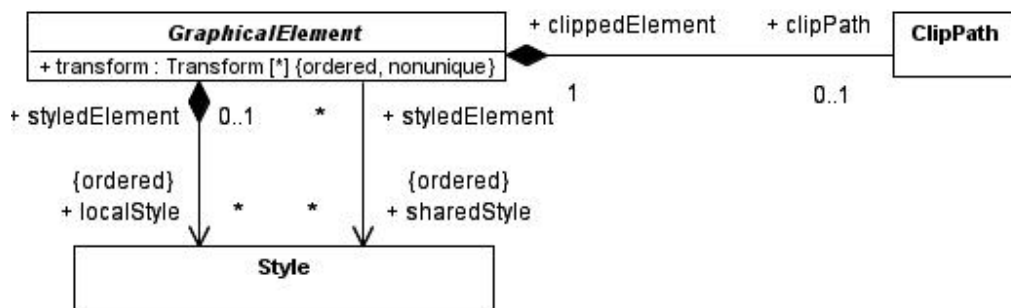
DG::GraphicalElement::local/sharedStyle should have unbounded upper multiplicity, to enable DI and the mapping to DG to both introduce styles. The style properties from these two sources might overlap for properties with upper multiplicity greater than one. Use ordering to prioritize styles in case of conflict.

Resolution:

Change the multiplicities as suggested above, and explain the use case.

Revised Text:

In Figure 10.2 (GraphicalElement), replace the contents with:



In Section 10.3.10 (GraphicalElement),

Description, second paragraph,

First sentence, replace “a local and/or a shared style that defines” with “local and/or shared styles that define”.

Second sentence, replace “a local” with “local”, “a shared” with “shared”, and “style,” with “styles,”.

At the end of the paragraph, add a new sentence “If the same style property is set by multiple local styles or multiple shared styles, then the property on the style earlier in the ordering has higher precedence.”

Associations, replace the localStyle and sharedStyle entries with:

- + localStyle : Style [*] {ordered} - a list of locally-owned styles for this graphical element.
- + sharedStyle : Style [*] {ordered} - a list of shared styles for this graphical element.

In Section 10.3.31 (Style), Description, replace the first bullet under second paragraph with two bullets:

If there is a cascading value set on a local style, use it. If the same value is set by multiple local styles, then use the value earlier in the style ordering.

Otherwise, if there is cascading value set on a shared style, use it. If the same value is set by multiple shared styles, then use the value earlier in the style ordering.

In Section 10.3.11 (Group), Description, second sentence, replace “styles defined (owned or referenced)” with “(local or shared) styles defined.”

Disposition: Resolved

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OMG Issue No: 16251

Title: Rename DG::Canvas::style to packagedStyle

Source:

International Business Machines (Mr. Maged Elaasar, melaasar(at)ca.ibm.com)

Summary:

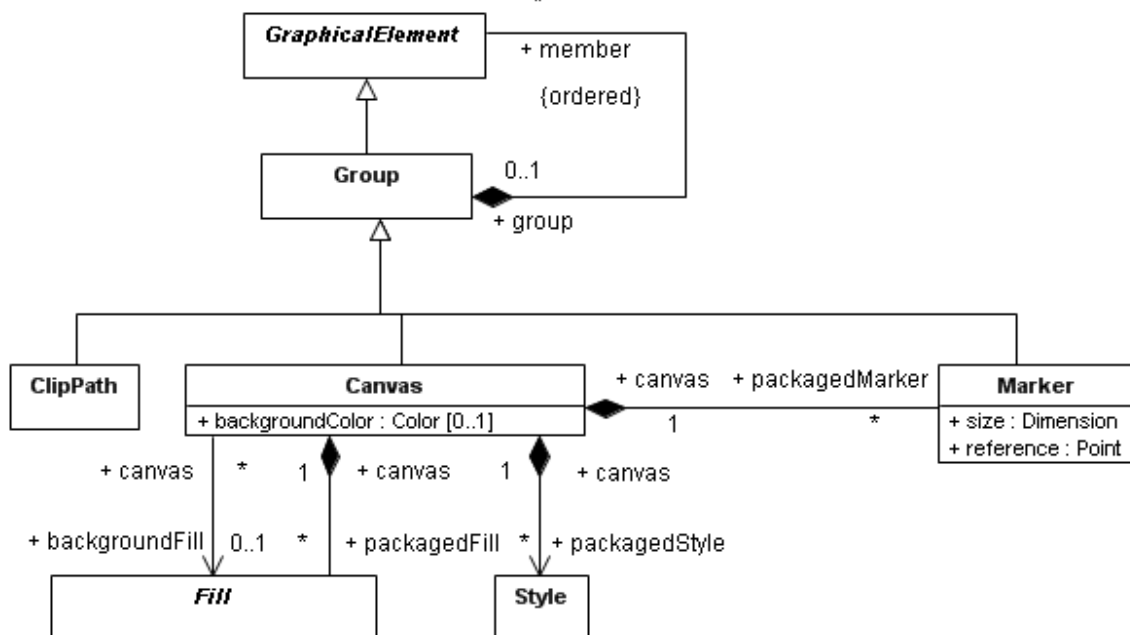
Rename DG::Canvas::style to packagedStyle (and fills and markers) to clarify it is not applied to the canvas, like the one inherited from GraphicalElement::localStyle.

Resolution:

Rename all the composite associations on Canvas to have a “packaged” prefix.

Revised Text:

In Figure 10.4 (Group Elements), replace the contents with



In Section 10.3.1 (Canvas), Associations,

In “fill” entry, replace “fill : Fill” with “packagedFill : Fill”, and “owned” with “packaged”.

In “marker” entry, replace “marker : Marker” with “packagedMarker : Marker”, and “owned” with “packaged”.

In “style” entry, replace “style : Style” with “packagedStyle : Style”, and “owned” with “packaged”.

In Section 10.3.31 (Style), Description, first paragraph, second sentence, change “owned by the canvas” to “packaged by the canvas”.

Disposition: Resolved

Disposition: Resolved

OMG Issue No: 16252

Title: Cascade specification in DG isn't as specific as DI

Source:

International Business Machines (Mr. Maged Elaasar, melaasar(at)ca.ibm.com)

Summary:

Cascade specification in DG isn't as specific as DI. DG should align with DI (local overrides shared overrides inherited), so the mapping from DI to DG won't need to repeat the cascade algorithm. Multiple styles in DG can be ordered to resolve conflicts.

Resolution:

The algorithms only appear different because of a typographic error.

Revised Text:

In Section 9.3.9 (Style), Description, fourth paragraph, insert a line break and bullet before “oif”, and replace that bullet by the following two:

- If there is a cascading value set on a local style, use it.
- Otherwise, if there is a cascading value set on a shared style, use it.

Disposition: **Resolved**