WebCGM v2.1 Errata

OASIS Standard
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Technical Committee:

OASIS CGM Open WebCGM TC

Chair(s):

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Editor:

Lofton Henderson, Individual

Related Work:

These errata apply to
WebCGM 2.1 OASIS Standard ,
which is identical in technical content to:
WebCGM 2.1 W3C Recommendation, available at http://www.w3.org/TR/2007/REC-webcgm20-20070130/ .

Abstract:

Computer Graphics Metafile (CGM) is an ISO standard, defined by ISO/IEC 8632:1999, for the interchange of 2D vector and mixed vector/raster graphics. WebCGM is a profile of CGM, which adds Web linking and is optimized for Web applications in technical illustration, electronic documentation, geophysical data visualization, and similar fields. First published (1.0) in 1999, WebCGM unifies potentially diverse approaches to CGM utilization in Web document applications. It therefore represents a significant interoperability agreement amongst major users and implementers of the ISO CGM standard.

The present version, WebCGM 2.1, refines and completes the features of the major WebCGM 2.0 release. WebCGM 2.0 added a DOM (API) specification for programmatic access to WebCGM objects, a specification of an XML Companion File (XCF) architecture, and extended the graphical and intelligent content of WebCGM 1.0.

The design criteria for WebCGM aim at a balance between graphical expressive power on the one hand, and simplicity and implementability on the other. A small but powerful set of standardized metadata elements supports the functionalities of hyperlinking and document navigation, picture structuring and layering, and enabling search and query of WebCGM picture content.

Status:

This document was last revised or approved by the OASIS CGM Open WebCGM TC on the above date. The level of approval is also listed above. Check the current location noted above for possible later revisions of this document. This document is updated periodically on no particular schedule.

The errata in this document apply to the final published WebCGM 2.1 specification of OASIS. Some of these editorial corrections were already applied in the final published specification of W3C. The rest will be processed as errata by W3C. The two organizations' respective final versions of errata documents will apply respectively to the OASIS Standard and the W3C Recommendation.

Technical Committee members should send comments on this specification to the Technical Committee's email list. Others should send comments to the Technical Committee by using the "Send A Comment" button on the Technical Committee's web page (at www.oasis-open.org/committees/tc_home.php?wg_abbrev=cgmo-webcgm .)

For information on whether any patents have been disclosed that may be essential to implementing this specification, and any offers of patent licensing terms, please refer to the Intellectual Property Rights section of the Technical Committee web page (www.oasis-open.org/committees/cgmo-webcgm/ipr.php .)

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1. E01 -- typo in WebCGM 2.0 XCF internal DTD

1.1 E01 overview:

In the internal complete DTD of XCF (section 4.4), the first line ends with ">>" instead of ">". This typo occurs only in the internal complete DTD, not in the external DTD file.

1.2 E01 changes to WebCGM v2.1 OS text:

In section 4.4, complete DTD, change ">>" to ">".

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2. E02 -- extraneous Line Type Continuation references

2.1 E02 overview:

'`lineTypeCont`' appears in the ACI DTD snippet for `defaultAttributes` element (section 9.3.3), and "Line Type Continuation" appears in the bullet list following. These are editorial oversights -- Line Type Continuation was removed from the ACI before completion of the OASIS Standard, as can be seen from: there is no defining subsection 9.3.3.x; it does not appear in the ACI complete DTD of section 9.4; nor does it appear in the (normative) external file of the complete ACI DTD.

2.2 E02 changes to WebCGM v2.1 OS text:

In section 9.3.3 `defaultAttributes` element, delete "`lineTypeCont |`". In the following bullet list, delete the Line Type Continuation bullet.

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3. E03 -- extraneous Edge Type Continuation references

3.1 E03 Overview:

'`edgeTypeCont`' appears in the ACI DTD snippet for `defaultAttributes` element (section 9.3.3), and "Edge Type Continuation" appears in the bullet list following. These are editorial oversights -- Edge Type Continuation was removed from the ACI before completion of the OASIS Standard, as can be seen from: there is no defining subsection 9.3.3.x; it does not appear in the ACI complete DTD of section 9.4; nor does it appear in the (normative) external file of the complete ACI DTD.

2.2 E03 changes to WebCGM v2.1 OS text:

In section 9.3.3 `defaultAttributes` element, delete "`edgeTypeCont |`". In the following bullet list, delete the Edge Type Continuation bullet.

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4. E04 -- incorrect XCF reference in section 3.2.1.7

4.1 E04 overview:

In WebCGM 2.1 section 3.2.1.7, last paragraph, it is implied that geometric transform functionality is accessible via the XCF. This is an editorial oversight -- geometric transform was removed from the XCF before completion of the OASIS Standard.

4.2 E04 changes to WebCGM v2.1 OS text:

In WebCGM 2.1 section 3.2.1.7, last paragraph, change "WebCGM DOM (Chapter 5) and WebCGM XCF (Chapter 4) allow" to "WebCGM DOM (Chapter 5) allows".

5.0 E05 -- incorrect XCF reference in section 5.6.2.1

5.1 E05 overview:

In WebCGM 2.1 section 5.6.2.1, first sentence, it is implied that geometric transform functionality is accessible via the XCF. This is an editorial oversight -- geometric transform was removed from the XCF before completion of the OASIS Standard.

5.2 E05 changes to WebCGM v2.1 OS text:

In WebCGM 2.1 section 5.6.2.1, first sentence, change "by a DOM call or XCF data," to "by a DOM call"

6.0 E06 -- add reference to 2.1 Test Suite

6.1 E06 overview:

Section 7.6 contains references to earlier WebCGM test suites, but not to the WebCGM 2.1 test suite.

6.2 E06 changes to WebCGM v2.1 OS text:

In section 7.6, delete ", currently being upgraded to 2.1" from the 3rd bullet. Add a new 4th bullet whose text is "A WebCGM 2.1 test suite."; attach a link to http://docs.oasis-open.org/webcgm/test-materials/webcgm21ts/webcgm21-ts-index.html .

7.0 E07 -- clean up text in Appendix B

7.1 E07 overview:

Item #1 of Appendix B contains an incorrect reference to XCF for geometric transform functionality. This is an editorial oversight -- geometric transform was removed from the XCF before completion of the OASIS Standard.

7.2 E07 changes to WebCGM v2.1 OS text

Delete "and XCF facilities" from Item #1 of Appendix B.

8.0 E08 -- duplicated text in item() description

8.1 E08 overview:

Text is duplicated in the description of the item() method of WebCGMNodeList, section 5.7.7.

8.2 E08 changes to WebCGM v2.1 OS text

In the "Return value" section of the item() method description, delete "that is not a valid index."

9.0 E09 -- clarification of highlight() method description

9.1 E09 overview:

There is an ambiguity in the highlight() method description of WebCGMPicture (section 5.7.5). The text of the `type` parameter reads, "Denotes a behavior identical to the corresponding highlighting object behavior keywords of the fragment syntax." However, the intended object behavior keywords are `addHighlight` and `newHighlight`, not the simple `add` and `new` values of the `highlight()` method `type` parameter.

9.2 E09 changes to WebCGM v2.1 OS text

Make the correspondence explicit by adding a new second sentence: "The `type` parameter values `add` and `new` correspond respectively to the object behavior keywords `addHighlight` and `newHighlight`."
