



# WebCGM v2.0 Errata

## OASIS Standard 09 May 2007

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DTD: <http://docs.oasis-open.org/webcgm/v2.0/errata/os/webcgm20-20070509.dtd>

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#### Declared XML namespaces:

<http://www.cgmopen.org/schema/webcgm/>

#### System Identifier:

<http://docs.oasis-open.org/webcgm/v2.0/webcgm20.dtd>

### Technical Committee:

OASIS CGM Open WebCGM TC

### Chair(s):

David Cruikshank, The Boeing Company

### Editor:

Lofton Henderson, Individual

## Related Work:

These errata apply to

[WebCGM 2.0 OASIS Standard](#) ,

which is identical in technical content to:

[WebCGM 2.0 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 and followed by a [second \(errata\) release in 2001](#), 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.

WebCGM 2.0 adds a DOM (API) specification for programmatic access to WebCGM objects, and a specification of an XML Companion File (XCF) architecture, for externalization of non-graphical metadata. WebCGM 2.0, in addition, builds upon and extends the graphical and intelligent content of WebCGM 1.0, delivering functionality that was forecast for WebCGM 1.0, but was postponed in order to get the standard and its implementations to users expeditiously.

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.

These errata are being produced jointly by [OASIS](#) and [W3C](#). The two organizations' respective final versions of these errata, published concurrently, apply respectively to the OASIS Standard and the W3C Recommendation. They have identical content except for cover page and formatting differences as appropriate to the two organizations.

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](http://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](http://www.oasis-open.org/committees/cgmo-webcgm/ipr.php) .)

The non-normative errata page for this specification is located at [www.oasis-open.org/committees/cgmo-webcgm](http://www.oasis-open.org/committees/cgmo-webcgm).

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## Overview

*Erratum identifier:* E01

*Overview:* There are three interrelated editorial errors (see "Bug details" below) in the external DTD file ([4], [5]) that was published on 2007-01-30 concurrently with the publication of OASIS Standard (OS) WebCGM 2.0 and W3C REC WebCGM 2.0 [2].

[1] <http://docs.oasis-open.org/webcgm/v2.0/OS/webcgm-v2.0-index.html>

[2] <http://www.w3.org/TR/2007/REC-webcgm20-20070130/>

The WebCGM 2.0 XCF chapter [3] defines a System Identifier (SI) whose associated URI is [4], which resides in OASIS web space. The URI [4] is viewed as the "Latest version" URI for the DTD, for the latest version that has been approved at the OS level. As of the WebCGM 2.0 original publication date of 20070130, it pointed via a symlink to a specific version [5], in which you will see the error(s) are apparent.

[3] <http://docs.oasis-open.org/webcgm/v2.0/OS/WebCGM20-XCF.html#namespace>

[4] <http://docs.oasis-open.org/webcgm/v2.0/webcgm20.dtd>

[5] <http://docs.oasis-open.org/webcgm/v2.0/OS/webcgm20.dtd>

*Bug details:* The three-part error in the 20070130-published DTD [5] is:

E01.1: line 92, after "desc CDATA #IMPLIED" there is a stray ">". *Correction:* delete stray ">".

E01.2: line 93, the string "%linkuriAttExt;" has "Ext" capitalized instead of "EXT" upper case. *Correction:* change "Ext" to "EXT".

E01.3: line 43, the entity definition of "linkuriEXT" is "" instead of EMPTY. *Correction:* change the 2-character string "" to the 7-character string "EMPTY".

In the WebCGM 2.0 REC text [6], the glitches E01.1 and E01.2 are not repeated. However the editorial glitch E01.3 is repeated in 4.3.8 and 4.4 of Chapter 4 [6], in the in-text listing of the DTD snippets and in the in-text complete DTD:

[6] <http://docs.oasis-open.org/webcgm/v2.0/OS/WebCGM20-XCF.html>

E01.4: section 4.3.8: in the DTD snippet, the entity definition of "linkuriEXT" is "" instead of EMPTY. *Correction:* change the 2-character string "" to the 7-character string "EMPTY".

E01.5: section 4.4: in the complete DTD, the entity definition of "linkuriEXT" is "" instead of EMPTY. *Correction:* change the 2-character string "" to the 7-character string "EMPTY".

## Changes to text of WebCGM 2.0 OASIS Standard

Make these two changes to the 20070130-published text of WebCGM 2.0 [1], chapter 4 [6], to fix E01.4 and E01.5:

1. Section 4.3.8, change the line,

```
<!ENTITY % linkuriEXT "" >
```

to

```
<!ENTITY % linkuriEXT "EMPTY" >
```

2. Section 4.4, change the line,

```
<!ENTITY % linkuriEXT "" >
```

to

```
<!ENTITY % linkuriEXT "EMPTY" >
```

## DTD

To fix E01.1, E01.2, and E01.3 in the 20070130-published external DTD file [5], replace that file with the corrected external DTD file, which is referenced by [the cover page URI under "Specification URIs", "This version", "DTD"](#).

