



WebCGM Version 2.1

Committee Specification 02 18 December 2009

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This Version:

XHTML multi-file: <http://docs.oasis-open.org/webcgm/v2.1/cs02/webcgm-v2.1-index.html>
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XHTML ZIP archive: <http://docs.oasis-open.org/webcgm/v2.1/latest/webcgm-v2.1.zip>

Declared XML namespaces:

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

System Identifier:

<http://docs.oasis-open.org/webcgm/v2.1/webcgm21.dtd>

Technical Committee:

[OASIS CGM Open WebCGM TC](#)

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Related Work:

This specification updates:

[WebCGM 2.0 OASIS Standard](#) (and [W3C Recommendation](#))

This specification, when completed, will be identical in technical content to:

[WebCGM 2.1 W3C Recommendation](#), available at [http://www.w3.org/TR/...\(tbd\).../](http://www.w3.org/TR/...(tbd).../) .

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 final version of this specification is to be produced jointly by [OASIS](#) and [W3C](#) and published simultaneously as an OASIS Standard and a W3C Recommendation. The two documents will 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 http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=cgmo-webcgm .)

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The non-normative errata page for this specification is located at <http://www.oasis-open.org/committees/cgmo-webcgm>.

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