

WebCGM TC Telecon – 20071024

Attendees

Dave Cruikshank
Ben Bezaire
Lofton Henderson
Franck Duluc
Ulrich Laesche
Forrest Carpenter
Don Larson
Mark Meier (Larson)
Stuart Galt

Regrets

Dieter Weidenbruck
Andrew Moorhouse

Previous minutes

http://www.oasis-open.org/committees/download.php/25809/20071017_WebCGM_TC_Telecon_minutes.pdf

Action items

http://www.oasis-open.org/committees/download.php/25855/CGMO_AI_list_20071024.pdf

Preliminary Agenda

Action item review

WebCGM 2.1 decisions

http://www.oasis-open.org/committees/download.php/25730/WebCGM_21_list_r5.html

Do we want to move forward with a WebCGM 2.1?

Member response:

Airbus - Yes
Boeing - Yes
Ematek - Yes
HAL – provisionally yes for a 1 year project
Larson – Yes, depending on animation complexity
MoD UK - absent
PTC - Yes
SDI - Yes

Functional requirements endorsement

Substring hotspots

There is a requirement from aerospace and defense to be able to associate a linkuri to a substring (append text) element.

Is there provisional endorsement? – yes vendors will have to implement

Text search

There is a requirement from aerospace and defense to be able to search for a text string within a CGM file based on the content attribute or textual content.

Is there provisional endorsement? – non-standard implementations (value added generalized by vendors), but with help in the spec on how to do it with 2.0 features

Animation

There is a requirement from Boeing and others to be able to show movement in a CGM file, whether it is flow along an electrical wire, flow through a pipe, or physical transformation of a set of graphical primitives defined as an application structure.

Is there provisional endorsement? – some sort of DOM transforms and style properties and/or some basic declarative features

Improved font interchange

There is a desire to standardize methods for specifying font mapping.

Is there provisional endorsement? – yes standardized method of specify font mapping

Default styling properties

There is a desire to be able to specify default values for underspecified attribute and control elements in V1 and V2 files.

Is there provisional endorsement? – yes standardized method of specify defaults – may include some V3 files, too (LETD, line attributes)

z-compression

There is a desire to reduce disk requirements for CGM storage.

Is there provisional endorsement? - yes

Clarify how transparency interacts

There may still be some confusion on the interaction of the various CGM elements that have some transparency associated with them.

Is there provisional endorsement? – yes clarification in spec

Get object extents

There is a desire to be able to control zoom effects by using retrieved object extents.

Is there provisional endorsement? – yes (bounding box)

Redraw control

There is a requirement to delay rendering of an updated image until all the updates have taken place.

Is there provisional endorsement? – Yes as a required DOM interface (possibly as a mode)

regex addressing

There is a desire to be able to search APS id's and/or APS names using regular expressions.

Is there provisional endorsement? - Yes

Get style property

To facilitate control of style properties through DOM scripting, there is a desire to be able to retrieve the current value of a style property.

[Is there provisional endorsement? – Need more information \(possible\)](#)

Animation (or DOM transforms)

Review of the PTC implementation of declarative animation

[Benoit demonstration creation of 2 animation sequences](#)

[Step animation of circuit](#)

[Declarative animation of wheel moving across screen with rotation and translation](#)

Next telecon

Oct 31, 2007