Enabler Test Specification for SVG

Candidate Version 1.0 – 28 Apr 2008

Open Mobile Alliance

OMA-ETS-SVG-V1_0-20080428-C

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1. Scope

This document describes in detail available test cases for SVG 1.0:

http://www.openmobilealliance.org/Technical/released_enablers.aspx

The test cases are split in two categories, conformance and interoperability test cases.

The conformance test cases are aimed to verify the adherence to normative requirements described in the technical specifications.

The interoperability test cases are aimed to verify that implementations of the specifications work satisfactory.

At the moment there are no Interoperability test cases for SVG 1.0 enabler.

2. References

2.1 Normative References

[IOPPROC] "OMA Interoperability Policy and Process", Version 1.6, Open Mobile Alliance™, OMA-IOP-Process-V1_6, URL: http://www.openmobilealliance.org/

[RFC2119] "Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, URL:http://www.ietf.org/rfc/rfc2119.txt

[SVG_TS] "Scalable Vector Graphics (SVG) for the Mobile Domain", Version 1.0, OMA-TS-SVG-Mobile-V1_0, URL: http://www.openmobilealliance.org/

[SVG_ETR] "Enabler Test Requirements for SVG Mobile Domain", Version 1.0, OMA-ETR-SVG-Mobile-V1_0, URL: http://www.openmobilealliance.org/

[SVG_EVP] "Enabler Validation Plan for SVG Mobile Domain", Version 1.0, OMA-EVP-SVG-Mobile-V1_0, URL: http://www.openmobilealliance.org/

[SVG_SUITE] "SVG Tiny 1.2 Test Suite", September 7th 2007, URL: http://www.w3.org/Graphics/SVG/Test/20070907/

2.2 Informative References

[OMADICT] "Dictionary for OMA Specifications", Version 2.6, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_6, URL:http://www.openmobilealliance.org/

[SVGT] "Scalable Vector Graphics (SVG) Tiny", Version 1.2, W3C Candidate Recommendation, O. Andersson, R. Berjon, et al, 10 Aug 2006, URL: http://www.w3.org/TR/SVGMobile12/

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, are normative, unless they are explicitly indicated to be informative.

The following numbering scheme is used:

xxx-y.z-con-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
’con’	Indicating this test is a conformance test case
number	Leap number for the test case

Or

xxx-y.z-int-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
’int’	Indicating this test is a interoperability test case
number	Leap number for the test case

3.2 Definitions

TestFest	Multi-lateral interoperability testing event

3.3 Abbreviations

DOM	Document Object Model
IRI	Internationalized Resource Identifier
OMA	Open Mobile Alliance
SMIL	Synchronized Multimedia Interaction Language
SVG	Scalable Vector Graphics
WAE	Wireless Application Environment
W3C	Word Wide Web Consortium
XML	Extensible Markup Language

4. Introduction

The purpose of this document is to provide test cases for SVG Enabler Release 1.0.

Some features in the SVG enabler may optionally be implemented in mobile devices. The tests associated with these optional features are marked as [Includes Optional Features] in the test specification.

Test assertions that are marked with ~~Strikethrough~~ are not currently available in the SVG test suite [SVG_SUITE] and runnig them is thus not required.

5. SVG 1.0 Conformance Test Cases

5.1 Document Referencing Structures

5.1.1 Defs Element

Test Case Id	SVG-1.0-con-101
Test Object	Client device
Test Case Description	Referencing of entities within the document using <defs> element.
Specification Reference	[SVG_TS] Chapter 5.2.
SCR Reference	SVG-STRUCTURE-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • struct-defs-01-t • struct-defs-201-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 1: Test Information for SVG-1.0-con-101 Conformance Test

5.1.2 Use Element

Test Case Id	SVG-1.0-con-102
Test Object	Client device
Test Case Description	Referencing of entities within the document using <use> element.
Specification Reference	[SVG_TS] Chapter 5.2.
SCR Reference	SVG-STRUCTURE-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • struct-use-01-t ~~• struct-use-02-t~~ • struct-use-03-t ~~• struct-use-04-t~~ ~~• struct-use-05-t~~ ~~• struct-use-06-t~~ ~~• struct-use-07-t~~ ~~• struct-use-08-b~~ ~~• struct-use-09-b~~ • struct-use-201-t • struct-use-202-t ~~• struct-use-203-t~~ • struct-use-204-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 2: Test Information for SVG-1.0-con-102 Conformance Test

5.2 Conditional Processing

Test Case Id	SVG-1.0-con-121
Test Object	Client device
Test Case Description	Ability to adapt the viewing based on capabilities with the <switch> element.
Specification Reference	[SVG_TS] Chapter 5.3.
SCR Reference	SVG-COND-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • struct-cond-01-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 3: Test Information for SVG-1.0-con-121 Conformance Test

5.3 Images

Test Case Id	SVG-1.0-con-131
Test Object	Client device
Test Case Description	Testing of embedded and referenced raster images.
Specification Reference	[SVG_TS] Chapter 5.4.
SCR Reference	SVG-IMAGES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • struct-image-01-t • ~~struct-image-02-t~~ • struct-image-03-t • struct-image-04-t • ~~struct-image-05-t~~ • struct-image-06-t • struct-image-07-t • struct-image-08-t • struct-image-09-t • struct-image-10-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 4: Test Information for SVG-1.0-con-131 Conformance Test

5.4 Discard

Test Case Id	SVG-1.0-con-141
Test Object	Client device
Test Case Description	Removal of graphical entities.
Specification Reference	[SVG_TS] Chapter 5.6.
SCR Reference	SVG-DISCARD-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • struct-discard-201-t • struct-discard-202-t • ~~struct-discard-203-t~~ • struct-discard-204-t • struct-discard-205-t • struct-discard-206-t • struct-discard-207-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 5: Test Information for SVG-1.0-con-141 Conformance Test

5.5 Basic Shapes

5.5.1 Circle

Test Case Id	SVG-1.0-con-151
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <circle>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • tiny-shapes-circle-01-t • tiny-shapes-circle-02-t • tiny-shapes-circle-03-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 6: Test Information for SVG-1.0-con-151 Conformance Test

5.5.2 Ellipse

Test Case Id	SVG-1.0-con-152
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <ellipse>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-ellipse-01-t • shapes-ellipse-02-t • shapes-ellipse-03-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 7: Test Information for SVG-1.0-con-152 Conformance Test

5.5.3 Line

Test Case Id	SVG-1.0-con-153
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <line>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-line--01-t • shapes-line-02-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 8: Test Information for SVG-1.0-con-153 Conformance Test

5.5.4 Intro

Test Case Id	SVG-1.0-con-154
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <intro>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-intro-01-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 9: Test Information for SVG-1.0-con-154 Conformance Test

5.5.5 Polygon

Test Case Id	SVG-1.0-con-155
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <polygon>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-polygon-01-t • shapes-polygon-02-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 10: Test Information for SVG-1.0-con-155 Conformance Test

5.5.6 Polyline

Test Case Id	SVG-1.0-con-156
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <polyline>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-polyline-01-t • shapes-polyline-02-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 11: Test Information for SVG-1.0-con-156 Conformance Test

5.5.7 Rect

Test Case Id	SVG-1.0-con-157
Test Object	Client device
Test Case Description	Rendering a basic shape defined by the element <rect>.
Specification Reference	[SVG_TS] Chapter 6.
SCR Reference	SVG-SHAPES-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • shapes-rect-01-t • shapes-rect-02-t • shapes-rect-03-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 12: Test Information for SVG-1.0-con-157 Conformance Test

5.6 Basic Text

Test Case Id	SVG-1.0-con-161
Test Object	Client device
Test Case Description	Text is shown using system fonts.
Specification Reference	[SVG_TS] Chapter 7.
SCR Reference	SVG-TEXT-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • text-text-04-t • ~~text-text-05-t~~ • text-text-06-t • text-text-07-t • text-text-08-t • text-text-09-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 13: Test Information for SVG-1.0-con-161 Conformance Test

5.7 Text Flow

Test Case Id	SVG-1.0-con-171
Test Object	Client device
Test Case Description	Correct display of text in an area.
Specification Reference	[SVG_TS] Chapter 7.1.
SCR Reference	SVG-TEXTFLOW-001
Tool	[SVG_SUITE]

Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • text-area-201-t • ~~text-area-202-t~~ • text-area-203-t • text-area-204-t • text-area-205-t • ~~text-area-206-t~~ • text-area-207-t • ~~text-area-208-t~~ • text-area-209-t • text-area-210-t • ~~text-area-211-t~~ • ~~text-area-212-t~~ • text-area-213-t • ~~text-area-214-t~~ • ~~text-area-215-t~~ • ~~text-area-216-t~~ • ~~text-area-217-t~~ • ~~text-area-218-t~~ • ~~text-area-219-t~~ • text-area-220-t • text-area-221-t • text-area-222-t • ~~text-area-223-t~~ • ~~text-area-224-t~~
Pass-Criteria	The verification criteria in the test suite is met.

Table 14: Test Information for SVG-1.0-con-171 Conformance Test

5.8 Paint

5.8.1 Fill

Test Case Id	SVG-1.0-con-181
Test Object	Client device
Test Case Description	Correct rendering of basic shapes with correct color on fill.
Specification Reference	[SVG_TS] Chapter 8.1.
SCR Reference	SVG-PAINTATTR-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-fill-01-t • paint-fill-02-t • paint-fill-03-t • paint-fill-04-t • paint-fill-05-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 15: Test Information for SVG-1.0-con-181 Conformance Test

5.8.2 Viewport Fill

Test Case Id	SVG-1.0-con-182
Test Object	Client device
Test Case Description	Correct rendering of basic shapes with correct color on viewport-fill.
Specification Reference	[SVG_TS] Chapter 8.1.
SCR Reference	SVG-PAINTATTR-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-vfill-201-t • paint-vfill-202-t • paint-vfill-203-t • paint-vfill-204-t • paint-vfill-205-t • paint-vfill-206-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 16: Test Information for SVG-1.0-con-182 Conformance Test

5.8.3 Stroke

Test Case Id	SVG-1.0-con-183
Test Object	Client device
Test Case Description	Correct rendering of basic shapes with correct color on stroke.
Specification Reference	[SVG_TS] Chapter 8.1.
SCR Reference	SVG-PAINTATTR-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-stroke-201-t • paint-stroke-202-t • ~~paint-stroke-203-t~~ • paint-stroke-204-t • paint-stroke-205-t • ~~paint-stroke-206-t~~ • paint-stroke-207-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 17: Test Information for SVG-1.0-con-183 Conformance Test

5.8.4 Non-scaling Stroke

Test Case Id	SVG-1.0-con-184
Test Object	Client device
Test Case Description	Correct rendering of basic shapes with correct color on non-scaling-stroke.
Specification Reference	[SVG_TS] Chapter 8.1.
SCR Reference	SVG-PAINTATTR-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-nsstroke-201-t • paint-nsstroke-202-t • paint-nsstroke-203-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 18: Test Information for SVG-1.0-con-184 Conformance Test

5.9 Gradient

Test Case Id	SVG-1.0-con-191
Test Object	Client device
Test Case Description	Rendering of graphic structures with gradients.
Specification Reference	[SVG_TS] Chapter 8.4.
SCR Reference	SVG-GRADIENT-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-grad-04-t • paint-grad-05-t • paint-grad-07-t • paint-grad-08-t • paint-grad-09-t • paint-grad-11-t • paint-grad-12-t • paint-grad-15-t • paint-grad-16-t • paint-grad-17-t • paint-grad-18-t • paint-grad-19-t • paint-grad-201-t • paint-grad-202-t • paint-grad-203-t • paint-grad-204-t • paint-grad-205-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 19: Test Information for SVG-1.0-con-191 Conformance Test

5.10 Solid Color

Test Case Id	SVG-1.0-con-201
Test Object	Client device
Test Case Description	Correct color selection.
Specification Reference	[SVG_TS] Chapter 8.5.
SCR Reference	SVG-SOLIDCOLOR-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • paint-color-01-t • ~~paint-color-02-t~~ • paint-color-03-t • paint-color-04-t • paint-color-05-t • ~~paint-color-201-t~~
Pass-Criteria	The verification criteria in the test suite is met.

Table 20: Test Information for SVG-1.0-con-201 Conformance Test

5.11 Fonts

Test Case Id	SVG-1.0-con-211
Test Object	Client device
Test Case Description	Display of defined font glyphs and SVG fonts.
Specification Reference	[SVG_TS] Chapter 9.
SCR Reference	SVG-FONTS-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • fonts-elem-01 • fonts-elem-02 • fonts-elem-03
Pass-Criteria	The verification criteria in the test suite is met.

Table 21: Test Information for SVG-1.0-con-211 Conformance Test

5.12 Hyperlinks

Test Case Id	SVG-1.0-con-221
Test Object	Client device
Test Case Description	Link activation mechanism using 'a' element.
Specification Reference	[SVG_TS] Chapter 10.1.
SCR Reference	<Reference to explicitly tested SCR items, e.g. xxx-C-001>
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • linking-a-01-t ~~• linking-a-03-t~~ ~~• linking-a-03-t~~ ~~• linking-a-04-t~~ ~~• linking-a-05-t~~ • linking-a-08-t ~~• linking-a-09-t~~ • ~~linking-a-201-t~~
Pass-Criteria	The verification criteria in the test suite is met.

Table 22: Test Information for SVG-1.0-con-221 Conformance Test

~~5.13 Extensibility~~

~~Test Case Id~~	~~SVG-1.0-con-231~~
~~Test Object~~	~~Client device~~
~~Test Case Description~~	~~Embedding foreign namespace objects.~~
~~Specification Reference~~	~~[SVG_TS] Chapter 11.~~
~~SCR Reference~~	~~SVG-FOREIGNOBJ-001~~
~~Tool~~	~~[SVG_SUITE]~~
~~Test code~~	~~See test procedure.~~
~~Preconditions~~	~~• Equipment:~~ ~~o 1 client.~~ ~~o W3C SVG Tiny 1.2 test server.~~ ~~• State:~~ ~~o SVG client is initiated and has access to the W3C Tiny 1.2 test server.~~ ~~• Continuation of / Can be tested at the same time as:~~ ~~o None.~~ ~~• Prerequisite for this test:~~ ~~o None.~~
~~Test Procedure~~	~~Run the following assertions in the [SVG_SUITE]:~~ ~~• extend-namespace-02-t~~
~~Pass Criteria~~	~~The verification criteria in the test suite is met.~~

~~Table 23: Test Information for SVG-1.0-con-231 Conformance Test~~

5.14 DOM Core Interfaces

Test Case Id	SVG-1.0-con-241
Test Object	Client device
Test Case Description	Access to elements in DOM.
Specification Reference	[SVG_TS] Chapter 12.1.
SCR Reference	SVG-DOMCOREINT-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • udom-dom-201-t • udom-dom-202-t • udom-dom-203-t • ~~udom-dom-204-t~~ • ~~udom-dom-205-t~~ • udom-dom-206-t • udom-dom-207-t • ~~udom-dom-208-t~~ • ~~udom-dom-209-t~~ • udom-dom-210-t • udom-dom-211-t • ~~udom-dom-212-t~~ • udom-dom-213-t • udom-node-201-t • udom-node-202-t • ~~udom-node-203-t~~ • udom-node-204-t • ~~udom-textcontent-201-t~~ • udom-textcontent-202-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 24: Test Information for SVG-1.0-con-241 Conformance Test

5.15 DOM Event Interfaces

Test Case Id	SVG-1.0-con-251
Test Object	Client device
Test Case Description	Even generation, listener registration.
Specification Reference	[SVG_TS] Chapter 12.2.
SCR Reference	SVG-EVENTINT-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • udom-event-201-t • udom-event-202-t • udom-event-203-t • udom-event-204-t • ~~udom-event-205-t~~ • ~~udom-event-206-t~~ • ~~udom-event-207-t~~ • ~~udom-event-208-t~~ • ~~udom-event-209-t~~ •
Pass-Criteria	The verification criteria in the test suite is met.

Table 25: Test Information for SVG-1.0-con-251 Conformance Test

5.16 DOM SVG

Test Case Id	SVG-1.0-con-261
Test Object	Client device
Test Case Description	Access to svg object via the SVG interface.
Specification Reference	[SVG_TS] Chapter 12.5.
SCR Reference	SVG-SVGINT-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • udom-conform-201-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 26: Test Information for SVG-1.0-con-261 Conformance Test

5.17 Script Element

Test Case Id	SVG-1.0-con-271
Test Object	Client device
Test Case Description	Execution of script elements for embedded ECMA script.
Specification Reference	[SVG_TS] Chapter 13.1.
SCR Reference	SVG-SCRIPT-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • script-element-201-t • script-element-202-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 27: Test Information for SVG-1.0-con-271 Conformance Test

5.18 Event Handlers

Test Case Id	SVG-1.0-con-281
Test Object	Client device
Test Case Description	Event handling by embedding script and pointing to defined scripts.
Specification Reference	[SVG_TS] Chapter 13.2.
SCR Reference	SVG-HANDLER-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.
Test Procedure	Run the following assertions in the [SVG_SUITE]: • script-handle-05-t • script-handle-06-t • script-handle-07-t • script-handle-08-t • script-handle-201-t • script-handle-202-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 28: Test Information for SVG-1.0-con-281 Conformance Test

5.19 Audio

Test Case Id	SVG-1.0-con-291
Test Object	Client device
Test Case Description	Playback of embedded and referenced audio.
Specification Reference	[SVG_TS] Chapter 15.1.
SCR Reference	SVG-AUDIO-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • media-audio-201-t • media-audio-202-t • media-audio-203-t • media-audio-204-t • media-audio-205-t • media-audio-206-t • media-audio-207-t • media-audio-208-t • media-audio-209-t • media-audio-210-t • media-audio-211-t • media-audio-212-t • media-audio-213-t • ~~media-audio-214-t~~
Pass-Criteria	The verification criteria in the test suite is met.

Table 29: Test Information for SVG-1.0-con-291 Conformance Test

5.20 Video

Test Case Id	SVG-1.0-con-301
Test Object	Client device
Test Case Description	Playback of embedded and referenced video.
Specification Reference	[SVG_TS] Chapter 15.2.
SCR Reference	SVG-VIDEO-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • media-video-201-t • media-video-202-t • media-video-203-t • media-video-204-t • media-video-205-t • media-video-206-t • media-video-207-t • media-video-208-t • media-video-209-t • media-video-210-t • media-video-211-t • media-video-212-t • media-video-213-t • media-video-214-t • media-video-215-t • media-video-216-t • media-video-217-t • media-video-218-t • media-video-219-t • media-video-220-t • media-video-221-t • media-video-222-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 30: Test Information for SVG-1.0-con-301 Conformance Test

5.21 Animation

Test Case Id	SVG-1.0-con-311
Test Object	Client device
Test Case Description	Playback of embedded and referenced animation.
Specification Reference	[SVG_TS] Chapter 15.3.
SCR Reference	SVG-ANIMATION-001
Tool	[SVG_SUITE]
Test code	See test procedure.
Preconditions	• Equipment: o 1 client. o W3C SVG Tiny 1.2 test server. • State: o SVG client is initiated and has access to the W3C Tiny 1.2 test server. • Continuation of / Can be tested at the same time as: o None. • Prerequisite for this test: o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]:

animate-elem-02-t	animate-elem-39-t	~~animate-elem-76-t~~
animate-elem-03-t	animate-elem-40-t	animate-elem-77-t
animate-elem-04-t	animate-elem-41-t	animate-elem-78-t
animate-elem-05-t	~~animate-elem-42-t~~	~~animate-elem-79-t~~
animate-elem-06-t	~~animate-elem-43-t~~	animate-elem-80-t
animate-elem-07-t	animate-elem-44-t	animate-elem-81-t
animate-elem-08-t	~~animate-elem-45-t~~	animate-elem-82-t
animate-elem-09-t	animate-elem-46-t	animate-elem-83-t
animate-elem-10-t	~~animate-elem-47-t~~	animate-elem-84-t
animate-elem-11-t	~~animate-elem-48-t~~	animate-elem-85-t
animate-elem-12-t	~~animate-elem-49-t~~	~~animate-elem-86-t~~
animate-elem-13-t	~~animate-elem-50-t~~	animate-elem-201-t
animate-elem-14-t	~~animate-elem-51-t~~	animate-elem-202-t
animate-elem-15-t	animate-elem-52-t	animate-elem-203-t
animate-elem-16-t	animate-elem-53-t	~~animate-elem-204-t~~
animate-elem-17-t	~~animate-elem-54-t~~	~~animate-elem-205-t~~
animate-elem-18-t	~~animate-elem-55-t~~	animate-elem-206-t
animate-elem-19-t	~~animate-elem-56-t~~	animate-elem-207-t
animate-elem-20-t	~~animate-elem-57-t~~	~~animate-elem-208-t~~
animate-elem-21-t	~~animate-elem-58-t~~	animate-elem-209-t
animate-elem-22-t	~~animate-elem-59-t~~	animate-elem-210-t
animate-elem-23-t	~~animate-elem-60-t~~	animate-elem-211-t
animate-elem-24-t	~~animate-elem-61-t~~	animate-elem-212-t
animate-elem-25-t	~~animate-elem-62-t~~	animate-elem-213-t
animate-elem-26-t	~~animate-elem-63-t~~	animate-elem-214-t
animate-elem-27-t	animate-elem-64-t	animate-elem-215-t
animate-elem-28-t	animate-elem-65-t	animate-elem-216-t
animate-elem-29-t	animate-elem-66-t	animate-elem-217-t
animate-elem-30-t	animate-elem-67-t	animate-elem-218-t
animate-elem-31-t	animate-elem-68-t	~~animate-elem-219-t~~
animate-elem-32-t	animate-elem-69-t	~~animate-elem-220-t~~
animate-elem-33-t	animate-elem-70-t	~~animate-elem-221-t~~
animate-elem-34-t	~~animate-elem-71-t~~	~~animate-elem-222-t~~
animate-elem-35-t	~~animate-elem-72-t~~	~~animate-elem-223-t~~
animate-elem-36-t	~~animate-elem-73-t~~	~~animate-elem-224-t~~
animate-elem-37-t	~~animate-elem-74-t~~	~~animate-elem-225-t~~
animate-elem-38-t	~~animate-elem-75-t~~	~~animate-elem-226-t~~

Pass-Criteria	The verification criteria in the test suite is met.

Table 31: Test Information for SVG-1.0-con-311 Conformance Test

5.22 SMIL Interface in uDOM

Test Case Id	SVG-1.0-con-321
Test Object	Client device
Test Case Description	Start and stop of timed elements via scripts.
Specification Reference	[SVG_TS] Chapter 12.3.
SCR Reference	SVG-SMIL-001
Tool	[SVG_SUITE]
Test code	See test procedure.

Preconditions	• Equipment:
	  o 1 client.
	  o W3C SVG Tiny 1.2 test server.
	• State:
	  o SVG client is initiated and has access to the W3C Tiny 1.2 test server.
	• Continuation of / Can be tested at the same time as:
	  o None.
	• Prerequisite for this test:
	  o None.

Test Procedure	Run the following assertions in the [SVG_SUITE]: • udom-smil-201-t • udom-smil-202-t • udom-smil-203-t
Pass-Criteria	The verification criteria in the test suite is met.

Table 32: Test Information for SVG-1.0-con-321 Conformance Test

6. SVG 1.0 Interoperability Test Cases

There are no Interoperability test cases for SVG 1.0 enabler.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a		No prior approved versions

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ETS-SVG-V1_0	26 Mar 2008	All	Initial draft
Candidate Version OMA-ETS-SVG-V1_0	28 Apr 2008	n/a	TP approved ref# OMA-TP-2008-0181-INP_SVG_1.0_ETS_for_Candidate_Approval