



Enabler Test Specification for SVG

Candidate Version 1.0 – 14 Oct 2008

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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-ORG-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 12th 2008, URL: http://www.w3.org/Graphics/SVG/WG/wiki/Test_Suite_Overview

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 | World 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 running 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |

| | |
|-----------------------|---|
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • shapes-circle-01-t • shapes-circle-02-t • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |

| | |
|-----------------------|--|
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |

| | |
|-----------------------|--|
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |

| | |
|-----------------------|---|
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • fonts-elem-01-t • fonts-elem-02-t • fonts-elem-03-t • fonts-elem-06-t |
| 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • linking-a-01-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |

| | |
|-----------------------|--|
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • udom-dom-201-t • udom-dom-212-t • udom-dom-202-t • udom-dom-213-t • udom-dom-203-t • udom-node-201-t • udom-dom-204-t • udom-node-202-t • udom-dom-205-t • udom-node-203-t • udom-dom-206-t • udom-node-204-t • udom-dom-207-t • udom-textcontent-201-t • udom-dom-208-t • udom-textcontent-202-t • udom-dom-209-t • • udom-dom-210-t • • udom-dom-211-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 • udom-event-210-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | Run the following assertions in the [SVG_SUITE]: <ul style="list-style-type: none"> • script-element-201-t • script-element-202-t • script-element-203-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 • media-audio-215-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none">• Equipment:<ul style="list-style-type: none">○ 1 client.○ W3C SVG Tiny 1.2 test server.• State:<ul style="list-style-type: none">○ 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:<ul style="list-style-type: none">○ None.• Prerequisite for this test:<ul style="list-style-type: none">○ 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 |
| | | | animate-elem-227-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 | <ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> ○ 1 client. ○ W3C SVG Tiny 1.2 test server. • State: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ None. • Prerequisite for this test: <ul style="list-style-type: none"> ○ None. |
| Test Procedure | <p>Run the following assertions in the [SVG_SUITE]:</p> <ul style="list-style-type: none"> • 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 |
| Draft Versions OMA-ETS-SVG-V1_ | 19 Sep 2008 | | CR incorporated: OMA-IOP-BRO-2008-0138 |
| Candidate Version OMA-ETS-SVG-V1_0 | 14 Oct 2008 | n/a | TP approved ref# OMA-TP-2008-0366- INP_SVG_1.0_ETS_for_Candidate_re_approval |