



Reference Release Definition for SMIL for the Mobile Domain

Approved Version 1.0 – 09 Apr 2013

Open Mobile Alliance

OMA-RRELD-MobileDomainSMIL-V1_0-20130409-A

Use of this document is subject to all of the terms and conditions of the Use Agreement located at <http://www.openmobilealliance.org/UseAgreement.html>.

Unless this document is clearly designated as an approved specification, this document is a work in process, is not an approved Open Mobile Alliance™ specification, and is subject to revision or removal without notice.

You may use this document or any part of the document for internal or educational purposes only, provided you do not modify, edit or take out of context the information in this document in any manner. Information contained in this document may be used, at your sole risk, for any purposes. You may not use this document in any other manner without the prior written permission of the Open Mobile Alliance. The Open Mobile Alliance authorizes you to copy this document, provided that you retain all copyright and other proprietary notices contained in the original materials on any copies of the materials and that you comply strictly with these terms. This copyright permission does not constitute an endorsement of the products or services. The Open Mobile Alliance assumes no responsibility for errors or omissions in this document.

Each Open Mobile Alliance member has agreed to use reasonable endeavors to inform the Open Mobile Alliance in a timely manner of Essential IPR as it becomes aware that the Essential IPR is related to the prepared or published specification. However, the members do not have an obligation to conduct IPR searches. The declared Essential IPR is publicly available to members and non-members of the Open Mobile Alliance and may be found on the “OMA IPR Declarations” list at <http://www.openmobilealliance.org/ipr.html>. The Open Mobile Alliance has not conducted an independent IPR review of this document and the information contained herein, and makes no representations or warranties regarding third party IPR, including without limitation patents, copyrights or trade secret rights. This document may contain inventions for which you must obtain licenses from third parties before making, using or selling the inventions. Defined terms above are set forth in the schedule to the Open Mobile Alliance Application Form.

NO REPRESENTATIONS OR WARRANTIES (WHETHER EXPRESS OR IMPLIED) ARE MADE BY THE OPEN MOBILE ALLIANCE OR ANY OPEN MOBILE ALLIANCE MEMBER OR ITS AFFILIATES REGARDING ANY OF THE IPR'S REPRESENTED ON THE “OMA IPR DECLARATIONS” LIST, INCLUDING, BUT NOT LIMITED TO THE ACCURACY, COMPLETENESS, VALIDITY OR RELEVANCE OF THE INFORMATION OR WHETHER OR NOT SUCH RIGHTS ARE ESSENTIAL OR NON-ESSENTIAL.

THE OPEN MOBILE ALLIANCE IS NOT LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF DOCUMENTS AND THE INFORMATION CONTAINED IN THE DOCUMENTS.

© 2013 Open Mobile Alliance Ltd. All Rights Reserved.

Used with the permission of the Open Mobile Alliance Ltd. under the terms set forth above.

Contents

1. SCOPE	4
2. REFERENCES	5
2.1 NORMATIVE REFERENCES	5
2.2 INFORMATIVE REFERENCES	5
3. TERMINOLOGY AND CONVENTIONS	6
3.1 CONVENTIONS	6
3.2 DEFINITIONS	6
3.3 ABBREVIATIONS	6
4. RELEASE VERSION OVERVIEW	7
4.1 VERSION 1.0 FUNCTIONALITY	7
5. DOCUMENT LISTING FOR MOBILE DOMAIN SMIL	8
6. OMNA CONSIDERATIONS	9
APPENDIX A. CHANGE HISTORY (INFORMATIVE)	10
A.1 APPROVED VERSION HISTORY	10

Figures

No table of figures entries found.

Tables

Table 1: Listing of Documents in Mobile Domain SMIL Reference Release	8
---	---

1. Scope

The scope of this document is limited to the Reference Release Definition of SMIL for the Mobile Domain according to OMA Release process and the Reference Release document baseline listed in section 5.

2. References

2.1 Normative References

- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [MobileDomainSMIL_RD] “Mobile Domain SMIL Requirements”, Feb 2006, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [SMIL21] “Synchronized Multimedia Integration Language (SMIL 2.1)” W3C Candidate Recommendation 28 September 2005, <http://www.w3.org/TR/2005/PR-SMIL2-20050928/>

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version x.y, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_8, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

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” and “Release Version Overview” are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

Reference Release	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.
Reference Release Definition	A definition of the documents that are included in a Reference Release.
Multimedia Synchronization	Process of temporal coordination of multiple multimedia objects for the purpose of ensuring that each object is rendered according to the predefined rules.
Synchronized Multimedia Content	Multimedia content capable of multimedia synchronization.
Synchronized Multimedia Object	Multimedia object capable of multimedia synchronization.

3.3 Abbreviations

OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
SMIL	Synchronized Multimedia Integration Language
RRELD	Reference Release Definition
SVG	Scalable Vector Graphics
MMS	Multimedia Messaging Service

4. Release Version Overview

Synchronized Multimedia Integration Language (SMIL) as defined by W3C is a language for integrating multiple XML applications in a synchronized manner..

W3C issued SMIL 2.1[SMIL21] as W3C Proposed Recommendation to give a stable specification to be based on, in September 2005.. In order to guarantee that these profiles meet the requirements of OMA members, it is important to define OMA requirements and liaise with W3C to insure OMA requirements are met.

This reference release includes requirement document for Mobile Domain SMIL. The goal of the requirement document is to produce a OMA-wide single multimedia synchronization requirement which lead to a single synchronization profile in the mobile markets. It is used to determine the selection of modules defined in external organizations or to feed additional requirements to external organizations for an industry-wide single profile.

4.1 Version 1.0 Functionality

OMA requirements for SMIL fall into three main areas:

1. What is the subset of features and modules of full SMIL2.1 that are appropriate for the mobile environment and resource limited devices.
2. What are the requirements for SMIL 2.1 usable in a wide range of OMA clients from browsers to MMS.
3. What are the features of SMIL2.1 that are aligned to OMA SVG for Mobile Domain for its SMIL Animation use.

5. Document Listing for Mobile Domain SMIL

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[MobileDomainSMIL_RD]	OMA-RD-MobileDomainSMIL-V1_0-20130409-A	Requirement Document for Mobile Domain SMIL Reference Package

Table 1: Listing of Documents in Mobile Domain SMIL Reference Release

6. OMNA Considerations

There is no required OMNA registration.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-RRELD-MobileDomainSMIL-V1_0	09 Apr 2013	Status changed to Approved by TP Ref #: OMA-TP-2013-0102-INP_SMIL_V1_0_RRP_for_final_Approval