Enabler Release Definition for Content Management Interface

Candidate Version 1.0 – 01 December 2009

Open Mobile Alliance
OMA-ERELD-CMI-V1_0-20091201-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition of CMI according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

2.1   Normative References

[CMI_RD]	"Content Management Interface Requirements", Version 1.0, Open Mobile Alliance™, OMA-RD-CMI-V1_0, 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
[SCRRULES]	"SCR Rules and Procedures", Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures, URL:http://www.openmobilealliance.org/

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/

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", "Release Version Overview" and "Conformance Requirements Notation Details", are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in sections 8 and 9 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

3.2 Definitions

Enabler Release	Collection of specifications that combined together form an enabler for a service area, e.g. a download enabler, a browsing enabler, a messaging enabler, a location enabler, etc. The specifications that are forming an enabler should combined fulfil a number of related market requirements.
Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

3.3 Abbreviations

CMI	Content Management Interface
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

4. Release Version Overview

CMI is intended to create a well-defined API between the Service Provider and Content Provider to facilitate integrations and service deployments in order to advance the industry and benefit all parties.

The main objective of the first release of the CMI is to develop an API for CMR services as a baseline for a general use case that allows expansion of the API to be applicable for any service. The scope includes the API only. It does not include the well-defined services (such as the well-defined CMR).

CMI includes the following main functionalities:

- o **Purchase Content Functionalities:** Transferring information between the Content Provider and the Service Provider related to:

    - o Purchase of content by user(s)

    - o Making content available/unavailable to consume

- o **Content Upload Functionalities:** Creating a secure channel between Content Provider and Service Provider that:

    - Allows downloading and/or updating of content and user-generated content between these parties

      .

- o **Statistic and Report Functionalities:** Allows receipt of authorized statistics and reports that elaborate and update the data collection, potentially increasing user purchases and content usage activities.

- o **Management Functionalities:** Allows creation, management and control of policies and SLA between Content Provider and Service that will help monitor and facilitate the service.

4.1 Version 1.0 Functionality

The Version 1.0 of the CMI Enabler contains all functions described in the above paragraph except Management Functionalities. In CMI 1.0, the Management Functionalities are described only in [CMI_AD]. Detailed specification for Management Functionalities is deferred to future version of CMI.

5. Document Listing for CMI

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[CMI_RD]	OMA-RD-CMI-V1_0-20091201-C	Requirement Document for CMI Enabler
Architecture Document		
[CMI_AD]	OMA-AD-CMI-V1_0- 20091201-C	Architecture Document for CMI Enabler
Technical Specifications		
[CMI_TS]	OMA-TS-CMI-V1_0- 20091201-C	Technical Specification for CMI Enabler
Supporting Files		

[CMI_XSD]	OMA-SUP-XSD_cmi_package-V1_0-20091201-C	XML Schema for the CMI Content-package – File Distributiuon
		
		Public Reachable Information:
		
		  Path: http://www.openmobilealliance.org/tech/profiles
		
		  Name: cmi_package-v1_0.xsd

Table 1: Listing of Documents in CMI Enabler

6. OMNA Considerations

Namespace registration: CMI Package urn:oma:xml:cmi:package:1.0

(http://www.openmobilealliance.org/Tech/omna/omna-schema-namespaces.aspx)

7. Conformance Requirements Notation Details

This section is informative

The tables in following chapters use the following notation:

Item: Entry in this column MUST be a valid ScrItem according to [SCRRULES].

Feature/Application: Entry in this column SHOULD be a short descriptive label to the **Item** in question.

Requirement: Expression in the column MUST be a valid TerminalExpression according to [SCRRULES] and it MUST accurately reflect the architectural requirement of the **Item** in question.

8. ERDEF for CMI- Client Requirements

This section is normative.

Item	Feature / Application	Requirement
Not yet available		

Table 2: ERDEF for CMI Client-side Requirements

9. ERDEF for CMI- Server Requirements

This section is normative.

Item	Feature / Application	Requirement
Not yet available		

Table 3: ERDEF for CMI Server-side Requirements

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2   Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELD-CMI-V1_0	21 Nov 2008	all	Initial draft version
	26 Nov 2008	5	Update of RD version
	17 Dec 2008	5	Update of RD version
Candidate Version OMA-ERELD-CMI-V1_0	27 Jan 2009	n/a	Status changed to Candidate by TP TP ref #OMA-TP-2009-0011- INP_CMI_V1_0_RD_for_Candidate_Approval.zip
Draft Versions OMA-ERELD-CMI-V1_0	06 May 2009	5	Document Listing Updated with latest documents
	07 May 2009	5	Document Listing Updated with latest AD
	28 Aug 2009	5	Document Listing updated with latest documents
Candidate Version OMA-ERELD-CMI-V1_0	22 Sep 2009	5	Status changed to Candidate by TP TP ref # OMA-TP-2009-0428- INP_CMI_V1_0_RD_for_Candidate_Re_Approval
Draft Versions OMA-ERELD-CMI-V1_0	21 Oct 2009	5	Document Listing updated with latest documents
	27 Oct 2009	4 & 5	Incorporate Agreed CR (following CONR): OMA-CD-CMI-2009-0122R02-CR_Address_ERELD_A001_A002 Updated Document Listing
	28 Oct 2009	5	Updated Document Listing for Schema file
	02 Nov 2009	5, 6	Incorporate Agreed CR: OMA-CD-CMI-2009-0145 Updated OMNA considerations and Document Listing
Candidate Version OMA-ERELD-CMI-V1_0	01 Dec 2009	All	Status changed to Candidate by TP TP ref # OMA-TP-2009-0527- INP_CMI_V1_0_ERP_for_Candidate_Approval