Reference Release Definition for

Guidelines for RESTful Network APIs

Candidate Version 1.0 – 31 Jan 2012

Open Mobile Alliance

OMA-RRELD-REST_NetAPI_Guidelines-V1_0-20120131-C

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1. Scope

The scope of this document is limited to the Reference Release Definition of Guidelines for RESTful Network APIs 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

2.2 Informative References

[OMADICT]	"Dictionary for OMA Specifications", Version 2.8, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_8, 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" 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.

3.3 Abbreviations

API	Application Programming Interface
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
RRELD	Reference Release Definition
REST	Representational State Transfer
WP	White Paper

4. Release Version Overview

This Reference Release provides WP on Guidelines for development of Network API specifications in OMA based on REST architecture style.

4.1 Version 1.0 Functionality

This Reference Release is aiming to assist API designers in OMA for defining RESTful Network API specifications by providing design recommendations and pointing at good design practices. The Reference Release consists of a number of recommendations and examples on how to solve certain API design issues.

5. Document Listing for Guidelines for RESTful Network APIs

This section is normative.

Doc Ref	Permanent Document Reference	Description
White Paper		
[REST_NetAPI_Guidelines]	OMA-WP-Guidelines_for_RESTful_Network_APIs-20120131-C	White Paper on Guidelines for development of RESTful Network APIs in OMA

Table 1: Listing of Documents in Guidelines for RESTful Network APIs Reference Release

6. OMNA Considerations

This release does not have any OMNA items for handling.

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-RRELD- REST_NetAPI_Guidelines-V1_0	29 Jun 2011	All	Initial draft baseline document, as per OMA-ARC-REST-NetAPI-2011-0083-INP_RRELD_WP_Guidelines. Al REST-NetAPI-2011-A072 considered also.
	20 Sep 2011	5	Updated document number for referred permanent document
	19 Oct 2011	5	Updated permanent document reference to reflect new revision of WP Guidelines
	20 Dec 2011	2, 5	Editorial changes. Refrences in section 2 changed from hyperlink type to normal text trype. In addition, updated permanent document reference in section 5 to reflect new revision of WP Guidelines
Candidate Version OMA-RRELD- REST_NetAPI_Guidelines-V1_0	31 Jan 2012	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0002-INP_REST_NetAPI_Guidelines_1_0_RRP_for_Candidate_Approval