SOAP bindings for Multimedia Conference

Candidate Version 1.0 – 07 Dec 2010

Open Mobile Alliance

OMA-TS-NGSI_S_Multimedia_Conference-V1_0-20101207-C

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Contents

Figures

None.

Tables

1. Scope

This document specifies the SOAP binding for NGSI-7 interface [NGSI Call Control and Configuration]. As NGSI-7 is an extension to Parlay-X Part 12 [3GPP TS 29.199-12] and all the corresponding WSDL files from Parlay-X Part 12 are affected by the extensions defined by NGSI-7, all the corresponding WSDL files are provided together.

2. References

2.1 Normative References

[3GPP TS 29.199-12]	"Open Service Access (OSA) Parlay X web services; Part 12: Multimedia Conference", 3GPP TS 29.199-12 Rel. 8, URL:http://www.3gpp.org/
[NGSI Call Control and Configuration]	"NGSI Call Control and Configuration", Open Mobile Alliance™, OMA-TS-NGSI_Call_Control_ and_Configuration -V1_0, URL:http://www.openmobilealliance.org/
[NGSI-SUP-MultimediaConference]	"WSDL package for NGSI Multimedia Conference", Open Mobile Alliance™, OMA-SUP-WSDL_ngsi_multimedia_conference-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 2.8, 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 "Introduction", are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

None in this version

3.3 Abbreviations

OMA   Open Mobile Alliance

NGSI   Next Generation Service Interfaces

NGSI-S   SOAP Bindings for NGSI

4. Introduction

The NGSI_Multimedia Conference_Extension interface extends Parlay-X Multimedia Conference interface (Part 12). The XSD file and WSDL files from Parlay-X Part 12 are used as basis for the extended data files.

To ensure consistency for the usage of the extended Parlay X Part 12 interface and to respect the references between the interfaces and the related XSD file, this specification provides all updated WSDL and XSD files.

4.1   Version 1.0

This specification provides the SOAP binding for the NGSI-7 interfaces as specified in [NGSI Call Control and Configuration]. The WSDL representation and the verification files as listed in section 5 are contained in the support file [NGSI-SUP-MultimediaConference].

5. WSDL for Multimedia Conference

The WSDL representation for the NGSI-7 interface is contained in the support file [NGSI-SUP-MultimediaConference] and consists of the following files:

- ngsi_multimedia_conference_interface-v1_0.wsdl

- ngsi_multimedia_conference_service-v1_0.wsdl

- ngsi_multimedia_conference_types-v1_0.xsd

The above WSDL files can be verified using the following files:

- ngsi7_wsdl2Java_axis-1_4.bat

- ngsi7_wsdl2Java_axis2-1_4_1.bat

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
None yet.		

A.2   Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions: OMA-TS- NGSI_S_Multimedia_Conference-V1_0	12 Aug 2010	All	Skeleton document created
	09 Sep 2010	Many	CR OMA-ARC-NGSI-2010-0179R01 implemented Placeholders removed where appropriate
	20 Oct 2010	Many	CRs implemented - OMA-ARC-NGSI-2010-0213 - OMA-ARC-NGSI-2010-0206 One editorial fix of a reference (in line with OMA-ARC-NGSI-2010-0193R01)
	21 Oct 2010	4.1, 3.3	Group's review of confcall 21 Oct 2010
Candidate Version: OMA-TS- NGSI_S_Multimedia_Conference-V1_0	07 Dec 2010	All	Status changed to Candidate by TP: OMA-TP-2010-0500-INP_NGSI_S_V1_0_ERP_for_Candidate_Approval

Appendix B.   Static Conformance Requirements   (Normative)

The notation used in this appendix is specified in [SCRRULES].

The "Reference" column of the SCR tables below refers to a section in this document. Additionally, this column also refers to the appropriate section in the TS of the abstract interface definitions, if applicable. Additionally, this column also refers to the appropriate section in the TS of the abstract interface definitions, if applicable.

Hereby, CCC-x stands for section x in [NGSI Call Control and Configuration] and PX12-x stands for section x in [3GPP TS 29.199-12].

B.1   SCR for NGSI-7 Server

Item	Function	Reference	Requirement
NGSI-7-SUPPORT-S-001-M	Support for the Multimedia Conference extension Interface (NGSI-7)	5, CCC-8.1	
NGSI-7-SUPPORT-S-002-M	Support for the SOAP/ XML request & response format	5	

Table 1SCR for NGSI-7 Server Functions

B.2   SCR for NGSI-7.MMC Server

Item	Function	Reference	Requirement
NGSI-7-MMC-S-001-M	Support for the MultimediaConference interface	5, PX12-8.1	
NGSI-7-MMC-S-002-O	Support for the NGSI-7 extensions of the ConferenceInfo structure	5, CCC-8.1.2.1	
NGSI-7-MMC-S-003-O	Support for the NGSI-7 extensions of the ParticipantInfo structure	5, CCC-8.1.2.4	
NGSI-7-MMC-S-004-O	Support for the SetupConference operation	5, CCC-8.1.3.1.1	
NGSI-7-MMC-S-005-O	Support for the RecordConference operation	5, CCC-8.1.3.1.2	
NGSI-7-MMC-S-006-O	Support for the GetConferenceRecordingStatus operation	5, CCC-8.1.3.1.3	
NGSI-7-MMC-S-007-O	Support for the RetrieveRecordedConferenceMedia operation	5, CCC-8.1.3.1.4	
NGSI-7-MMC-S-009-O	Support for the ConferenceControl operation	5, CCC-8.1.3.1.5	
NGSI-7-MMC-S-010-O	Support for the SideConference operation	5, CCC-8.1.3.1.6	
NGSI-7-MMC-S-011-O	Support for NGSI-7 fault definitions	5, CCC-8.1.4	

Table 2 SCR for NGSI-7 Multimedia Conference Server Functions