
Call for Participation: AMQP Bindings and Mappings TC

Submitted by censign on Wed, 2012-10-24 17:34

Type:

Call for Participation

A new OASIS technical committee is being formed. The OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings (AMQP-BINDMAP) Technical Committee has been proposed by the members of OASIS listed in the charter below. The TC name, statement of purpose, scope, list of deliverables, audience, IPR mode and language specified in the proposal will constitute the TC's official charter. Submissions of technology for consideration by the TC, and the beginning of technical discussions, may occur no sooner than the TC's first meeting.

The eligibility requirements for becoming a participant in the TC at the first meeting are:

- (a) you must be an employee or designee of an OASIS member organization or an individual member of OASIS, and?
- (b) you must join the Technical Committee, which members may do by using the Roster "join group" link on the TC's web page at [a].

To be considered a voting member at the first meeting:

- (a) you must join the Technical Committee at least 7 days prior to the first meeting (on or before 20 November 2012); and
- ?(b) you must attend the first meeting of the TC, at the time and date fixed below (27 November 2012).

Participants also may join the TC at a later time. OASIS and the TC welcomes all interested parties.

Non-OASIS members who wish to participate may contact us about joining OASIS [b]. In addition, the public may access the information resources maintained for each TC: a mail list archive, document repository and public comments facility, which will be linked from the TC's public home page at [c].

Please feel free to forward this announcement to any other appropriate lists. OASIS is an open standards organization; we encourage your participation.

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[a] <https://www.oasis-open.org/apps/org/workgroup/amqp-bindmap/> [1] ?

[b] See <http://www.oasis-open.org/join/>?

[c] <http://www.oasis-open.org/committees/amqp-bindmap/> [2]

(1) Charter of the Technical Committee

(1)(a) Name of the TC

OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings (AMQP-BINDMAP) Technical Committee (TC)

(1)(b) Statement of Purpose

The purpose of the AMQP Bindings and Mappings (AMQP-BINDMAP) TC is to define bindings of AMQP 1.0 core protocol [1] to underlying transports other than TCP, to define mappings of the AMQP 1.0 core protocol to existing well-known programming APIs, and to define representations of the AMQP 1.0 message format in existing well-known languages.

(1)(c) Scope of Work

The TC will accept relevant proposals for defining bindings of AMQP 1.0 core protocol [1] to underlying transports other than TCP, mappings of the AMQP 1.0 core protocol [1] to existing well-known programming APIs, and representations of the AMQP 1.0 message format in existing well-known languages, and work to produce OASIS Standard specifications for them, including necessary XML renderings.

Examples include, but are not limited to:

- A mapping between the JMS API v1.1 and AMQP v1.0 which would:

- o Provide a standard mapping between JMS and AMQP types.
- o Provide a standard mapping between the JMS Message model and the AMQP message model.
- o Define which extensions capabilities (if any) to the core AMQP specification are necessary for an AMQP container to act as a full JMS Message Provider to any JMS client written in accordance with the AMQP JMS Mapping specification.

- A binding of AMQP connection semantics to the WebSocket protocol which would:

- o Define the wire format for AMQP frames on a WebSocket connection.
- o Detail the relationship between the core AMQP security model and the authentication mechanisms associated with an HTTP session.

Bindings of AMQP to alternative transports will preserve, the semantics associated with the performatives defined in the AMQP 1.0 core protocol [1], and the encoding of AMQP messages.

Mappings of the AMQP 1.0 core protocol [1] to programming APIs will not rely on extensions to the AMQP 1.0 core protocol [1], except through the use of the defined extension capability registries. Any such extensions will be kept to a minimum, will be generally meaningful and not restricted to the use of any given API mapping.

Any work not reasonably covered by the Scope of Work is deemed to be out of scope.

(1)(d) Deliverables

The TC will produce OASIS Standard versions of such AMQP binding and mapping specifications, including

representations of the AMQP 1.0 message format in existing well-known languages, and may advance those specifications to ISO/IEC JTC 1 through the JTC 1 PAS Transposition Process. The TC expects to produce the OASIS Standard version of some of those specifications within 18 months from its first meeting.

The TC will maintain previously adopted deliverables and provide minor revisions of those deliverables, in order to clarify ambiguities, inconsistencies, and obvious errors.

(1)(e) IPR Mode

This TC will operate under RF on RAND Terms IPR mode as defined in the OASIS Intellectual Property Rights (IPR) Policy effective 21 June 2012.

(1)(f) Anticipated Audience

Anticipated audience for this work includes AMQP users and middleware implementers.

(1)(g) Language

TC business will be conducted in English.

References

[1] OASIS AMQP Version 1.0 Specification <http://docs.oasis-open.org/amqp/core/v1.0/amqp-core-complete-v1.0.pdf> [3]

(2) Non-normative information regarding the startup of the TC

(2)(a) Similar Work

There is no similar work being done in OASIS or to our knowledge in any other organizations.

(2)(b) Date, Time, and Location of First Meeting

The first meeting of the TC will be held by teleconference on November 27, 2012 during 8-9am PT. This meeting will be sponsored by Microsoft.

(2)(c) On-Going Meeting Plans & Sponsors

It is anticipated that the TC will meet weekly via teleconference and if needed meet face-to-face every 2-3 months at a time and location to be determined by the TC members. At its first meeting, the TC will setup an on-going meeting schedule and determine who will sponsor these meetings.

(2)(d) Proposers of the TC

Andreas Moravec, Andreas.Moravec@deutsche-boerse.com [4] Deutsche Boerse AG

Mark Blair, mark.blair@credit-suisse.com [5] Credit Suisse

Prasad Yendluri, prasad.yendluri@softwareag.com [6] Software AG

Andreas Mueller, am@iit.de [7] IIT Software GmbH

Winston Bumpus, wbumpus@vmware.com [8] Director of Standards Architecture, VMware. Inc.

Abbie Barbir, Barbir, abbie.barbir@bankofamerica.com [9] Bank of America

Mark Little, mlittle@redhat.com [10] Red Hat

Ram Jeyaraman, Ram.Jeyaraman@microsoft.com [11], Microsoft

Angus Telfer, art@inetco.com [12] CTO of INETCO Systems Limited.

Allan Beck, allan.beck@jpmorgan.com [13] JPMorgan Chase

Larry Neumann, Larry.Neumann@SolaceSystems.com [14] Solace Systems.

(2)(e) Statement of Support

Andreas Moravec, andreas.moravec@deutsche-boerse.com [15] Deutsche Boerse AG: As the Primary Representative for Deutsche Boerse AG, I support the goals of the proposed OASIS AMQP Bindings and Mappings Technical Committee (AMQP-BINDMAP) as described in this Charter.

Mark Blair, mark.blair@credit-suisse.com [5] Credit Suisse: As the primary representative for Credit Suisse, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Prasad Yendluri, prasad.yendluri@softwareag.com [6] Software AG: As the primary representative for Software AG, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Andreas Mueller, am@iit.de [7] IIT Software GmbH: As the Primary Representative for IIT Software GmbH, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Winston Bumpus, wbumpus@vmware.com [8] Director of Standards Architecture, VMware. Inc: As the Primary Representative for VMware, Inc., I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Abbie Barbir, abbie.barbir@bankofamerica.com [9] Bank of America: As the primary representative for Bank of America, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Mark Little, mlittle@redhat.com [10] Red Hat: As the Primary Representative for Red Hat, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Ram Jeyaraman, Ram.Jeyaraman@microsoft.com [11] Microsoft: As the Primary Representative for Microsoft, I am pleased to offer our support for the creation of this Technical Committee.

Angus Telfer, art@inetco.com [12] CTO of INETCO Systems Limited: As the primary representative for INETCO Systems Limited, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

Allan Beck, allan.beck@jpmorgan.com [13] JPMorgan Chase: As the Primary Representative for JPMorgan Chase, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in the Charter.

Larry Neumann, Larry.Neumann@SolaceSystems.com [14] Solace Systems: As the Primary Representative for Solace, I support the goals of the proposed OASIS Advanced Message Queuing Protocol (AMQP) Bindings and Mappings Technical Committee as described in this Charter.

(f) TC Convener

The TC Convener for the first meeting will be Laurie Bryson, laurie.m.bryson@jpmorgan.com [16], JPMorgan Chase.

(g) Affiliation to Member Section

It is intended that this TC will be affiliated with the AMQP Member Section.

(h) List of anticipated contributions

None

(i) Frequently Asked Questions (FAQ) relating to the planned scope of the TC

None

(j) Proposed working title and acronym for the specification(s) to be developed by the TC

None

Associated TC:

Advanced Message Queuing Protocol (AMQP) Bindings and Mappings (AMQP-BINDMAP)

Associated MS:

amqp-ms

Deadline:

Wed, 2012-10-24 - Tue, 2012-11-27

Links:

[1] <https://www.oasis-open.org/apps/org/workgroup/amqp-bindmap/>

[2] <http://www.oasis-open.org/committees/amqp-bindmap/>

[3] <http://docs.oasis-open.org/amqp/core/v1.0/amqp-core-complete-v1.0.pdf>

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