



Working Group Charter: Web Services Basic Profile

Web Services Basic Profile (wsbasic)

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This Working Group will produce the Web Services Basic Profile.

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1. Goals and Mission

The Web Services Basic Profile Working Group will establish templates for the development of Profiles for WS-I, and will develop the Web Services Basic Profile to validate its applicability to a set of “real world” problems. Activities will include the development of a template for WS-I Profiles and a White Paper supporting the profile development process.

This work will closely align itself to the work the Sample Applications and Scenarios team is engaged in to ensure that the profile covers the scenarios defined by that working group.

2. Working Group Chair, Co-Chair and Membership

Chair: Keith Ballinger, Microsoft

The Chair will be appointed by the WS-I Board.

The Co-Chair and membership will be determined as a part of the WS-I community activity.

3. Team Size and Responsibilities

This Working Group should contain 50 persons or less. Participants should include, but not be limited to, those engaged in Web service development, software architects, and experts in one or more of the related specifications [XML, XML Namespaces, XML Base, XML Schema, SOAP, WSDL, and/or UDDI].

4. Scope of Effort

This Working Group will focus on the development of the Web Services Basic Profile and on the development of ancillary material which serves to ground the development of the Web Services Basic Profile which will be useful in guiding future development of Web Services Profiles.

This group will work closely with the Sample Applications and Scenarios working group to ensure that the profile covers the scenarios defined by that team.

The Web Services Basic Profile 1.0 will be based upon the following specifications:

1. SOAP 1.1, including material related to
 - a. Namespaces in XML
 - b. XML 1.0 Second Edition
2. WSDL 1.1 including material related to
 - a. XML Schema 2001 Part 1: Structures
 - b. XML Schema 2001 Part 2: Datatypes
3. UDDI 2.0 (which includes support for UDDI 1.0 interfaces)

The Working Group must also address interoperability issues with other specifications, such as HTTP 1.1, that are referenced by those listed above. The elements of protocol, description, and discovery must each be addressed in the Working Group deliverables.

In addition, the Board requests that the Working Group consider and make recommendations concerning the issues surrounding profile versioning and composition.

The working group is also charged with addressing the issue of incorporating support for attachments in a follow-on minor revision of the Web Services Basic Profile, henceforth to be named Web Services Basic Profile 1.1. The Web Services Basic Profile 1.1 shall have as its foundation the Web Services Basic Profile 1.0 plus:

4. SOAP Messages with Attachments, W3C Note, 11 December 2000

Additionally, the WG is charged with incorporating into the Web Services Basic Profile 1.1 specification an agreed-upon, interoperable WSDL extension that allows Web services that support and/or require the use of attachments in accordance with the SOAP Messages with Attachments specification to be described.

The working group is charged with ensuring to the best of its abilities that Web services instances and artifacts that are conformant with the Web Services Basic Profile 1.0 remain conformant to the Web Services Basic Profile 1.1.

Unless approved by the Board, this Working Group will not develop other material for any profile other than the Web Services Basic Profile, or base material not required to support any WS-I effort other than the development of the Web Services Basic Profile.

5. Duration of Working Group

This Working Group will produce deliverables for circulation to the Working Group for approval on or before the dates specified in section 6 (below). The Working Group will then remain active through the “Adoption of Material” process as per Article VII, Section 6 of the WS-I Bylaws. The Board may, at its discretion, extend the Working Groups term to accommodate rework associated with proposed changes from Working Group members, the Board, and the WS-I Membership.

6. Required Deliverables

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1. Web Services Basic Profile 1.0 Approval Draft¹

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1. Web Services Basic Profile 1.1 Candidate Approval Draft¹

7. Critical Dependencies with Other WS-I Working Groups

1. The Web Services Basic Sample Application Working Group will seek to implement Sample Applications and defines scenarios which are supported within the Web Services Basic Profile, and more specifically with one or more of the Web Services Basic Sample Scenarios. The profile will take as a requirement the scenarios this team produces.
2. The Test Tools Development Working Group will seek to develop Tool functionality conforming to the Web Services Basic Profile.

¹ Profile includes (by definition) both usage of specifications and related guidelines.