Working Group Charter:

Basic Profile 1.2 and 2.0

Web Services Basic Profile (wsbasic)

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Document Editors:
     WS-I Secretary (secretary@ws-i.org)

This Working Group will produce the Web Services Basic Profile versions 1.2 and 2.0 and will complete remaining work on the Web Services Basic Profile version 1.1, Simple SOAP Binding Profile 1.0, and Attachments Profile 1.0.

Table of Contents

1. Goals and Mission

The Basic Profile Working Group will develop the Basic Profile versions 1.2 and 2.0 (wsi_wsbasic). Basic Profile 1.2 will provide interoperability guidance for the scope of Basic Profile 1.1 and with the addition of WS-Addressing. Basic Profile 2.0 will provide interoperability guidance for the following specifications: W3C WS-Addressing 1.0, W3C MTOM 2005-01-25, W3C XOP 2005-01-25, W3C SOAP 1.2 and any normatively referenced specifications, such as IETF RFCs.

Prior to commencing profile development, the Working Group will develop requirements and scenarios documents which clearly define interoperability issues that motivate profile guidance.

The Working Group shall make every effort to enable composition with Basic Security Profile versions 1.0 and 1.1. The Working Group shall also coordinate closely with the development of the Secure Reliable Messaging Profile 1.0 to enable similar levels of composition.

2. Working Group Chair, Co-Chair and Membership

Chair: Chris Ferris

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

50
51 ## 3. Team Size and Responsibilities
52
53 Participants should include, but not be limited to, those engaged in Web service
54 development, software architects, and experts in one or more of the related
55 specifications.
56
57 ## 4. Scope of Effort
58
59 This Working Group will focus on the development of the Basic Profile versions 1.2 and
60 2.0. WSDL 2.0 [1] guidance is explicitly out of scope for this Working Group.
61
62 The Basic Profile 1.2 will be based upon the following specifications:
63 1. WS-I Basic Profile 1.1 [2]
64 2. W3C WS-Addressing 1.0 - Core [3] ***
65 3. W3C WS-Addressing 1.0 - SOAP Binding [4] ***
66 4. W3C WS-Addressing 1.0 – WSDL Binding [5] ***
67 5. SOAP 1.1 Binding for MTOM 1.0 [6]
68 6. Describing Media Content of Binary Data in XML [7]
69 7. Resource Representation SOAP Header Block [8]
70
71 The Basic Profile 1.2 should include the minimum number of changes required to
72 incorporate WS-Addressing and allow for composition with the Secure Reliable
73 Messaging Profile 1.0. Once the Basic Profile 1.2 is progressed to Working Group
74 Approval draft, the Working Group will next focus on development of Basic Profile 2.0.
75
76 The Basic Profile 2.0 will be based upon the following specifications **:
77 1. W3C WS-Addressing 1.0 - Core ***
78 2. W3C WS-Addressing 1.0 - SOAP Binding ***
79 3. W3C WS-Addressing 1.0 – WSDL Binding ***
80 4. W3C SOAP Version 1.2 Part 1: Messaging Framework [9]
81 5. W3C SOAP Version 1.2 Part 2: Adjuncts [10]
82 6. W3C Message Transmission Optimization Method [11]
83 7. W3C XML-binary Optimized Packaging [12]
84 8. W3C Namespaces in XML [13]
85 9. W3C XML 1.0 Second Edition [14]
86 10. W3C WSDL 1.1 [15]
87 11. W3C XML Schema 2001 Part 1: Structures [16]
88 12. W3C XML Schema 2001 Part 2: Datatypes [17]
89 13. OASIS UDDI 2 [18]
90 14. OASIS UDDI 3 [19]
91 15. WSDL 1.1 Binding Extension for SOAP 1.2 [20]
92 16. Describing Media Content of Binary Data in XML
93 17. Resource Representation SOAP Header Block
94
95 The Basic Profile version 2.0, when practical, should cleanly compose with the
96 following specifications:
97
98 Basic Security Profile 1.0 and related profiles:
99 1. WS-I Basic Security Profile 1.0 [21]
100 2. WS-I REL Token Profile 1.0 [22]
101 3. WS-I Kerberos Token Profile 1.0 [23]
102 4. WS-I SAML Token Profile 1.0 [24]
103

104   Basic Security Profile 1.1 and related profiles:
105   5. WS-I Basic Security Profile 1.1 [25]
106   6. WS-I REL Token Profile 1.1 [26]
107   7. WS-I Kerberos Token Profile 1.0
108   8. WS-I SAML Token Profile 1.0
109
110   Reliable Secure Profile 1.0:
111   9. WS-I Reliable Secure Profile 1.0 [27] *
112
113   * The Basic Profile Working Group will coordinate closely with the Reliable Secure
114   Working Group as their respective profiles are developed. Steps should be taken to
115   ensure clean composition between these profiles.
116   ** In order to have clean composition between specifications, the Board is expected to
117   extend the list of referenced specifications for additional bindings as appropriate.
118   *** The referenced specification must be a W3C PR before the respective Basic Profile
119   versions are advanced to WGAD status. The WS-I Board will not take the profile to Final
120   Material until the referenced specifications become W3C REC. In the event that the
121   referenced specification is reclassified as a W3C Working Group Note, this restriction
122   does not apply.
123
124   The scenarios and requirements work should consider interoperability issues identified
125   across a wide range of Web services applications (e.g., mobile, devices, intermediaries,
126   enterprise applications, etc.)
127
128   Finally, the WG is charged with collaborating with the Liaison Committee to produce
129   derivative material of the WS-I Basic Profile 1.1, Simple SOAP Binding Profile 1.0 [28]
130   and Attachments Profile 1.0 [29] that satisfies the requirements of a formal ISO PAS
131   submission of these specifications.
132
133   Unless approved by the Board, this Working Group will not develop material for any
134   profiles other than the Basic Profile versions 1.2 and 2.0, or create deliverables not
135   explicitly defined in this charter.
136
137 **5. Duration of Working Group**
138
139   This Working Group will produce deliverables for circulation to the Board for approval
140   on   or   before   the   dates   specified   in   section   6
141   (below). The Working Group will then remain active through the "Adoption of Material"
142   process as per Article VII, Section 6 of the WS-I Bylaws. The Board may, at its
143   discretion, extend the Working Groups term to accommodate rework associated with
144   proposed changes from Working Group members, the Board, and the WS-I Membership
145   and/or the development of Errata for deliverables defined in this Profile.
146
147 **6. Required Deliverables**
148
149   June 2006
150   1. Web Services Basic Profile 1.1, Simple SOAP Binding Profile 1.0, Attachments
151   Profile 1.0 PAS submission
152
153   July 2006
154   2. A requirements document based upon interoperability scenarios, including use of
155   BSP 1.1 to include security requirements, that are independent of reference to
156   particular technologies or standards, and encompassing the scope of Basic Profile
157   1.2 and 2.0.
158

159　　　　August 2006
160　　　　3.　Basic Messaging Usage Scenarios Working Group Approval Draft, supporting the
161　　　　　　requirements specified in item 2 above.
162
163　　　　September 2006
164　　　　4.　Basic Profile 1.2 Working Group Approval Draft.
165
166　　　　October 2006
167　　　　5.　Basic Profile 2.0 Working Group Approval Draft.
168　　　　6.　Gap analysis which includes a list of requirements and interoperability scenarios
169　　　　　　that can not be satisfied because of a lack of standardization or published
170　　　　　　protocols. This gap analysis will include recommendations on what steps should be
171　　　　　　completed to close those gaps.
172

173　**7. Critical Dependencies with Other WS-I Working Groups**
174
175　　　　1.　The Web Services Sample Application Working Group will seek to implement
176　　　　　　Sample Applications that incorporate interoperability scenarios identified as a part
177　　　　　　of the Basic Profile 2.0 development.
178　　　　2.　The Test Tools Development Working Group will seek to develop Tool functionality
179　　　　　　to help verify conformance to Basic Profile 2.0.
180　　　　3.　The Secure Reliable Messaging Working Group has key dependencies on the
181　　　　　　development of Basic Profile versions 1.2 and 2.0. Ongoing coordination is
182　　　　　　required.
183

184　**8. References**
185
186　[1]　　WSDL 2.0
187　　　　http://www.w3.org/TR/wsdl20/
188
189　[2]　　WS-I Basic Profile 1.1.
190　　　　http://www.ws-i.org/Profiles/BasicProfile-1.1.html
191
192　　　　Basic Profile 1.1 Errata
193　　　　http://www.ws-i.org/Profiles/BasicProfile-1.1-errata.html
194
195　[3]　　W3C WS-Addressing 1.0 - Core.
196　　　　http://www.w3.org/TR/2006/PR-ws-addr-core-20060321
197
198　[4]　　W3C WS-Addressing 1.0 – SOAP Binding.
199　　　　http://www.w3.org/TR/2006/PR-ws-addr-soap-20060321
200
201　[5]　　W3C WS-Addressing 1.0 – WSDL Binding.
202　　　　http://www.w3c.org/TR/ws-addr-wsdl/
203
204　[6]　　SOAP 1.1 Binding for MTOM 1.0
205　　　　[TBD]
206
207　[7]　　Describing Media Content of Binary Data in XML W3C WG Note
208　　　　http://www.w3.org/TR/2005/NOTE-xml-media-types-20050504/
209
210　[8]　　Resource Representation SOAP Header Block W3C REC
211　　　　http://www.w3.org/TR/2005/REC-soap12-rep-20050125/
212

213 [9]   W3C SOAP Version 1.2 Part 1: Messaging Framework.
214   http://www.w3.org/TR/2003/REC-soap12-part1-20030624/
215

216 [10]   W3C SOAP Version 1.2 Part 2: Adjuncts.
217   http://www.w3.org/TR/2003/REC-soap12-part2-20030624/
218

219 [11]   W3C SOAP Message Transmission Optimization Method.
220   http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/
221

222 [12]   W3C XML-binary Optimized Packaging.
223   http://www.w3.org/TR/2005/REC-xop10-20050125/
224

225 [13]   W3C Namespaces in XML.
226   http://www.w3.org/TR/1999/REC-xml-names-19990114/
227

228 [14]   W3C XML 1.0 Second Edition.
229   http://www.w3.org/TR/2000/REC-xml-20001006
230

231 [15]   W3C Web Services Description Language 1.1.
232   http://www.w3.org/TR/2001/NOTE-wsdl-20010315
233

234 [16]   W3C XML Schema 2001 Part 1: Structures.
235   http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/
236

237 [17]   W3C XML Schema 2001 Part 2: Datatypes.
238   http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/
239

240 [18]   UDDI 2 references
241

242   UDDI Version 2.04 API Specification, Dated 19 July 2002
243   http://uddi.org/pubs/ProgrammersAPI-V2.04-Published-20020719.htm
244

245   UDDI Version 2.03 Data Structure Reference, Dated 19 July 2002
246   http://uddi.org/pubs/DataStructure-V2.03-Published-20020719.htm
247

248   UDDI Version 2 XML Schema
249   http://uddi.org/schema/uddi_v2.xsd
250

251 [19]   UDDI 3 references
252

253   UDDI Version 3.0.2, UDDI Spec Technical Committee Draft, Dated 20041019
254   http://uddi.org/pubs/uddi-v3.0.2-20041019.htm
255

256   UDDI Version 3.0.2 XML Schema
257   http://uddi.org/schema/uddi_v3.xsd
258

259 [20]   WSDL 1.1 Binding Extension for SOAP 1.2
260   http://schemas.xmlsoap.org/wsdl/soap12/
261

262 [21]   WS-I Basic Security Profile 1.0.
263   http://www.ws-i.org/Profiles/BasicSecurityProfile-1.0.html
264

265 [22]   WS-I REL Token Profile 1.0.
266   http://www.ws-i.org/Profiles/RELTokenProfile-1.0.html
267

268 [23]   WS-I Kerberos Token Profile 1.0.
269   http://www.ws-i.org/Profiles/KerberosTokenProfile-1.0.html
270
271 [24]   WS-I SAML Token Profile 1.0.
272   http://www.ws-i.org/Profiles/SAMLTokenProfile-1.0.html
273
274 [25]   WS-I Basic Security Profile 1.1. [TBD]
275
276 [26]   WS-I REL Token Profile 1.1. [TBD]
277
278 [27]   WS-I Secure Reliable Messaging Profile 1.0. [TBD]
279
280 [28]   Simple SOAP Binding Profile 1.0
281   http://www.ws-i.org/Profiles/SimpleSoapBindingProfile-1.0.html
282
283 [29]   Attachments Profile 1.0
284   http://www.ws-i.org/Profiles/AttachmentsProfile-1.0.html
285
286   Attachments Profile 1.0 Errata
287   http://www.ws-i.org/Profiles/AttachmentsProfile-1.0-errata.html
288