Working Group Charter:
Web Services Basic Profile Testing

Web Services Basic Profile Testing (wsi_test)

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This Working Group will produce Test Material required for WS-I Web Service compliance testing, with functionality required to configure these tools to test for conformance with the Web Services Basic Profile. The Test Tools Development Working Group will also create supporting documentation and process as required to support the development of Test Material for testing conformance to future Profile requirements.

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1. Goals and Mission

The Test Working Group will develop the supporting documentation and process for WS-I Test Tools development, and will develop the Test Materials used to test Web service implementations for conformance with the Web Services Basic profile.

2. Working Group Chair

Chair: Jacques Durand, Fujitsu

3. Scope of Effort

This Working Group will develop WS-I Test Material necessary to verify Web services compliance with the Web Services Basic Profile.

This work should be undertaken with the intent that this Test Material will be used to test for compliance with other WS-I Profiles.

This Working Group will not develop WS-I Profiles, Scenarios, Sample Applications, or any material other than that which is listed in the deliverables section of this Charter.
4. Duration of Working Group

This Working Group will produce Working Group Approval draft deliverables for circulation to the Working Group over the period required by the delivery schedule 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.

5. Deliverables

The Test Tools Development Working Group will produce the following deliverables:

1. WS-I Test Methodology White paper
2. WS-I Test Tools Specification supporting profiles 1.0 and 1.1
3. Two or more implementations of Test Tools supporting profiles 1.0 and 1.1, configuration samples and supporting documentation
4. Assertions and Test Conditions supporting profiles 1.0 and 1.1, used as input to the Test Tools
5. WS-I Experience Report: Tool Development as a component of WS-I Profile Development

6. Milestones

Deliverables will be provided from the Working Group to the Board for board approval on a schedule to be agreed and coordinated by the Technical Coordination Group (TCG). Two releases of the set of deliverable items 2, 3 and 4 above (section 5), named here as the “Testing Tool Package”, will be provided:

- Release 1.0 will verify conformance to the Web Services Basic Profile 1.0.
- Release 1.1 will verify conformance to the Web Services Basic Profile 1.1. which will include the following additional capabilities:
  - exchange of attachments, as described in the Web Services Basic Profile 1.1 (specifically, SOAP Messages with Attachments)

The dates by which the Working Group shall produce Working Group Approval drafts of the Testing Tool Packages covered by these Releases are:

- Release 1.0 Testing Tool Package - May 2, 2003
- Release 1.1 Testing Tool Package - July 17, 2003


The completion dates above are subject to the dependencies outlined in Section 7.

7. Critical Dependencies with Other WS-I Working Groups

1. The Test Tool Development Working Group will require the delivery of the Web Services Basic Profile to support the development of Web Services Basic Profile supporting Test Material.
2. The Test Tool Development Working group will use the Sample Applications produced by the Web Services Basic Sample Application Working Group to test their Test Tools and configuration, and will use these as a source of requirements for product features.

3. The Test Tools Development Working Group will seek to develop Tool configuration resources, including test assertions, to test conformance with the Web Services Basic Profile, and will need review of this material by the Basic Profile Working group.