



## Working Group Charter:

# Web Services Basic Profile Sample Applications

### Web Services Basic Profile Sample Applications (wsbasic\_apps)

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This Working Group will define Scenarios that support the Basic Profile and will design Sample Applications that demonstrate the application of those Scenarios. The Working Group will also build and test two or more implementations of the Sample Applications and demonstrate interoperability between the Web services that comprise those implementations.

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### 1. Goals and Mission

The Web Services Basic Profile Sample Application Working Group will define Scenarios that support the Basic Profile and will design Sample Applications that demonstrate the application of those Scenarios. The Working Group will also build and test two or more implementations of the Sample Applications and demonstrate interoperability between the web services that comprise those implementations.

The Scenarios will define common usage models for Web Services (i.e. they will be design patterns) and will be used

1. as requirements to the Basic Profiles Working Group
2. as validation of the output of the Basic Profiles Working Group

Sample Applications will be designed that represent sample solutions to real-world problems and that demonstrate the implementation of the Scenarios. These Sample Applications will be developed in multiple programming languages using multiple development tools.

Sample Applications serve a number of purposes, including:

1. they represent implementations of the Scenarios

2. they facilitate the development and validation of the test tools.
3. they serve as working examples for those attempting to familiarize themselves with Web services, WS-I Profiles, WS-I Sample Scenarios, and WS-I Testing Material.

The Web Services Basic Profile Sample Applications should be developed with these uses in mind. In addition to development of Sample Applications supporting the Web Service Basic Profile, this Working Group will develop template material to support future Scenario and Sample Application development.

## 2. Working Group Chair(s)

Chair: Tony Roby, Accenture  
Co-Chair: Sinisa Zimek, SAP

## 3. Scope of Effort

This Working Group will develop Scenarios and Sample Applications that implement the Scenarios. Both Scenarios and Sample Applications will demonstrate the application and use of the Basic Profile defined by the Web Services Basic Profile Working Group. Finally, this Working Group will develop template material to support future Sample Application development.

This Working Group will not develop material for any other WS-I Profile than the WS-I Basic Profile.

## 4. Duration of Working Group

This Working Group will produce Working Group Approval draft deliverables for circulation to the Working Group on or before the dates specified in Section 5 (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

1. A set (quantity to be determined) of Scenarios that provide requirements and support for the Basic Profile
2. Two or more implementations of Sample Applications and supporting documentation, that demonstrate the application of Scenarios and show interoperability of Web Services built using the WS-I Basic Profile
3. WS-I Sample Application Development Process White Paper, which gives guidance for future Sample Applications development.

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 Deliverables will be provided :

- Release 1.0 will comprise the Scenarios, Use Cases, Design and Implementations of the Sample Applications that demonstrate and conform to the Web Services Basic Profile 1.0.
- Release 1.1 will comprise of the Materials of Release 1.0, updated to demonstrate the implementation of 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 Materials covered by these Releases are :

- Release 1.0 Material Documentation - April 24, 2003
- Release 1.0 Sample Application Packages - May 15, 2003
- Release 1.1 - August 30, 2003

At the time of writing, the implications of the Basic Profile 1.1 on any vendor's platform is unknown. August 30, 2003 is a tentative date for delivery of Release 1.1 of the Sample Applications, however the completion dates above are subject to the dependencies outlined in Section 6.

## 6. Critical Dependencies

The work of this Work Group is subject to the following dependencies :

1. Although application design and development can commence in the absence of a finalized Basic Profile, design and development cannot be completed until the Basic Profile is finalized.
2. Application development cannot be completed until the Testing Tools have been finalized. The Testing Tools are dependent on the finalization of the Basic Profile.
3. Completion of application development is subject to the availability of execution platforms that support the Basic Profile. Individual vendors are dependent on their internal product engineering teams being able to provide the appropriate system software. The release of a Working Group Draft of the applications is tied to this dependency. Final approval and release of Sample Applications is dependent on a critical mass of vendors having platforms and appropriate updates, toolkits etc. available for acquisition from those vendors.