

Replaces:

**ISO/IEC JTC 1
Information Technology**

Document Type: other (defined)

Document Title: WEB SERVICES STUDY GROUP - Summary of Report [JTC 1 N 8745] to the 2008 JTC 1 PLENARY

Document Source: WSSG Convener

Document Status: This document is circulated to JTC 1 National Bodies for review and consideration at the November 2008 JTC 1 Plenary meeting in Nara.

Action ID: ACT

Due Date:

No. of Pages: 15

WEB SERVICES STUDY GROUP

Summary of Report [JTC 1 N 8745]

to the

2008 JTC 1 PLENARY

Don Deutsch, WSSG Chair

Francois Coallier, WSSG Secretariat

10-15 November 2007

Nara, JAPAN

AGENDA

- Overview
 - Background
 - Terms of Reference
 - Participation
- Summary of Previous Reports to JTC 1
- 2008 Activities
- Recommendations

WSSG BACKGROUND

- Established by Resolution 9 at the 2003 JTC 1 Plenary in Singapore
 - Mandate
 - Elaborate a strategy for JTC 1 contributions to Web Services standardization
 - Leadership
 - Chair, Dr. Donald Deutsch (USA)
 - Secretariat, Prof. Francois Coallier (Canada)
- Reported results to 2004 - 2006 JTC 1 Plenaries
 - Berlin Report: [JTC 1 N7588]
 - Banff Report: [JTC 1 N7994]
 - Kruger Report: [JTC 1 N 8359]
 - Gold Coast Report: [JTC 1 N 8744]
- Documents: <http://wssg.logti.etsmtl.ca/>

WSSG TERMS OF REFERENCE

- Assess
 - How JTC 1 activities are relevant to Web Services standardization
 - How the Web Services activities of organizations external to JTC 1 may benefit from JTC 1 involvement
- Initiate
 - Any relevant activities within existing JTC 1 Subcommittees that would increase JTC 1 contribution to Web Services standardization
- Assist
 - Consortia and fora in establishing appropriate liaison with JTC 1

WSSG PARTICIPANTS:

National Bodies

- Canada
- China (New)
- Ireland
- France
- Germany
- Japan
- Norway
- Singapore
- The Netherlands
- United Kingdom
- USA

WSSG PARTICIPANTS:

Other Stakeholders

- JTC 1
Subcommittees:
 - SC 6
 - SC 24
 - SC 27
 - SC 37
- Internal Liaisons:
 - ISO/TC 211
 - ITU-T/SC 17
- External Liaisons and Organizations:
 - ECMA
 - IEEE-CS
 - JCP
 - Liberty Alliance
 - OASIS
 - OMG
 - W3C
 - WS-I

2004 WSSG SUMMARY

- 2 Face-to-Face Meetings (Paris & Montreal)
- Berlin Plenary Resolutions
 - (1) Reconstitute the Study Group on Web Services to:
 - continue work assigned in its charter, and
 - produce an inventory of web services activities.
 - (2) JTC 1 does not currently see value in JTC 1 becoming another venue for the development of Web Services infrastructure standards. JTC 1 does, however, recognize that:
 - ongoing web services work exists in JTC 1 SCs, and
 - related New Work Item proposals in this area may be made in the future.
 - (3) JTC 1 believes that it can contribute to Web services standardization by working cooperatively with consortia and other external organizations and encourages these organizations to consider establishing or strengthening their relationships with JTC 1.

2005 WSSG SUMMARY

- One Teleconference Meeting
- Banff Plenary Resolution 11
 - JTC 1 reconstitutes the Study Group on Web Services to:
 - Continue work assigned in its Terms of Reference (JTC 1 N 7588 Annex B)
 - Implement recommendations from its previous meetings
 - Coordinate with Fast Track and PAS Submitters regarding web services.
 - Produce an inventory of web services activities as a top priority item.
 - Consider future activities for action
 - The Study Group will produce a report, with a summary of actions that have been initiated during its mandate and any remaining action items, for presentation at the JTC 1 2006 Plenary meeting in South Africa.

2006 WSSG SUMMARY

- One Teleconference Meeting
- Kruger Resolution 17
 - JTC 1 will retain responsibility for processing WS-I submissions and for projects related to these submissions.
 - JTC 1 reconstitutes the Study Group on Web Services to:
 - Continue work assigned in its Terms of Reference (JTC 1 N 7588 Annex B)
 - Implement recommendations from its previous meetings
 - If called upon, to assist the JTC 1 Secretariat in processing the WS-I PAS submissions and any other subsequent Web-Services PAS submissions
 - Produce an inventory of web services activities as a top priority item.
 - Consider future activities for action
 - The Study Group will produce a report, with a summary of actions that have been initiated during its mandate and any remaining action items, for presentation at the JTC 1 2007 Plenary Meeting in Australia.

2007 WSSG SUMMARY

- One Teleconference Meeting
- Gold Coast Resolution 34
 - Reconstitution of the Web Services Study Group: JTC 1 reconstitutes the Study Group on Web Services to specially focus on:
 - Support maintaining and making the Web Services Registry widely available, and
 - Assist JTC 1 in processing possible future Web Services PAS submissions
 - The Study Group will produce a report, with a summary of actions that have been initiated during its mandate and any remaining action items, for presentation at the JTC 1 2008 Plenary Meeting in Japan.
- Gold Coast Resolution 35
 - Web Services Study Group Registry: JTC 1 requests its National Bodies, Subcommittees and Liaison Organizations to evaluate the Web Service Registry <<https://wssg-reg.logti.etsmtl.ca>> and to provide comments to the WSSG on the registry, including recommendations on how the registry should be maintained.

2008 WSSG ACTIVITIES

- Three Teleconference Meetings
 - 25 June
 - 11 people representing 5 National Bodies + SC 6 participated
 - Minutes were published in J1 N9201 (WSSG N046)
 - 04 September
 - 13 people representing 7 National Bodies + SC 6 participated
 - Minutes were published in J1 Nxxx (WSSG N057)
 - 10 October
 - 14 people representing 6 National Bodies + SC 6 participated
 - Minutes were published in J1 Nxxx (WSSG N059)
- Topics Considered
 - 2007 Gold Coast Resolution 34 focus items:
 - Web Services Registry Maintenance and Availability
 - Assist JTC 1 In Processing Web Services PAS Submissions
 - China contribution on Service Oriented Architecture (SOA)
 - Handling of Future Web Services Related Work

Gold Coast Resolution 34 Items

- Registry Maintenance
 - No volunteers for ongoing maintenance
 - Solicited input from consortia participants:
 - Oasis & W3C offered access to current status of their work but not to maintain JTC 1 Registry
 - Japan and SC 6 submitted Registry content updates
 - Distributed maintenance trial - Ongoing:
 - Japan, SC 6, & China
 - Possible results by Nara JTC 1 Plenary
 - WSSG Secretariat working on needed enhancements
- Registry Availability
 - JTC 1 Secretariat will put link on JTC 1 Web Site
 - Canada/Université du Québec, École de technologie supérieure will continue to host the Registry for foreseeable future
- Assist JTC 1 In Processing Web Services PAS Submissions
 - No Web Services PAS submissions => WSSG assistance not required

Handling of Future Web Services Work

- **Other Topics Introduced**
 - China contribution on Service Oriented Architecture (SOA)
 - JTC 1 interest in System Integration
- **WSSG Considered 5 Options:**
 1. Disband WSSG and do not identify a mechanism for addressing future Web Services work within JTC 1.
 2. Continue Web Services work as required in a temporary (i.e., established at each Plenary) structure as we have over the past 5 years.
 3. Establish a more permanent organization such as a Special Working Group (SWG)
 4. Assign responsibility for future Web Services work, including the ability to develop new JTC 1 Web Services standards, to an existing JTC 1 SC.
 5. Establish a new TC for Web Services work.
- **WSSG Unanimously Agreed to Recommend Option (2) that JTC 1 Reconstitute the Study Group for One More Year to:**
 - Complete its work on maintaining the Registry, and
 - Consider related work in the areas of SOA (Service Oriented Architecture) and Systems Integration.

WSSG RECOMMENDATIONS

- **Recommendation WSSG-1 – Endorsement of the WSSG report**
 - It is recommended that JTC 1 endorse this report.
- **Recommendation WSSG-2 – Continuation of the WSSG**
 - It is recommended that JTC 1 reconstitute the WSSG for an extra year to continue with its mandate, including the work on the repository. Its charter should be expanded to include the investigation of the SOA framework and systems integration.