ISO/IEC JTC 1 N9816

Replaces:

ISO/IEC JTC 1
Information Technology

Document Type: other (defined)

Document Title: WSSG Convener's Presentation to the October 2009 JTC 1 Plenary Meeting in Tel Aviv

Document Source: WSSG Convener

Project Number:

Document Status: This document is forwarded to JTC 1 National Bodies for review and consideration at the October 2009 JTC 1 Plenary meeting in Tel Aviv.

Action ID: ACT

Due Date:

No. of Pages: 17

ISO/IEC JTC
WEB SERVICES STUDY GROUP (WSSG)
Summary of Report [JTC 1 N 9786]

Don Deutsch, WSSG Chair

Francois Coallier, WSSG Secretariat

2009 JTC 1 Plenary

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

AGENDA

- Overview
  - Background
  - Terms of Reference
  - Participation
- Summary of Previous Reports to JTC 1
- 2009 Activities
- Recommendations

WSSG BACKGROUND

- Established by Resolution 9 at the 2003 JTC 1 Plenary in Singapore with the Mandate to:
  - 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 - 2008 JTC 1 Plenaries
  - 2004: Berlin Report [JTC 1 N7588]
  - 2005: Banff Report [JTC 1 N7994]
  - 2006: Kruger Report [JTC 1 N 8359]
  - 2007: Gold Coast Report [JTC 1 N 8744]
  - 2008: Nara Report [JTC 1 N 9355]
- Documents: http://wssg.logti.etsmtl.ca/
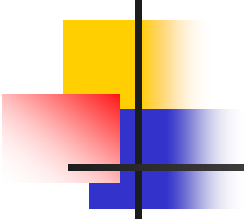
WSSG TERMS OF REFERENCE

- ## 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
- Ireland
- France
- Germany
- Japan

- Norway
- Singapore
- The Netherlands
- United Kingdom
- USA
- Korea (2009)

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

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

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

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.

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

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.

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

2008 WSSG SUMMARY

- Three Teleconference Meetings

- Nara Plenary Resolution 26:
  - JTC 1 reconstitutes the Study Group on Web Services to specially focus on:
    - Completing its work on maintaining the Registry (inventory database of Web Services Standards),
    - Considering related work in the area of SOA (Service Oriented Architecture), and
    - Assisting JTC 1 in processing possible future Web Services PAS and Fast Track submissions
  - The Study Group will produce a report for presentation at the JTC 1 2009 Plenary Meeting in Israel including a summary of actions initiated during its mandate and recommendations for completing any remaining WSSG action items and for addressing Web Services and SOA within JTC 1.

2009 WSSG ACTIVITIES

- Six Teleconference Meetings
  - 19 February
    - 12 people representing 6 countries and 2 internal organisations participated.
    - Minutes were published in J1 N 7824 (WSSG N064)
  - 2 April
    - 12 people representing 5 countries and 2 internal organisations participated
    - Minutes were published in J1 N 8744 (WSSG N069)
  - 11 June
    - 14 people representing 4 National Bodies and 2 internal organisations participated
    - Minutes were published in WSSG N076
  - 25 June
    - 13 people representing 7 National Bodies and 2 internal organisations participated
    - Minutes were published in WSSG N078
  - 25 and 27 August
    - 25 people representing 8 National Bodies participated.
    - Minutes were published in WSSG N088
  - 23 September (Not included in on-time report JTC 1 N 9786)
    - 13 people representing 6 National Bodies and 1 internal organisation participated
    - Minutes were published in WSSG N091

- Topics Considered
  - Nara Resolution 26 Items:
    - Assisting JTC 1 In Processing Web Services PAS Submissions
    - Completing work on maintaining the Web Services Registry
    - Considering related work in the area of SOA
  - Organisational Mechanism for Future JTC 1 Work in These Areas

ISO JTC1 IEC
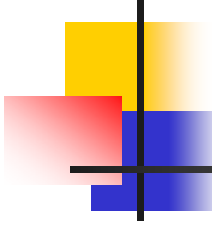INFORMATION TECHNOLOGY STANDARDS

NARA RESOLUTION 26 ITEMS

- Assisting JTC 1 In Processing Web Services PAS Submissions
  - JTC 1 received no Web Services related PAS submissions, so WSSG's assistance was not required.

- Completing Work on Maintaining the Web Services Registry
  - No further progress was made on this point.
  - Some NBs expressed a desire to maintain this repository, while others questioned how this could be done without assistance from consortia and fora where many web services specifications are developed.
  - The WSSG registry is hosted by the École de Technologie Supérieure in Canada.
  - At least one feature is required to make the registry fully functional: the creation of a class of users that can add new standards.

NARA RESOLUTION 26 ITEMS

- Considering Related Work in the Area of SOA
  - Received and addressed written contributions from China, the US, Germany, Canada and France including:
    - White paper on SOA (China)
    - Drafts terms of reference for a WG on Web Services and SOA (China, US)
    - Draft NWIPs on SOA (China, US)
  - Consensus on establishing a permanent JTC 1 group replacing WSSG to work in the areas of web Services and SOA.
    - Asked China and US to submit their respective NWIPs for consideration by the 2009 Plenary (at last teleconference)
  - Recommendations to JTC 1
    - Recommendation WSSG-1 – Creation of a WG on Web Services and SOA [Unanimous Approval]
    - Recommendation WSSG-2 – Development of New Work Item Proposal for SOA [FRANCE Abstain/All other NBs in favor]
    - Recommendation WSSG-3 – Disbandment of the Web Services Study Group [Unanimous Approval]

RECOMMENDATION WSSG-1:
Establishment of a JTC 1 Working Group on Web Services and SOA

WSSG recommends establishment of a Working Group reporting to JTC 1 on Web Services and Service Oriented Architecture with the following terms of reference:

Title: Web Services and Service Oriented Architecture

Terms of Reference

1) To work with external organizations as well as other JTC 1 sub-groups, to develop standards and related documents on Web Services and Services Oriented Architecture (SOA) to include:
   a. Enhancements and maintenance of the Web Services registry (inventory database of Web Services Standards),
   b. Ongoing maintenance of previously approved standards from WS-I PAS submissions , ISO/IEC 29361, ISO/IEC 29362 and ISO/IEC 29636,
   c. Mantenance of possible future PAS and Fast Track developed ISO/IEC standards in the area of Web Services, and
   d. Work in the area of SOA (Service Oriented Architecture) including:
      i. Elaboration of an SOA framework
      ii. Evaluation of the need for SOA interoperability standards
      iii. Coordination of SOA related activities in JTC 1, and
      iv. Based on National Body contributions, development of New Work Item proposals for submission to JTC 1 for letter ballot, and development of any work item(s) resulting from the approval of such NPs.

2) To seek as appropriate liaison or informal relationships with organizations working in the areas of Web Services and SOA, initially including (but not limited to):
   a. Web Services Interoperability Organization (WS-I)
   b. World Wide Web Consortium (W3C)
   c. Object Management Group (OMG)
   d. Organization for the Advancement of Structured Information Standards (OASIS)
   e. Java Community Process (JCP)
   f. Distributed Management Task Force (DMTF)
   g. The Open Group (TOG)
   h. Ecma International (Ecma)
   i. IEEE-SA Working Group on SOA and Web Services
   j. JTC 1 SC 6, SC 7, SC 31, SC 32, and SC 37

WSSG RECOMMENDATIONS

- **Recommendation WSSG-2: Development of New Work Item Proposals for SOA**
  - Recognizing that WSSG has received contributions from China and the US, they and other JTC 1 National Bodies are requested to submit contributions in the area of SOA for consideration by the WG on Web Services and SOA in developing possible New Work Item Proposals for submission to JTC 1 for letter ballot. National Bodies are asked to format their contributions in a manner that will facilitate transposition of material to the NP form.

- **Recommendation WSSG-3: Disbandment of the Web Services Study Group**
  - WSSG recommends that JTC 1 not reconstitute the Web Services Study Group.