



ANSI Open Forum
Building Bridges across the
Standards Ecosystem

October 9, 2012



A Case Study on W3C and the ISO/IEC JTC 1 PAS Process

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Part of the World Standards Week 2012 series of events

Overview

Agenda

- World Wide Web Consortium (W3C)
- W3C as a JTC 1 PAS Submitter
- Web Services Standards
- Web Content Accessibility
- PAS Status Renewal and Outlook

The World Wide Web Consortium (W3C)

- ❑ Rapidly growing
 - over 380 Member organizations
- ❑ Leads the Web to its full potential
 - open standards principles
 - design principles include web for all, web on everything
- ❑ Standards development through working groups
 - working draft; last call; candidate recommendation; proposed; standard
- ❑ Exploration through community groups and business groups

The World Wide Web Consortium (W3C)

□ Open Web Platform

- HTML5
- cross-device, cross-platform
- rich media, apps
- privacy, security, identity, accessibility, multilingual
- 75% of developers plan to use
- already in use for mobile



W3C as a JTC 1 PAS Submitter

- ❑ W3C approved as a PAS submitter November 2010
 - Publicly Available Specification (PAS)
 - benefits to Web community in W3C PAS FAQ
 - procedure for ISO/IEC JTC 1 transposition
 - quality (testability, stability, etc.), consensus
- ❑ Internal W3C process
 - conceptual framework and selection process

W3C Web Service Standards achieves PAS status

- ❑ First set of W3C PAS submissions January 2011
 - background [Web Services PAS Explanatory Report](#)
 - package of [eight Web Services specifications](#)
 - software systems that support interoperable machine-to-machine interactions over a network
- ❑ Jointly announced by ISO and W3C September 2011
 - [ISO announcement](#) of Web Services PAS acceptance
 - [W3C announcement](#) of Web Services PAS acceptance

Eight W3C Web Services Standards in PAS Status

- [W3C SOAP Version 1.2 Part 1: Messaging Framework \(Second Edition\)](#)
- [W3C SOAP Version 1.2 Part 2: Adjuncts \(Second Edition\)](#)
- [W3C SOAP MTOM \(Message Transmission Optimization Mechanism\)](#)
- [W3C Web Services Addressing 1.0 - Core](#)
- [W3C Web Services Addressing 1.0 - SOAP Binding](#)
- [W3C Web Services Addressing 1.0 - Metadata](#)
- [W3C Web Services Policy 1.5 - Framework](#)
- [W3C Web Services Policy 1.5 - Attachment](#)

Web Accessibility Initiative (WAI)

Web Accessibility Initiative (WAI)

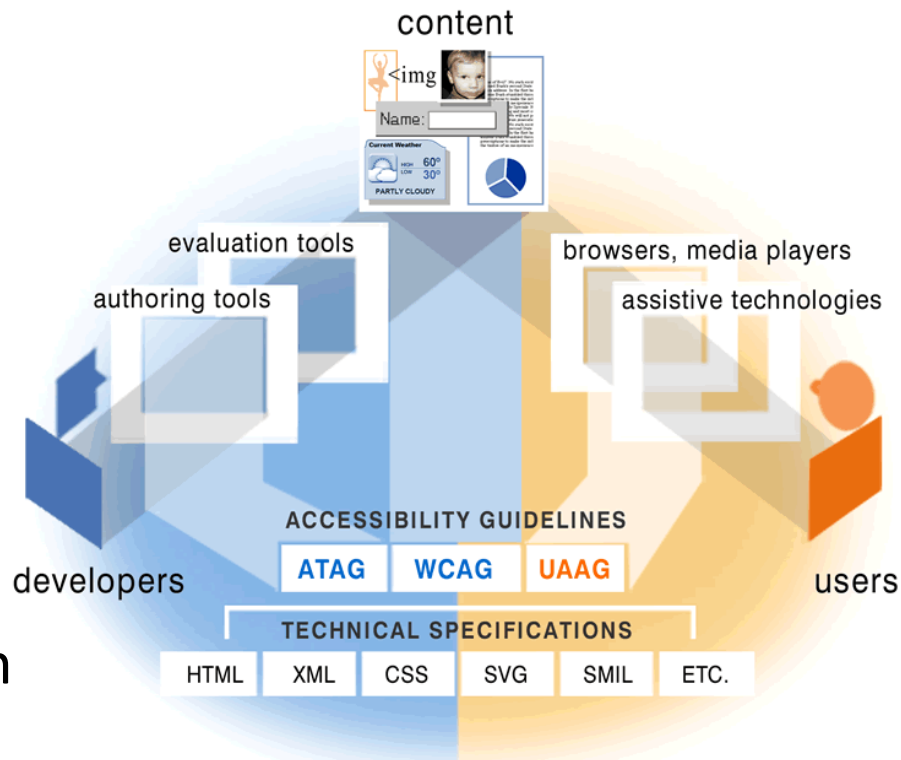
- www.w3.org/WAI
- multi-stakeholder consensus
- industry, disability, government, research

Standards harmonization is key to an accessible web

- complementary standards & guidelines
- web content; authoring; browsers, media players, mobile

Accessibility Ecosystem on the Web

- ❑ Web content
- ❑ Authoring Tools
- ❑ User Agents
- ❑ WAI-ARIA
- ❑ Technology layers
- ❑ Evaluation
- ❑ Education, outreach, research



Extensive WAI Resources for WCAG 2.0

- ❑ [Web Content Accessibility Guidelines 2.0 Overview](#)
 - [2008 press release](#) and [testimonials](#)
 - [WCAG 2.0 standard](#)
 - [WCAG 2.0 at a Glance](#)
 - [How to Meet WCAG 2.0: A Customizable Quick Reference](#)
 - [Techniques for WCAG 2.0](#)
 - [Understanding WCAG 2.0](#)
 - [multiple W3C authorized translations of WCAG 2.0](#)

WCAG 2.0 submission for JTC 1 PAS

- ❑ Submission is consistent with intended W3C PAS benefits
 - increase adoption, coordination, harmonization
 - decrease fragmentation
 - PAS submission via WCAG 2.0 Explanatory Report
- ❑ For WCAG 2.0 in particular
 - increase unified market for supporting tools
 - increase cost-effective uptake and implementations

WCAG 2.0 PAS status

- ❑ Web Content Accessibility Guidelines 2.0
 - authoritative accessibility standard for Web content
 - addresses a broad range of user requirements
 - addresses web pages, content, websites, web applications
- ❑ Anticipated joint announcement by ISO and W3C Oct 2012
 - WCAG 2.0 will remain freely available from W3C

W3C Outlook as PAS Submitter

- ❑ W3C applied for renewal as PAS Submitter August 2012
- ❑ W3C reviewing selection of next W3C standards to submit