UPDATE ON W3C WAI COGNITIVE AND MOBILE ACCESSIBILITY WORK

G3ICT M-ENABLING SUMMIT
WASHINGTON DC, JUNE 13, 2016

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World Wide Web Consortium
The World Wide Web Consortium

- Develops standards for the Web
- Is an international, vendor-neutral community
- Develops HTML5 and the Open Web Platform
- Encompasses an expanding range of technology
- Hosts the Web Accessibility Initiative (WAI)
Web Accessibility Initiative

- Supports W3C’s Web for All mission
  - addresses cross-disability & aging needs
  - addresses cross-technology accessibility
- Develops accessibility specifications and guidelines
  - WCAG 2.0 guidelines used around the world
  - reviews W3C specifications for accessibility
- Develops education and outreach resources
- Hosts a community discussion on accessibility
Web accessibility crosses many functional areas

- vision
- hearing
- motor
- speech
- cognitive
- neurological
- multiple disabilities
- aging-related conditions
WAI Guidelines – Currently:

- Web Content Accessibility Guidelines (WCAG) 2.0
  - incubating new normative work for WCAG 2.1
  - exploring needs for WAI 3.0 combined guidelines
- Balancing stability and evolution
- Completed two additional 2.0 guidelines in 2015
  - Authoring Tool Accessibility Guidelines 2.0
  - User Agent Accessibility Guidelines 2.0
Task Forces

- **W3C WAI Group Task Forces**
  - Cognitive and Learning Disabilities Task Force
  - Mobile Accessibility Task Force
  - Low Vision Task Force
  - Digital Publishing ARIA Task Force
  - Accessibility Task Force of DPUB Interest Group
  - SVG Accessibility Task Force
Cognitive and Learning Disabilities Accessibility (COGA) Task Force

- Joint task force of WCAG WG and APA WG
- Research: pulling out relevant research from behind firewalls
- Gap analysis: reviewing existing WCAG 2.0 provisions -- omissions, reprioritizations, additions
- Roadmap: key areas of work needing focus
- Guidance, techniques, best practices
COGA Publications Under Development

- Go to the Wiki!
- Drafts in progress, available for comment
  - Cognitive Accessibility User Research
  - Issue Papers
  - Techniques for COGA
  - Cognitive Accessibility Gap Analysis and Roadmap
  - Proposal: COGA Semantics to Enable Personalization
Mobile Accessibility Task Force

- **Task Force of WCAG WG**
  - builds on existing WAI work on mobile
  - Mobile Accessibility Best Practices
  - Mobile Accessibility Examples from UAAG 2.0 Reference

- **Mobile Accessibility Wiki Page**

- **Mobile Accessibility: How WCAG 2.0 and Other W3C/WAI Guidelines Apply to Mobile**

- Proposals for updates to success criteria
Mobile Accessibility Task Force

- Currently:
  - Processing comments on touch and pointer guidance
  - Making it easier to use physical features of the phone
Finding Resources: www.w3.org/WAI

- Getting started
- Designing for Inclusion
- Guidelines and Techniques
- Planning and Implementing
- Evaluating Accessibility
- Presentations and Tutorials

- **Getting Involved with W3C and WAI**
  - Membership, Sponsors, Participants