



Web Accessibility
initiative

UPDATE ON W3C WAI COGNITIVE AND MOBILE ACCESSIBILITY WORK

G3ICT M-ENABLING SUMMIT
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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

WCAG 2.0 Layered Design

Principles



Guidelines



Success criteria (normative)



Techniques, Examples, Benefits (informative)



Quick Reference, Educational Materials, Training

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