



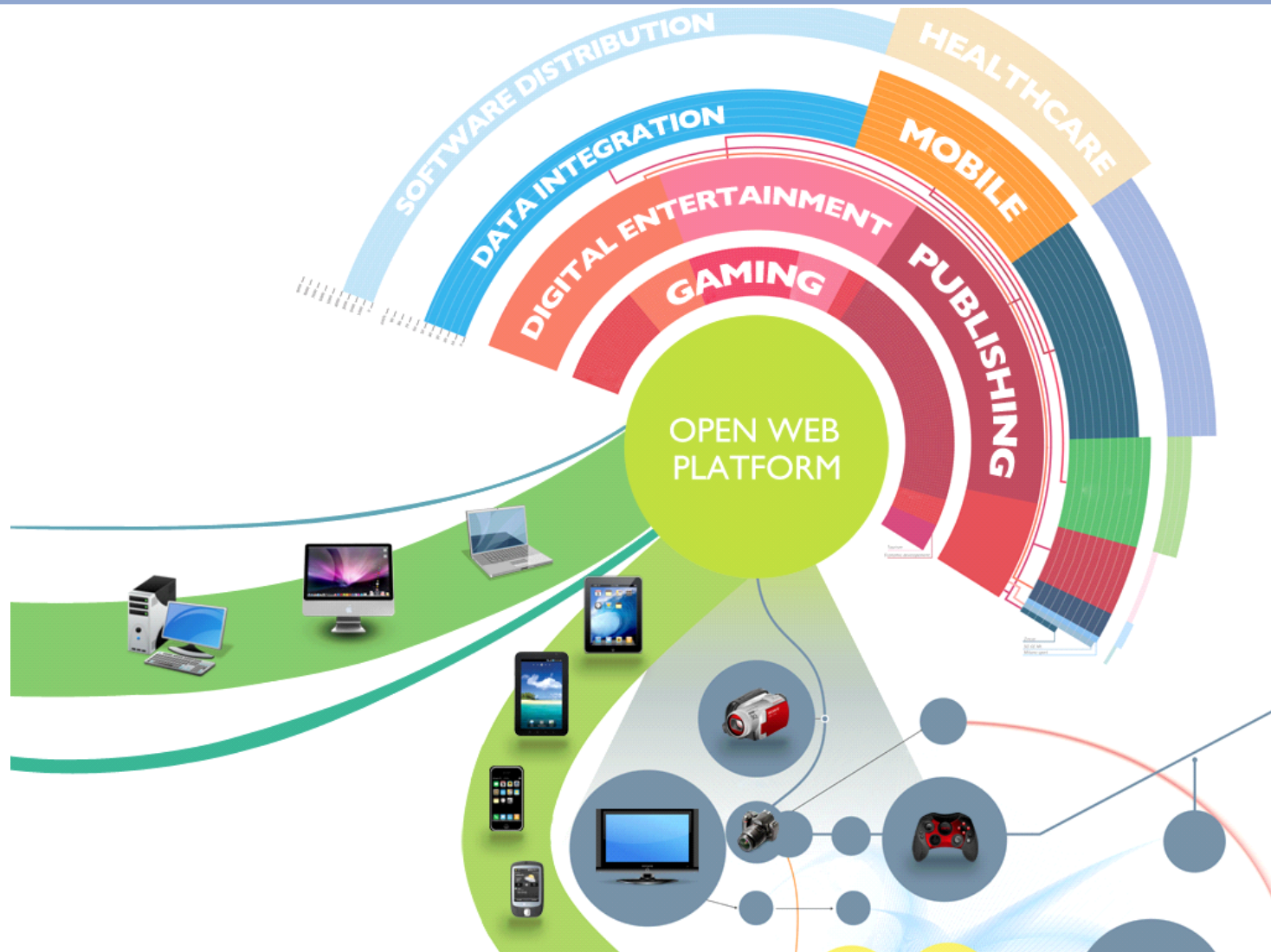
# Web Accessibility Standards and Resources

Shadi Abou-Zahra

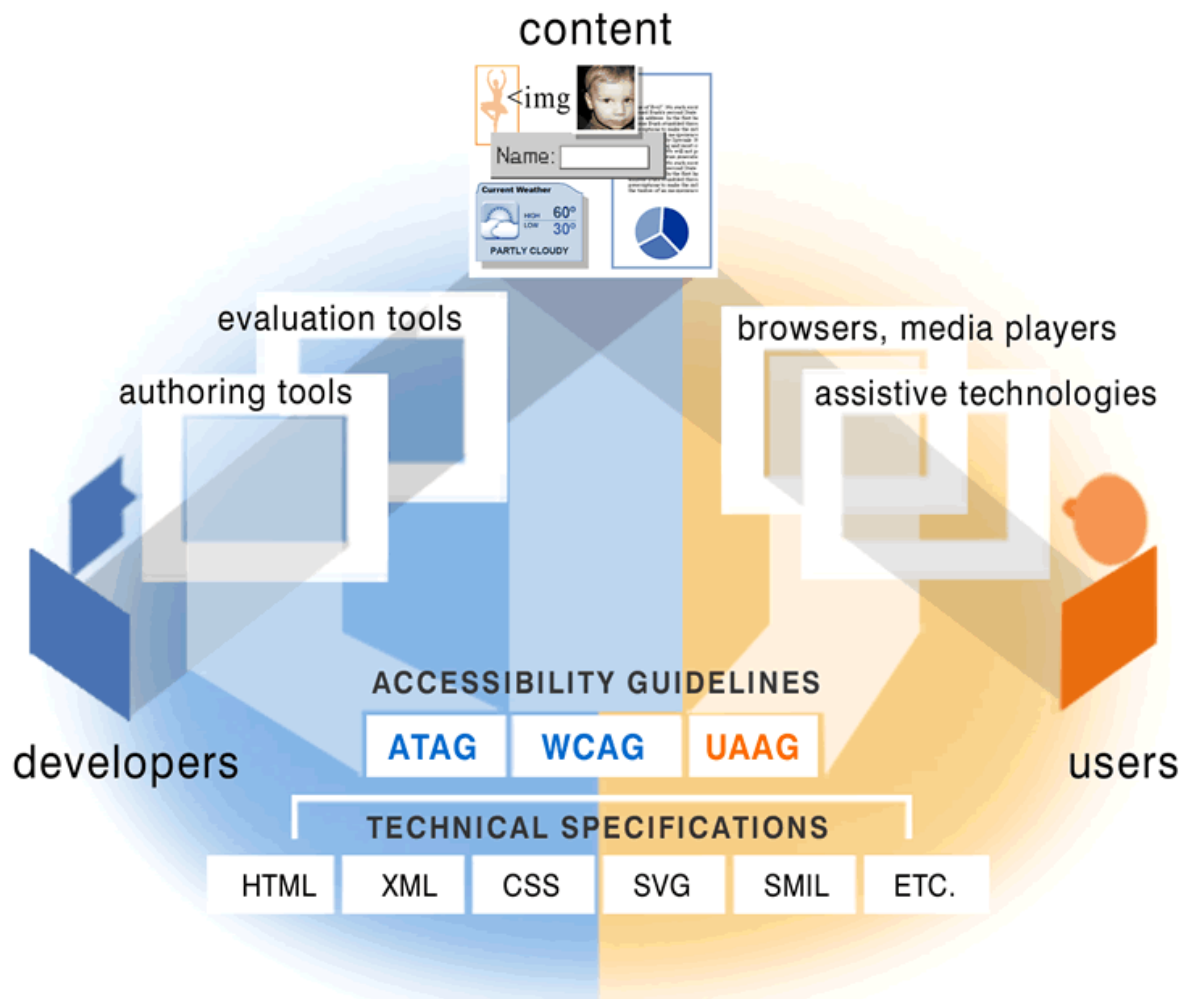
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# Converging Web



# WAI Components



- **Web Content Accessibility Guidelines (WCAG)**
  - Text, forms, graphics, videos, sounds, code, ...
- **Authoring Tool Accessibility Guidelines (ATAG)**
  - Content Management Systems CMS, editors, ...
- **User Agent Accessibility Guidelines (UAAG)**
  - Browsers, media players, and other applications

## W3C Recommendation (December 2008):

- **P**erceivable, **O**perable, **U**nderstandable, **R**obust
- 12 Guidelines, 61 Success Criteria, 3 Levels
- Adopted by US Section 508 Standard, ISO 40500, EN 301 549, JIS 8341, UNE 139803, ...
- Referenced in laws and policies internationally:
  - [w3.org/WAI/Policy/](http://w3.org/WAI/Policy/)

## **W3C Recommendation (June 2018):**

- Fully backward compatible with WCAG 2.0
- Improves access for people with low vision, people with cognitive and learning disabilities, and for people using mobile devices and applications
- Adopted by EN 301 549 (September 2018) for the Web Accessibility Directive (WAD) and procurement

## Applying WCAG 2 to Non-Web ICT:

- **Web Content**, is addressed by WCAG
- **Electronic documents**, such as ePub
- **Software**, such as native applications

Used in Section 508 and EN 301 549 uptake of WCAG to facilitate its application to documents and software

# Support Materials



## **WAI materials around the technical standards:**

- Awareness-raising and promotional resources
- Technical guidance and core training material
- Evaluation methodologies and tooling support
- Planning, managing, and policy development

Resources are freely available from: **[w3.org/WAI](https://www.w3.org/WAI)**



# Open Collaboration



## Authorized W3C Translations for standards:

- Community process to ensure high quality
- Supports uptake in policies and regulation
- Promotes understanding and acceptance
- WCAG 2.0 available in traditional Chinese
- WCAG 2.1 is currently under development
- Invitation to develop Cantonese translation

# Thank You



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