World Wide Web Consortium (W3C)

- W3C develops interoperable technologies (specifications, guidelines, software, and tools) to lead the Web to its full potential
  - 3 hosts (MIT, ERCIM, Keio University), 14 world offices, about 400 member organisations

- W3C provides a neutral forum for Web development based on well-established consensus

www.w3.org
The Web of Interoperable Enabling Technologies

accessibility, security, I18N

universal access and interaction mechanism, and data formats

device independence

Global Web of information, interaction, work, and leisure

Semantic Web, Web Services
• Web technologies should be **interoperable**
  – large palette of Web technologies exists
  – no single technology cover all needs
  – ...thus interoperability is required

• The Web is universal and is **for everybody**
  – regardless of language, user capabilities, devices, or geographical location

• Four domains of work: **Architecture, Interaction, Technology and Society** and **Web Accessibility**
  – currently some 40 active working groups
W3C is for...

- **International & Influential Forum**
- **Universal recommendations**
  - XML family, XHTML, SVG, RDF, SOAP, ...
- **Software**
  - Validators, test suites, ...
- **Guidelines and Outreach**
  - WAI, world offices, ...
- **Member Organisations**
  - 5 Is: Information, Image, Involvement, Influence, and Impact
  - Interested in joining? See http://www.w3.org/Consortium/Prospectus/

www.w3.org
Building the Web of Tomorrow Today

www.w3.org

(compatibility, extensibility, durability, simplicity)
Current Activities and Working Groups

www.w3.org
Current Status of Web Standardization

- W3C continues to develop well-established Web technologies, expanding to new areas when needed
- **Some well-known and established work areas:**
  - Browser Web (URI, HTTP, XHTML etc., Styles, Graphics ...)
  - Data Management (XML, XML Schema, XSL, ...)
  - Accessible Web for All (WAI, WCAG, ...)
- **Some new or forthcoming work areas:**
  - Voice-enabled Web (VoiceXML, ...)
  - Web Services (SOAP, WSDL, WS Choreography)
  - Semantic Web (RDF, OWL) best practices
  - Printing, Usability, ...
- To date, W3C has produced some 80 recommendations – there is more to be done

www.w3.org
Thank you!

This presentation was compiled by the **W3C Finnish office** at the Tampere University of Technology, Digital Media Institute (DMI)

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“*The bane of my existence is doing things that I know the computer could do for me.*”

-- Dan Connolly, The XML Revolution

www.w3.org
More information

- **W3C**
  - http://www.w3.org/ (Home page)
  - http://www.w3c.tut.fi/ (home page of the Finnish office)
  - http://www.w3.org/Consortium/ (About W3C)
  - http://www.w3.org/Consortium/Member/List (W3C Members)
- **W3C Activities**
  - http://www.w3.org/Consortium/Activities (Outline)
- **Becoming a W3C Member**
  - http://www.w3.org/Consortium/Prospectus/Joining