

Web Accessibility Issues,
or
the “Correct Needle in the
Correct Haystack”

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Issue?

- Reduced choices
- Reduced flexibility
- Convenience vs. a “must have”

Like....

Smorgasbord for-

- Someone with no dietary restrictions - but preferences

Vs.

- Someone with a severe peanut allergy

Information Technology and Assistive Technology

Constraints:

- Reduced flexibility due to a mismatch between the available resources and the tasks to be accomplished
- Task: Translation of many languages, some secret, with source material in many locations and sometimes hidden.
- Communication and the location of information must be consistent and open.

Accessible Content

Transformation

- Can this transform in the way I need it to transform?

Alternatives or Equivalents

- Is there an alternative but equivalent presentation of this inaccessible information?

IMS Accessibility Working Group

- Learner Information to support accessibility or “ACCLIP”
- Metadata to support accessibility or “ACCMD”
- Soon to address:
 - Learning Design and Content Packaging

ACCLIP

Accessibility for LIP (Learner information Package) or ACCLIP

- How do I want/need things to be displayed?
- How do I want/need things to be controlled?
- What content alternatives, equivalents or helpful tools do I want/need?
- In what context?

Accessibility Metadata (ACCMD)

- Open collaboration with other Metadata specifications groups
- Extensions to existing specifications
- Application Profile for accessibility
 - Including restricted vocabularies

ACCMD

Information about:

1. Conformance to accessibility standards
2. Can it transform? (with specific information about how well)
3. Information that corresponds to ACCLIP
 - What type of content is it?
 - Can it transform in the necessary way?
 - Is there an equivalent for it? Or is it an equivalent?
 - Is it an enabling tool? What kind?

ACCMD

- Specify semantics, syntax and behaviour relative to accessibility metadata to make the work of assistive technologies possible

Authoring of Accessibility Metadata

TILE Project

- Integrated, unconscious authoring
- Automatic authoring
 - Aprompt
 - Generate necessary EARL statement

[Http://www.barrierfree.ca/tile](http://www.barrierfree.ca/tile)

With the correct tool used in the correct way, it is possible to find almost anything...

If it exists.

[Http://www.imsglobal.org](http://www.imsglobal.org)

[Http://atrc.utoronto.ca](http://atrc.utoronto.ca)

[Http://barrierfree.ca/tile](http://barrierfree.ca/tile)

[Http://www.w3.org/WAI](http://www.w3.org/WAI)