

FONDAZIONE



LIBRI ITALIANI ACCESSIBILI

benetech

TECHNOLOGY
SERVING HUMANITY



● Accessibility Metadata

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- Problem To Solve
- Structure of "User Experience Guide For Accessibility Metadata"
 - Principles
 - Techniques
- Future Work
- Resources



"User's want to discover content which meets their needs"

- Today persons with disabilities do not know if they will be able to read a title they want to buy
- More and more Born Accessible publications
- Ability to find these publications
- Consistent way to display this accessibility technical metadata (Bookstore, Library, etc.)



- Principles independent of metadata standards
 - Various metadata standards can continue to evolve independent of the main principle document
- Displaying "machine readable" metadata in a user-friendly way
- Accessibility metadata presented in bookstores and catalogues



- Screen Reader Friendly
- Full Audio
- Accessibility Summary
- Accessibility Conformance
- Certified By
- Certifier Credential
- Certifier Report
- Hazards
- All Accessibility Metadata



Screen Reader Friendly: Yes

Accessibility Summary: This publication includes markup to enable accessibility and compatibility with assistive technology. Images, audio, and video in the publication are well-described in conformance with WCAG 2.0 AA.

Accessibility Conformance: [EPUB Accessibility](#), [WCAG2.0-AA](#)

Certified By: ACME Certification



Certifier Credential:

All Accessibility Metadata:

Accessibility Features:
alternativeText
longDescriptions
printPageNumbers

Accessibility Hazards:
none

AccessMode:
visual
textual
...



- Schema.org + EPUB metadata (Inside EPUB)
- ONIX (Separate file outside EPUB)



- MARC-21 Accessibility Metadata Techniques
- Journal Article Tag Suite (JATS)
- Harmonization on Accessibility Metadata
 - ONIX
 - Schema.org
 - MARC / JATS
- Requesting feedback on these documents



- EPUB Accessibility Metadata (Properties and Values)
 - <https://www.w3.org/wiki/WebSchemas/Accessibility>
- ONIX (Codelist 196)
 - <https://ns.editeur.org/onix/en/196>
- Crosswalk Accessibility Metadata Project
 - <http://www.a11ymetadata.org/the-specification/metadata-crosswalk/>
- Github Repo - User Experience Guide for Displaying Accessibility Metadata
 - <https://github.com/w3c/publ-a11y/tree/main/UX-Guide-Metadata>



- **EPUB Accessibility 1.1 Discovery and Conformance**
 - <https://www.w3.org/TR/epub-a11y-11/>
- **User Experience Guide for Displaying Accessibility Metadata**
 - <https://w3c.github.io/publ-a11y/UX-Guide-Metadata/principles/>
- **Display Techniques for EPUB Accessibility Metadata**
 - <https://w3c.github.io/publ-a11y/UX-Guide-Metadata/techniques/epub-metadata.html>
- **Display Techniques for ONIX Accessibility Metadata**
 - <https://w3c.github.io/publ-a11y/UX-Guide-Metadata/techniques/onix.html>