



CSUN 2025: Accessibility Metadata Display Guide for Digital Publications 2.0



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We will answer the following...



- Accessibility (A11Y) Metadata
 - What is it?
 - Where can I find it?
 - How can it be used?
 - 3rd Party Certification
- New: **Accessibility Metadata Display Guide for Digital Publications 2.0**
 - Metadata ecosystem
- Buying accessible Digital Publications
- Useful links



- Information meant to be read by a computer about how accessible or inaccessible the Digital Publication really is
- Can provide information on
 - Accessibility features
 - Accessibility hazards (if any)
 - Accessibility accommodations for reading
 - Conformance to WCAG
 - Certification
 - Human-readable summary of accessibility



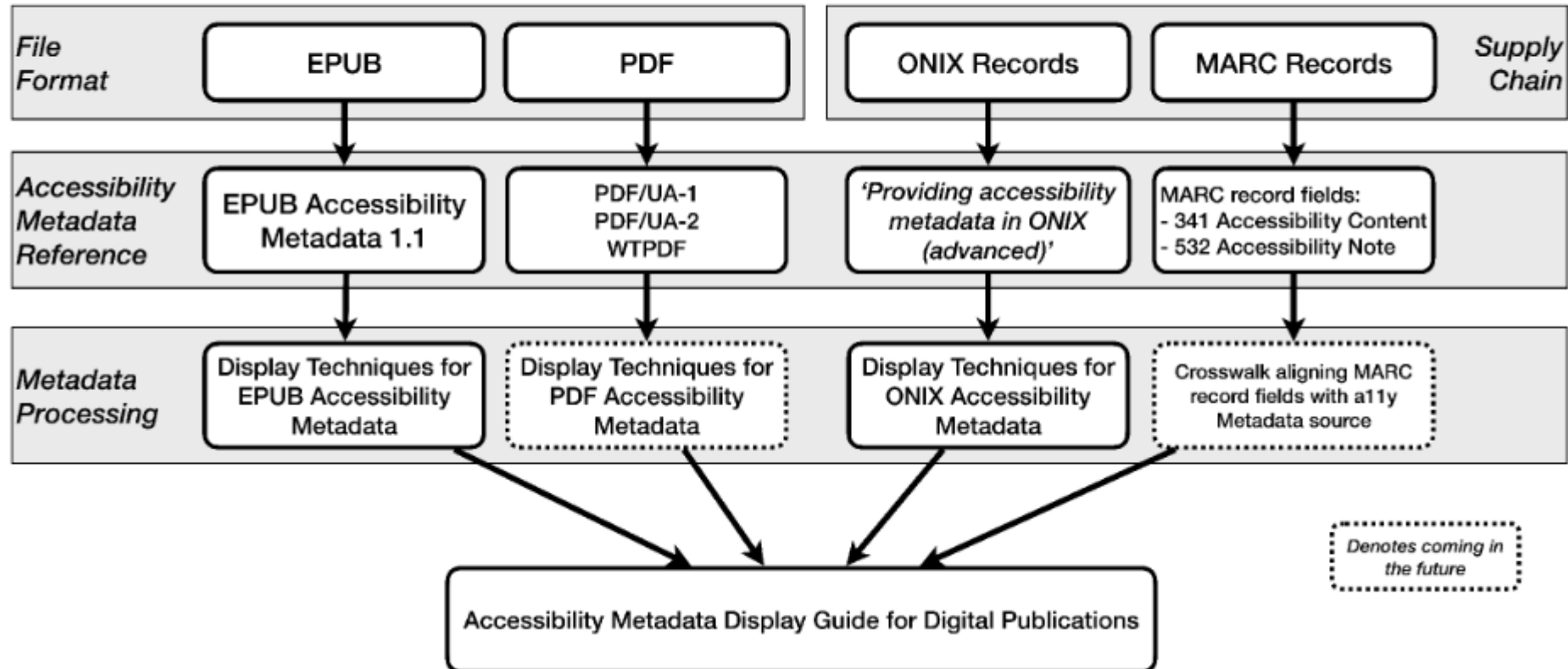
- Inside the EPUB
 - OPF File contains the a11y metadata
- ONIX
 - Separate metadata file
 - New metadata provides full coverage: ONIX 3.0 or later
- Crosswalk between Metadata Standards
<https://w3c.github.io/a11y-discov-vocab/crosswalk/>
i.e., EPUB, ONIX, PDF, UNIMARC, and more may be added.



- Publishers
 - Disclosing the accessibility of their publications
- Bookstores
 - Help customers find accessible materials to make informed purchasing decisions
- School / Library
 - Make informed purchasing decisions and document progress toward obligations
- End User
 - Ensures what you are about to read or buy will meet your needs



Digital Publication Ecosystem



<https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/draft/guidelines/#processing-guide>



- Principles

<https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/guidelines/>

- Techniques

- EPUB Accessibility Metadata

<https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/techniques/epub-metadata/>

- ONIX Accessibility Metadata

<https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/techniques/onix-metadata/>

3rd Party Certification



- Conforms To: [EPUB 1.1 Specification WCAG 2.2 - AA](#)
- Certified By: Benetech
- Certifier Credential: Global Certified Accessible
- Newly Launched GCA-EU (with Vision Ireland)





- **Ways of Reading (required)**
 - Visual adjustments (required)
 - Support for nonvisual reading (required)
 - Prerecorded audio
- **Conformance (required)**
- Navigation
- Rich Content
- Hazards
- Accessibility summary
- Legal considerations
- Additional accessibility information



EXAMPLE 1: Publication with text and images

The following example shows the descriptive and compact statements that would display for a typical text-based publication with images that have text alternatives.

Compact display

WAYS OF READING

Appearance can be modified

Readable in read aloud or dynamic braille

Has alternative text

Descriptive display

WAYS OF READING

Appearance of the text and page layout can be modified according to the capabilities of the reading system (font family and font size, spaces between paragraphs, sentences, words, and letters, as well as color of background and text)

All content can be read as read aloud speech or dynamic braille

Has alternative text descriptions for images



- EPUB Technique: <https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/draft/techniques/epub-metadata/#visual-adjustments>
- ONIX Technique: <https://w3c.github.io/publ-a11y/a11y-meta-display-guide/2.0/draft/techniques/onix-metadata/#visual-adjustments>



Screen Reader Friendly: Yes/No/Unknown

Accessibility Summary

Maecenas sed diam eget risus varius blandit sit amet non magna. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Nullam quis risus eget urna mollis ornare vel eu leo. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Etiam porta sem malesuada magna mollis euismod. Cras justo odio, dapibus ac facilisis in, egestas eget quam.



Accessibility Conformance: [WCAG AA](#)

Certified by: [Benetech](#)

Certifier Credential: [Born Accessible Benetech](#)

Certifier Report: [View Report](#)

This information and links above are pulled from Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit.

Accessibility Features

- alternativeText
- annotations
- audioDescription
- bookmarks
- braille

Accessibility Hazard

- sound

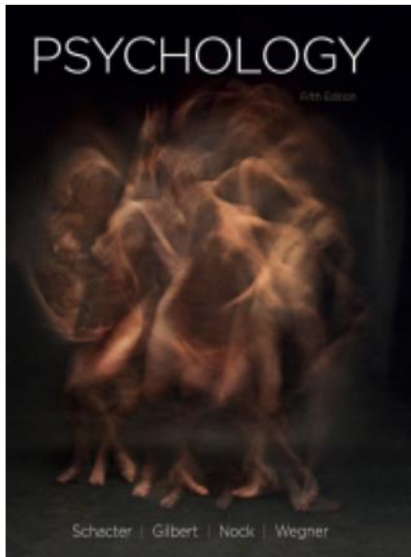
Access Mode

- visual
- auditory

Access Mode Sufficient

- visual
- auditory

[View All Accessibility Metadata](#)

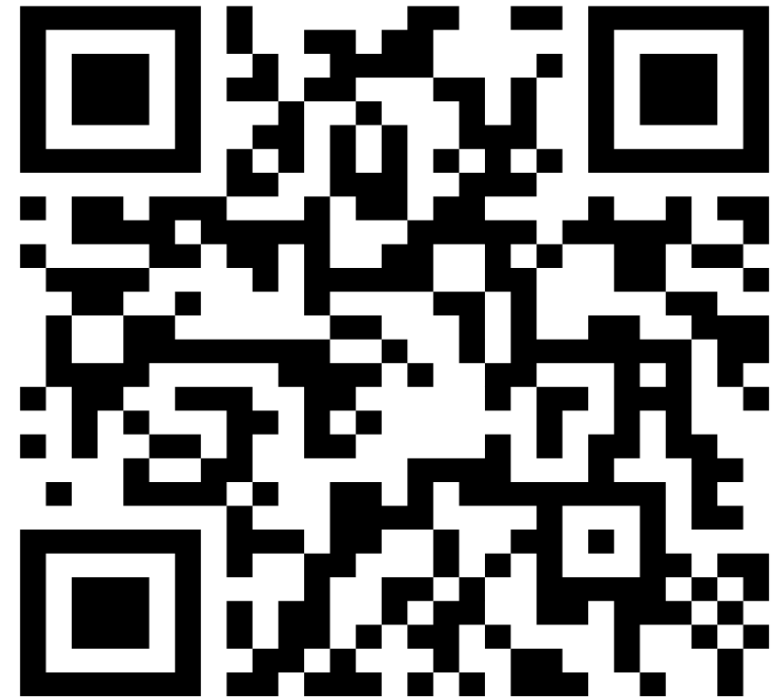


Benetech Accessibility Services for Education (BASE)



A comprehensive program that helps school districts, universities, and colleges navigate the complexities of Title II compliance by assessing current practices, identifying improvement areas, providing staff training and resources, and creating actionable plans that ensure equitable access and inclusion for anyone with a disability.

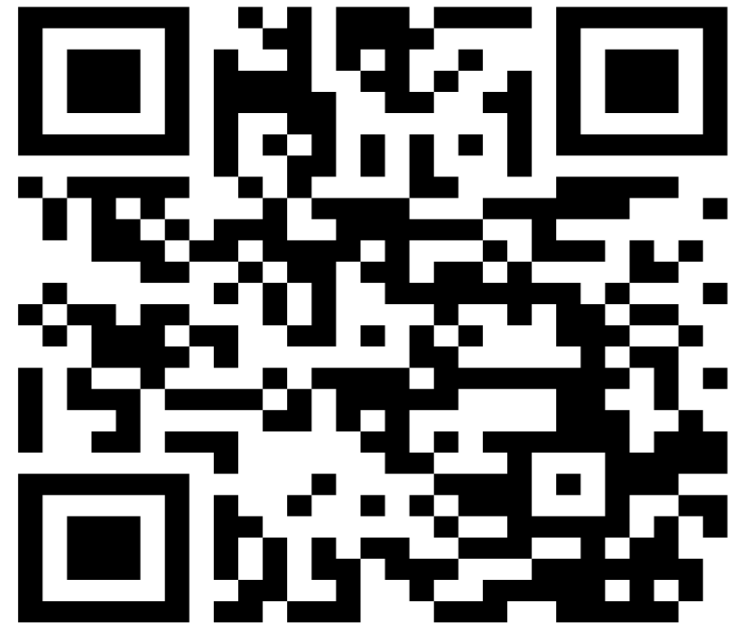
<https://go.benetech.org/base>





An inclusive learning platform that helps schools create curriculum and learning materials that are accessible to students with disabilities. With our AI-powered tools, educators can convert a wide variety of content, from paper worksheets to complex STEM materials into easy-to-read formats. This helps students learn in ways that work for them and supports your efforts to create a more inclusive learning environment.

<https://www.bookshareplus.org/>





- **EPUB Accessibility 1.1 Specification**
<https://www.w3.org/TR/epub-a11y-11/>
- **Accessibility Metadata Display Guide for Digital Publications 2.0**
<https://w3c.github.io/publ-a11y/UX-Guide-Metadata/draft/principles/>
- **Vital Source / Benetech Accessible Bookstore**
<https://benetechaccessiblebooks.vitalsource.com>
- **GCA™ Certified Publishers**
<https://bornaccessible.benetech.org/certified-publishers/>



- **Schema.org Accessibility Properties Crosswalk**
<https://w3c.github.io/a11y-discov-vocab/crosswalk/>
- **DAISY's SMART tool**
<https://smart.daisy.org>
- **DAISY's ACE tool**
<https://daisy.org/activities/software/ace/>



bit.ly/csundaisy



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