

Accessibility Metadata and Export

Webinar presented by
Cristina Mussinelli, General Secretary @ Fondazione LIA
Gregorio Pellegrino, Chief Accessibility Officer @ Fondazione LIA

2023/11/16

Speakers

Cristina Mussinelli

Secretary General, Fondazione LIA

Co-chair of the W3C (World Wide Web Consortium) Digital Publishing Business Group, member of the Board of and chair of the Accessibility Working Group of EDRLab (European Digital Reading Lab), member of the Accessibility Steering Committee of ABC Consortium of WIPO (World Intellectual Property Organisation), the European Inclusive Forum Steering Committee of Daisy Consortium, the Accessibility Working Group of FEP (Federation of European Publishers) and UK Publishers Association and invited expert of the section ISO OT UNI / CT 014 / SC 04 "Automation and documentation".



Speakers

Gregorio Pellegrino

Chief Accessibility Officer, Fondazione LIA

Italian software engineer, he has a strong knowledge in the digital publishing field with particular attention to accessibility for visually impaired people. He takes part in consulting and training activities for national and international organizations willing to adapt production processes to include accessibility.

On behalf of LIA, he participates to international working groups on the accessibility of publications and format standards, in particular W3C Digital Publishing Working Group, Transition to accessible EPUB (DAISY Consortium) and DIAGRAM standard & TIES Production group.



Agenda

- An evolving context: Social commitment, innovation, and legislation
- The importance of metadata for accessibility
- Who creates accessibility metadata?
- Challenges in managing metadata for accessibility
- The standards for communicating accessibility information
- Display metadata to end users

Fondazione LIA

- Fondazione LIA is a non-profit foundation set up in 2014 by Associazione Italiana Editori (AIE) with Unione Italiana dei Ciechi e degli Ipovedenti (UICI), the Italian blind union
- In 2019, Associazione Italiana Dislessia (Italian Dyslexia Association) and the Italian Library for the Blind “Regina Margherita” of Monza joined the Foundation as institutional members
- 17 publishing companies (with 76 publishing imprints) and MLOL, the leading digital lending platform in Italy, are also members



The mission

- Fondazione LIA is a non-profit organization that promotes the culture of accessibility in the publishing field
- Its goal is to allow print impaired readers to choose how, when and, above all, what to read, thus fostering social integration and active participation in the world of culture, school and work.
- Fondazione LIA carries out research and development activities in the field of digital accessibility, organizes awareness-raising events, offers training courses and consulting activities and is part of an international network of organizations dealing with accessibility of contents.

FONDAZIONE



LIBRI ITALIANI ACCESSIBILI

Standard Organizations



World Wide Web Consortium

NGO which aims to develop all the potential of the Internet and manages its standards

- Digital Publishing Business Group
- EPUB3 Community Group:
 - Accessibility Taskforce
 - Accessible EPUB Fixed Layout Taskforce
- Publishing Maintenance Working Group



Daisy Consortium

International consortium of organizations whose purpose is to promote accessibility

- European Inclusive Forum Steering Committee
- Transition to accessible EPUB
- DIAGRAM standard & TIES Production
- Better EPUB from InDesign



European Digital Reading Laboratory

Financed among others by the Ministry of Culture and the French Ministry of Development, aims to develop reading and DRM solutions that take into account accessibility

- Accessibility Working Group



International Organization for Standardization

The most important organization for the definition of technical standards

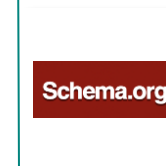
- OT UNI/CT 014/SC 04 "Automazione e documentazione"



EDItEUR

The organization that sets the standards used in the global book, ebook, audiobook and magazine supply chain

- Onix code list 196"



Schema.org

The organization that creates and maintains structured data schemas for online use

- Schema.org

LIA and accessibility metadata: An everlasting love



Live QA #1

How would you identify yourself?

- Publisher or content creator
- Service provider for publishers
- Aggregator or distributor
- Digital library
- Digital store
- Reading solution
- Specialist organization
- Metadata expert
- Other, please specify

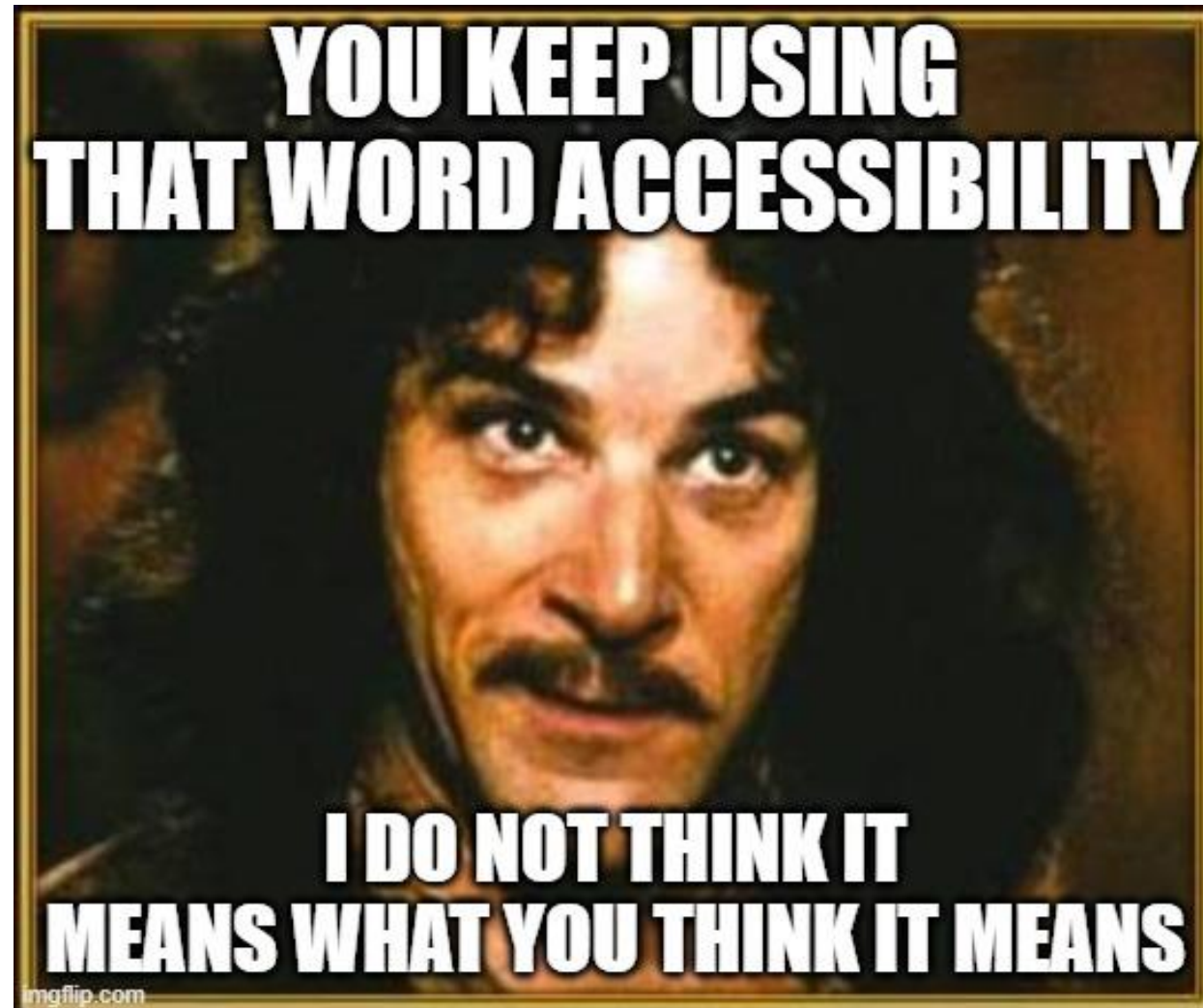
How much do you know about metadata?

- I am very knowledgeable about metadata
- I have some basic knowledge
- What do you mean by "metadata"?

How much do you know about digital accessibility?

- What do you mean by "digital accessibility"?
- I am an expert in digital accessibility
- I have a basic understanding of digital accessibility issues

To be clear



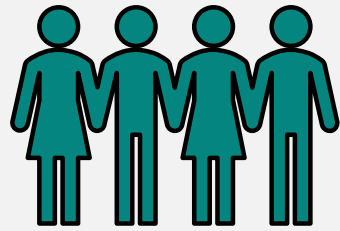
An evolving context

Social commitment, innovation, and legislation

Awareness is on the rise

- The **U.N. Convention on the Rights of Persons with Disabilities** (CRPD) promotes the full integration of persons with disabilities and specifically refers to the importance of international development for the affirmation of their rights.
- The **2030 Agenda for Sustainable Development** states very clearly that disabilities cannot be a reason to reduce the opportunity to participate in projects for personal growth and development and to prevent the realization of human rights.
- Among the **Sustainable Development Goals** (SDGs) are thirteen goals relevant to people with disabilities.

Why strive for accessibility?



**SOCIAL
RESPONSIBILITY**

LEGISLATION



QUALITY

**BUSINESS
VALUE**



European Accessibility Act

The **European Directive on Accessibility Requirements for Products and Services** (the so-called European Accessibility Act):

- Aims to improve the European market for products and services by introducing a **set of accessibility requirements**;
- It applies to many products and services such as commonly used device hardware systems, operating systems, self-service terminals, consumer banking services, electronic communication services, payment services, and audiovisual media access services;

European Accessibility Act /2

- It also applies to **e-books and devices, reading software, and dedicated e-commerce services.**
- From June 28, 2025, all businesses, including Canadian e-reader manufactures, publishers and e-book service providers, willing to sell their products and services in the European market need to comply with the Directive's accessibility requirements. In doing so, they will get access to the internal market as a whole. Businesses will also have to comply with certain reporting obligations. For example, they will have to inform consumers about the accessibility features of their products and services.

European Accessibility Act timeline

17/04/19

📍 The Directive was approved by the European Parliament

07/06/19

📍 The Directive was published in the Official Journal of the European Union

28/06/22

📍 The Directive has been implemented in national legislations (not yet in all of them)

28/06/25

📍 The Directive will apply to all products and services available to EU end-users

EAA requirements for e-commerce

The EAA provides specific accessibility requirements for e-commerce services (for companies above two million Euros in turnover), which must:

- provide **information on the accessibility of the products and services sold** (when such information is provided by the responsible business operator);
- ensure **accessibility of identification, security and payment features** when provided as part of a service rather than a product, making them perceivable, operable, understandable and robust;
- provide **methods of identification, electronic signatures and payment services** that are perceivable, operable, understandable and robust.

EAA requirements for e-commerce /2

The EAA then explicitly refers to the web accessibility principles defined in the Web Content Accessibility Guidelines (WCAG), which must be adhered to at all stages of e-commerce service delivery.

EAA requirements to display metadata

The EAA provides specific accessibility requirements related to e-book accessibility metadata, specifically:

- Provide **information on how the service works** and, if products are used to provide the service, the link to those products, as well as information on **accessibility features** and interoperability with assistive devices and facilities;
- Make them discoverable **by providing information through metadata** about their accessibility features.

New opportunities for users

- Users need to find content that meets their needs
- Today, people with disabilities do not know if they will be able to read a title they wish to purchase



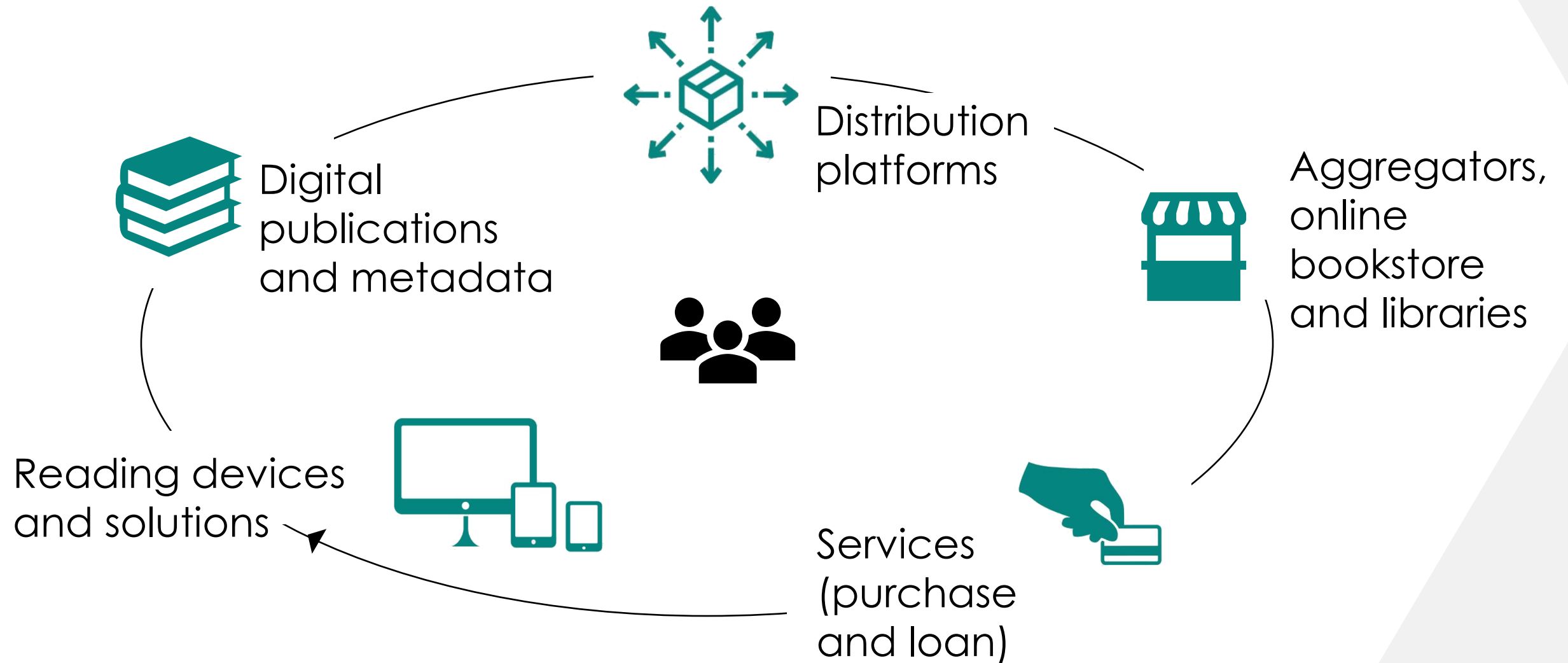
New opportunities for users

- Publishers are increasingly publishing natively accessible publications
- It is important to get these publications found by users
- Identify a consistent way to display technical accessibility metadata (platforms, libraries, bookstores, etc.)



The importance of metadata for accessibility

Metadata: The basis of the accessible digital ecosystem



Without metadata ... e-books are invisible

The screenshot shows the Amazon.it search results for the query "effatà spiritual". The page header includes the Amazon Prime logo, a search bar with the query, and navigation links like "Scegli per categoria", "Amazon.it di Gregorio", "Offerte", "Buoni Regalo", "Vendere", and "Aiuto". The search results section shows a product listing for "Spiritual. Note di parola e di profumo. Con gadget Copertina flessibile – 1 gen 2012". The product title is followed by a "Recensisci per primo questo articolo" link and a "Visualizza tutti i formati e le edizioni" link. A "Copertina flessibile" badge is visible. The product image area contains a placeholder box with the text "Nessuna immagine disponibile". On the right side, there are buttons for "Condividi", "Attualmente non disponibile" (with a note "Ancora non sappiamo quando sarà di nuovo disponibile"), "Aggiungi alla Lista", and "Ne hai uno da vendere?".

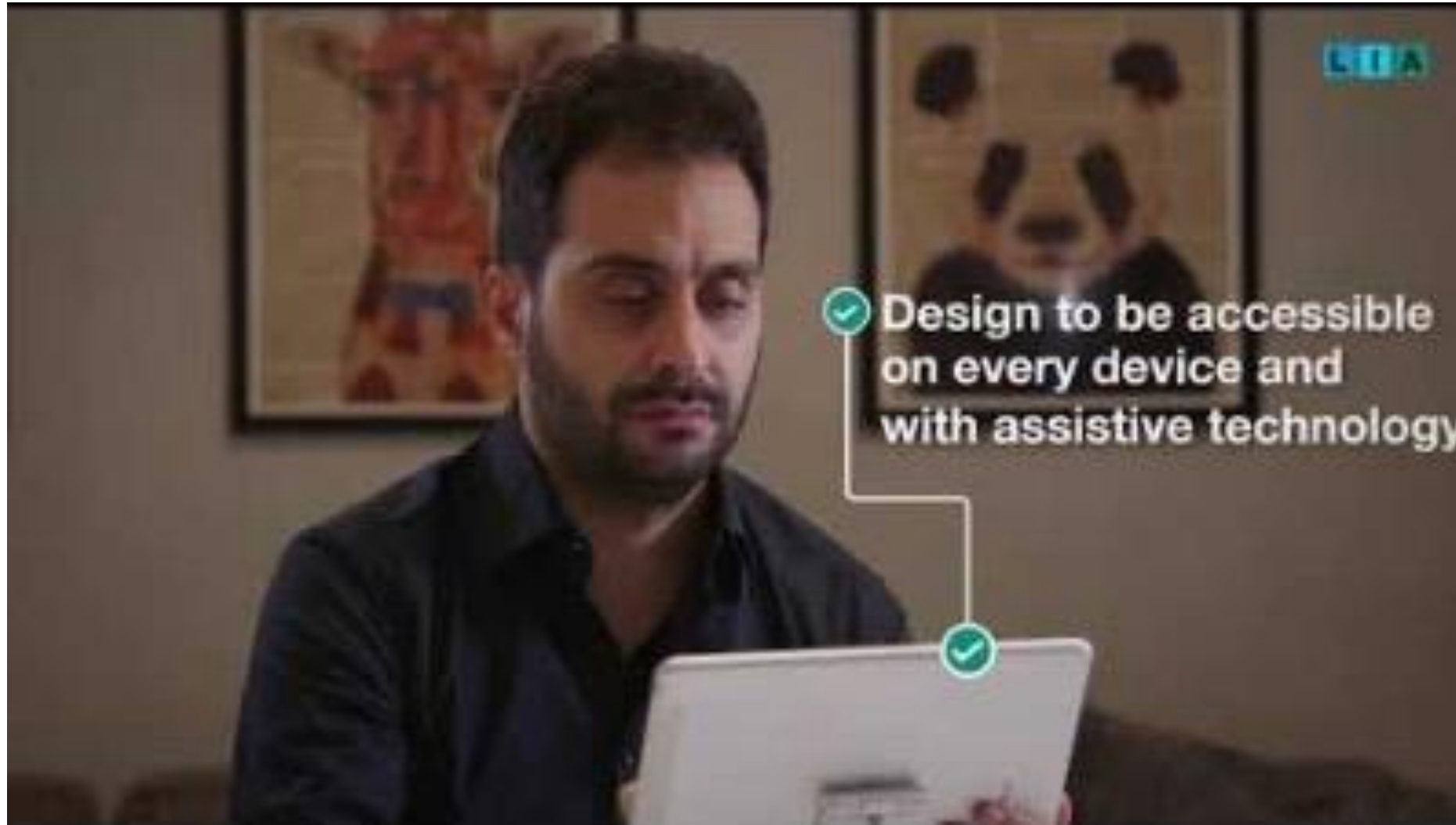
Offerte speciali e promozioni

- **Amazon Warehouse Deals**, la nostra selezione di prodotti usati e ricondizionati in offerta. [Scopri di più](#)

I clienti che stanno visualizzando questa pagina potrebbero essere interessati a questi link sponsorizzati (Cos'è?)

- **Profumi** - Confezioni regalo **Profumi** e Cosmetici: Il tuo Regalo di Natale! www.paginegialle.it/coluccio

The accessibility journey of an e-book

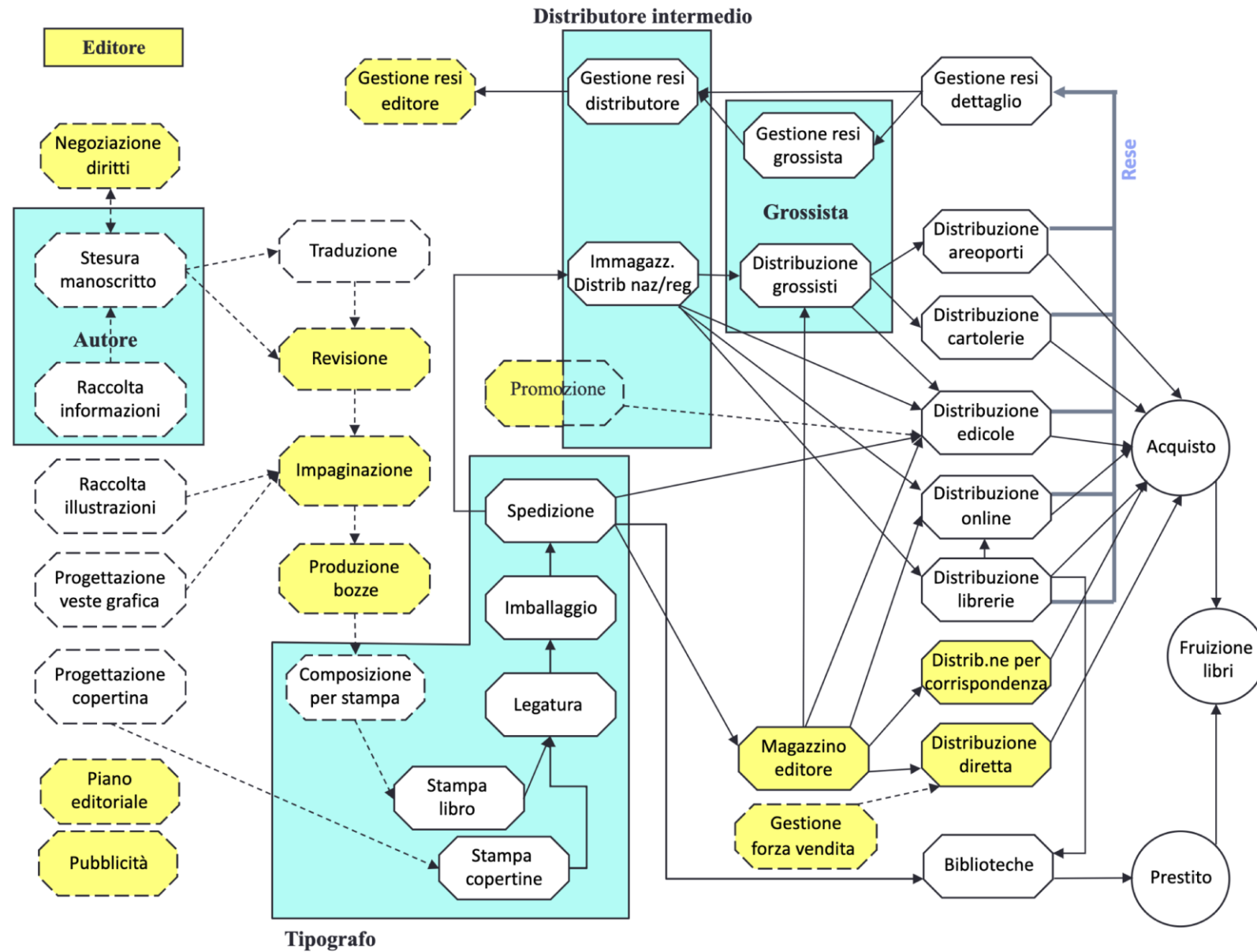


Open mic #1

- Do your platforms manage accessibility metadata?
- Is metadata displayed to end users?
- From which source does accessibility metadata come?

**Who creates
accessibility metadata?**

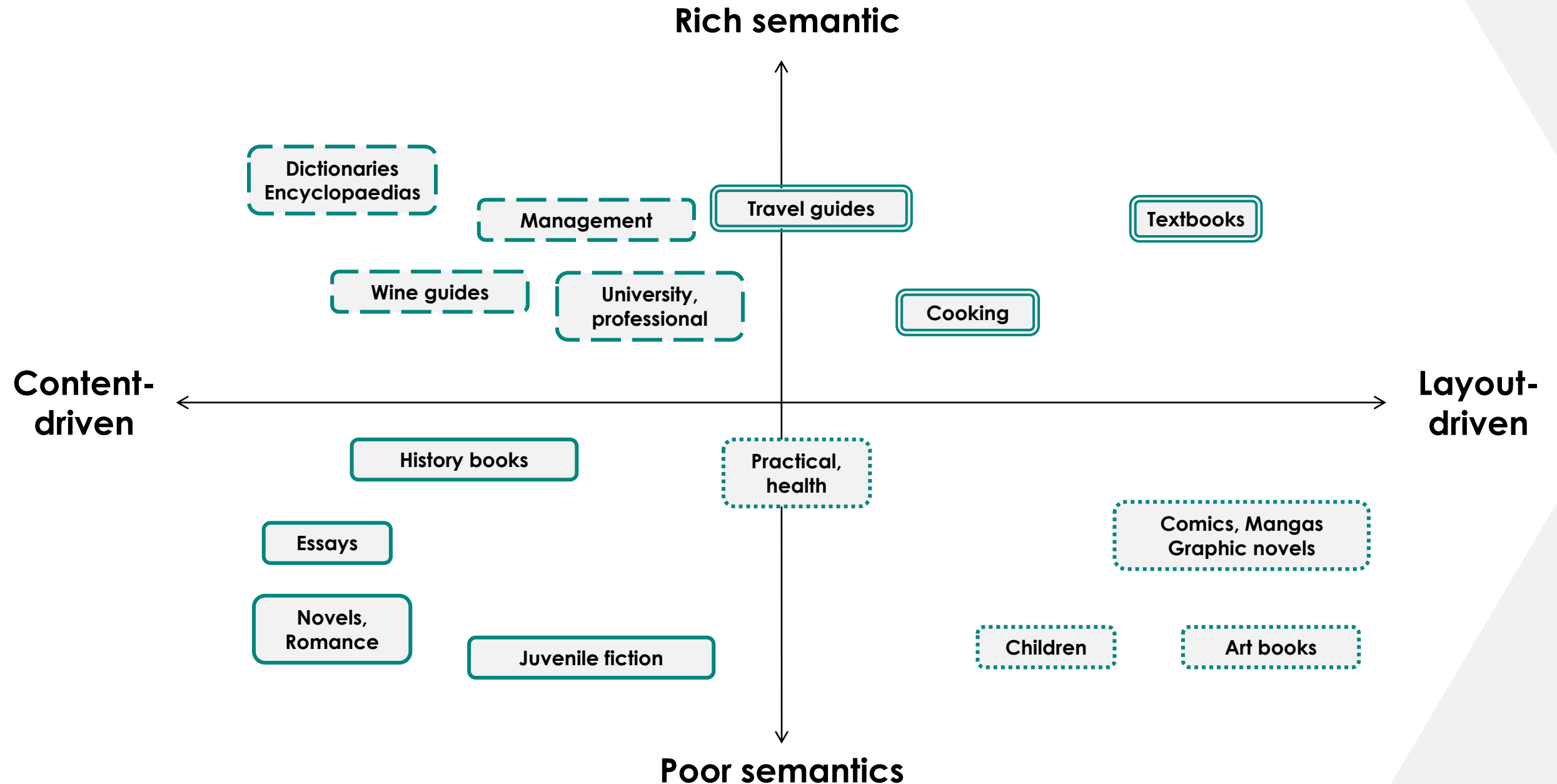
A long supply chain



How is the editorial process organized?

- Many market segments with very different supply and demand (reference, educational, professional, university, STM, children, fiction, nonfiction, art catalog, travel guide...)
- Many different types of books, with very different levels of complexity (from simple text to layout-based content)
- Many different design and production processes even for publishers operating in the same segment
- Many authors and actors involved in the process often including those outside the publishing house
- Publishers vary widely in size and organization

Matrix of publications



Who do you think should be involved?

GOVERNANCE

Administration

Legal office

DESIGN

INTERNAL
EXTERNAL

Editorial office

Authors

Graphic designer

PRODUCTION

INTERNAL
EXTERNAL

Editor

Iconographic researcher

Digital production

Editorial studios

Illustrators

Graphic designers

Layout designers

Designers / Sketchers

DISTRUBUTION

Online publication manager

Developers

Customer service

Commercial network manager



PUBLISHER

DISTRIBUTOR

A11Y CERTIFIER

Live QA #2

Do you produce e-books? Who produces them?

- Internally (in-house)
- Externally (suppliers)
- We do not produce e-books

How do you make e-books available to end users?

- Through our website
- Through aggregators and distributors
- Via digital lending platforms
- Via trade platforms for digital reading
- On e-learning platforms
- Other

Live QA #2

Who do you think should create accessibility metadata for books?

- Content creators
- Vendors working for publishers
- The aggregators or distributors
- Retailers
- The digital libraries
- The specialized organizations
- Others

Are there people in your organization with expertise in accessibility metadata?

- Yes
- No

The LIA catalogue: over 30,000 Born Accessible e-books

- Thanks to the efforts of 76 publishing imprints
- Constantly updated with new titles
- Accompanied by accessibility metadata
- LIA Quality Assurance

The screenshot displays the LIA website interface. At the top, the logo 'LIA LIBRI ITALIANI ACCESSIBILI' is visible alongside a user login section with fields for 'Nome utente' and 'Nuova Password', and links for 'Login' and 'Registrati'. A dark blue navigation bar contains the following menu items: HOME, CATALOGO, NOVITÀ, TOP TEN, RICERCA, CARRELLO, and PREFERITI.

On the left side, there are three main sections:

- GENERI**: A list of genres including NARRATIVA, SAGGISTICA, MANUALISTICA, RAGAZZI, and ALTRO.
- IL CATALOGO LIA**: A section with links for 'Cos'è LIA', 'EDITORI IN CATALOGO', and 'DOVE TROVARE GLI EBOOK LIA'.
- COME LEGGERE**: A section with links for 'GUIDA AGLI EBOOK' and 'GUIDA ALLA LETTURA'.

The main content area features a 'La vetrina LIA' section with a descriptive paragraph and a 'TOP TEN' section displaying a book cover for 'Eleanor Oliphant sta benissimo'.

A detailed view of the e-book 'Cleopatra. La regina che sfidò Roma e conquistò l'eternità' is shown, including the following details:

- Dettagli Titolo**: Cleopatra. La regina che sfidò Roma e conquistò l'eternità
- Autore**: Angela, Alberto
- Editore**: HarperCollins Italia
- Anno edizione**: 2018
- Formato**: EPUB
- Dimensioni**: 16 925Kb
- Pagine**: 430 (edizione cartacea)
- ISBN**: 9789858991152
- Protezione**: Adobe DRM
- Lingua Testo**: ita
- Prezzo**: €9,99

The 'Presentazione Titolo' section provides a detailed description of the book's content and historical context. Below this, the 'Caratteristiche di accessibilità' section lists the following features:

- Questo eBook è stato certificato accessibile da LIA per non vedenti e ipovedenti e presenta le seguenti caratteristiche:
- Permette alla sintesi vocale di rispettare le regole di pronuncia e sillabazione della lingua del testo.
- Permette l'ingrandimento dei caratteri del testo e la modifica dei colori e dei contrasti per il testo e lo sfondo.
- Contiene un indice dei contenuti che permette l'accesso diretto a tutti i capitoli del testo tramite link. I titoli sono identificati come tali per favorire la navigazione.
- Il contenuto segue un ordine di lettura logico e corretto. I rimandi di nota sono linkati e consentono di accedere alle note e ai siti esterni, se presenti.
- Immagini, grafici, tabelle (e tutti gli altri contenuti non testuali) hanno una descrizione alternativa breve.

At the bottom of the page, the website URL www.libriitalianiaccessibili.it is displayed in a large green font.

Challenges for managing metadata for accessibility

Every player should play their part

Publishers and content creators	Digital distributors or aggregators	Books in print catalogues	Digital bookstores or digital libraries	Reading solutions
<ul style="list-style-type: none">• Produce new publications as born accessible publications following the guidelines• Make the catalogue accessible• Checking Accessibility• Quality control and certification for Accessibility• Create accessibility metadata	<ul style="list-style-type: none">• Ingest and distribute accessibility metadata• Implement non-blocking accessibility DRMS	<ul style="list-style-type: none">• Ingest and distribute accessibility metadata• Create a catalogue of born accessible publications available on the market	<ul style="list-style-type: none">• Create graphical user interface following accessibility guidelines• Display accessibility metadata to end users• Expose accessibility metadata to search engines• Inform end user of the compliance with accessibility requirements	<ul style="list-style-type: none">• Create graphical user interface following accessibility guidelines• Display accessibility metadata to end users• Implement non-blocking accessibility DRMS• Inform end user of the compliance with accessibility requirements

Need for specific skill set

- **Interdisciplinary knowledge** is required to be able to create and manage accessibility-related metadata:
 - have a good understanding of **born accessible** and digital accessibility principles
 - have an **in-depth knowledge of the technical specifications** for creating accessible content (EPUB Accessibility, WCAG, etc.)
 - know the needs of end users and the **assistive technologies** they use
 - know the **metadata standards**
- Inexperienced publishers may compile **incorrect or contradictory metadata**

A lot of data to manage

- Compared to the total bibliographic and commercial metadata normally managed by sales and distribution platforms, accessibility metadata is a **substantial number**:
 - Over **30 specific codes for accessibility in ONIX**, plus genre codes used in the area of accessibility
 - Over **50 specific codes** (some redundant) for accessibility in EPUB accessibility metadata

Accessibility = quality



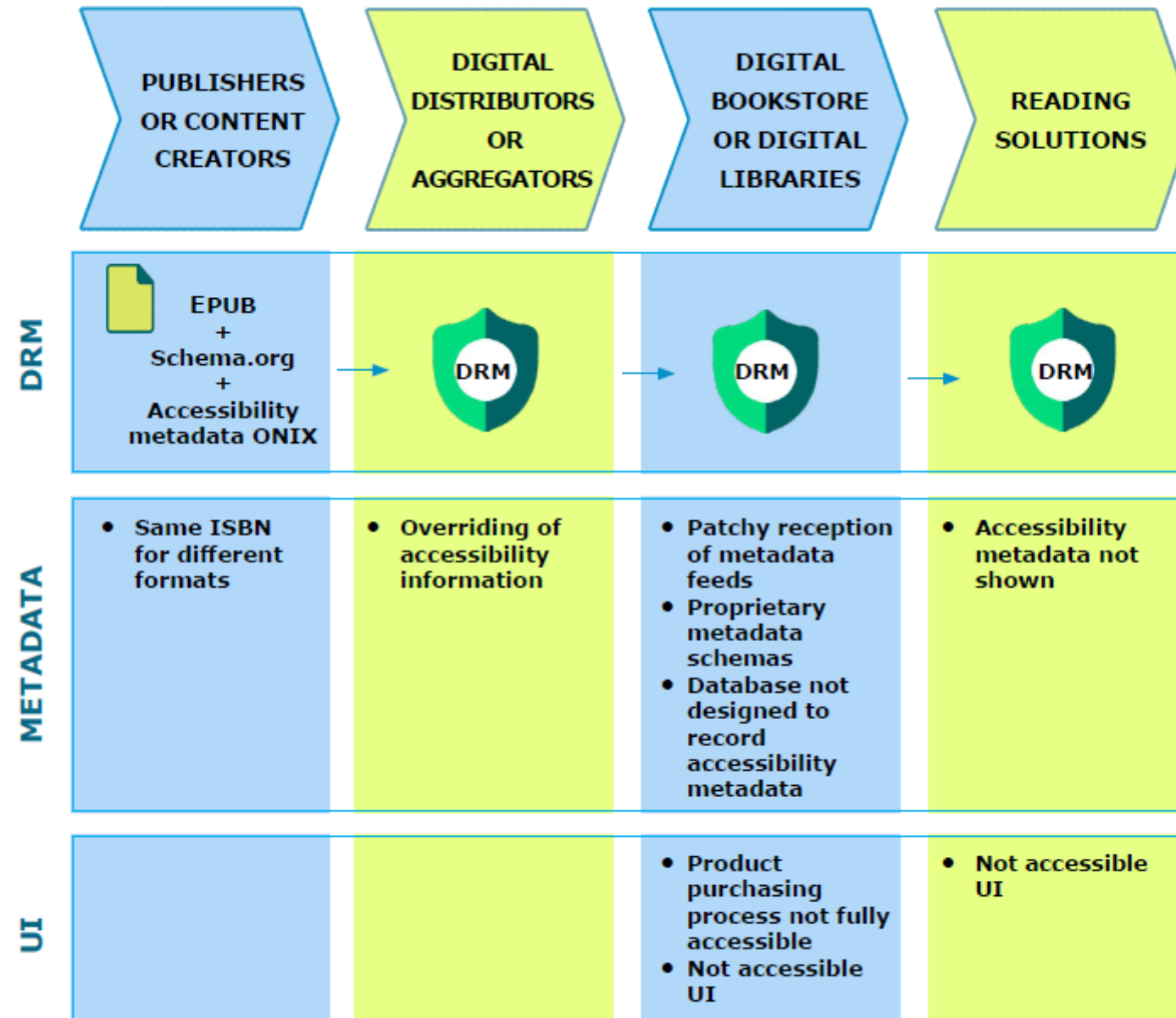
There is probably a need for an expert



The common mistakes we find most often

- Accessibility metadata that does not reflect the content of the accessible file (e.g., MathML even where no formulas are present)
 - Or presence of features within the e-book that are not listed in the accessibility metadata (e.g., TOC, or page-list)
- Lack of specification conformance metadata
 - Or metadata indicating conformance to specifications, even when there are serious accessibility errors
- Indications in the Accessibility Summary metadata (free text) that are not listed in the machine-readable metadata

Possible issues in distribution



Open mic #2

- What problems do you think are most likely to occur in accessibility metadata management?
- Have you encountered any of these problems?

The standards for communicating accessibility information

Different metadata standards for different domains

ONIX

- Trade distribution chain

Schema.org

- Within the EPUB file
- In web pages (SEO)

MARC

- Two formats: MARC 21 and UNIMARC
- Used in the library system

EPUB Accessibility Guidelines



An accessible e-book is a high-quality publication that:



Is compliant with Web Content Accessibility Guidelines (alternative text, semantics, reading order, colors)



Presents metadata to learn about accessibility features



Offers solutions to navigate the document in different ways (including by reference to print pages)



If has audio of the written text, it is synchronized with a karaoke style



Sources: EPUB Accessibility 1.1, WCAG 2.2

Risky business



The importance of machine-readable metadata

- The **accessibility summary** is an accessibility metadata that consists of free text, allowing content creators to describe the accessibility characteristics of a book.
- Over time, the accessibility summary has changed its purpose and now serves to provide information that cannot be represented by **machine-readable metadata**.

The importance of machine-readable metadata /2

- Machine-readable metadata are automatically interpretable by machines, allowing for better management and filtering of information.
- Using accessibility summary to describe accessibility features can lead to inconsistent and confusing descriptions for users.
- Machine-readable metadata approaches aim to standardize and simplify the presentation of accessibility information from different sources and languages for end users.

Displaying metadata to end users

Guidelines for displaying accessibility metadata

In W3C we are involved in the Accessibility Task Force of the Publishing Community Group working on metadata for accessibility.

The screenshot shows a web browser window with the following content:

- Browser Tab:** User Experience Guide for Displaying Accessibility Metadata
- Address Bar:** Archivio | /Users/greg/Git/publ-a11y/UX-Guide-Metadata/draft/principles/index.html
- Table of Contents (Left):**
 - 3. Key accessibility information
 - 3.1 Supports nonvisual reading
 - 3.1.1 Examples
 - 3.1.2 Metadata techniques
 - 3.2 Pre-recorded audio
 - 3.2.1 Examples
 - 3.2.2 Metadata techniques
 - 3.3 Visual adjustments
 - 3.3.1 Examples
 - 3.3.2 Metadata techniques
 - 3.4 Navigation
 - 3.4.1 Examples
 - 3.4.2 Metadata techniques
 - 3.5 Charts, diagrams, and formulas
 - 3.5.1 Examples
 - 3.5.2 Metadata techniques
 - 3.6 Hazards
 - 3.6.1 Examples
 - 3.6.2 Metadata techniques
 - 3.7 Conformance
 - 3.7.1 Conformance statements
 - 3.7.2 Additional conformance information
 - 3.7.3 Examples
 - 3.7.4 Metadata techniques
 - 3.8 Accessibility summary
 - 3.8.1 Examples
 - 3.8.2 Metadata techniques
 - 3.9 Additional accessibility information
 - 3.9.1 Examples
 - 3.9.2 Metadata techniques
- Main Content (Right):**
 - § 3. Key accessibility information**
 - NOTE**

When a publisher does not provide any accessibility metadata for a publication, a statement should be displayed to the user informing them that no information was supplied.
 - NOTE**

This document does not define the order in which to show the key accessibility information; each implementer can decide the preferred order for showing the accessibility information that follows.
 - § 3.1 Supports nonvisual reading**

Indicates whether all content required for comprehension can be consumed in text and therefore is fully available to assistive technologies and reading system text-to-speech functionality.

This field answers whether nonvisual reading is possible, not possible, or unknown.

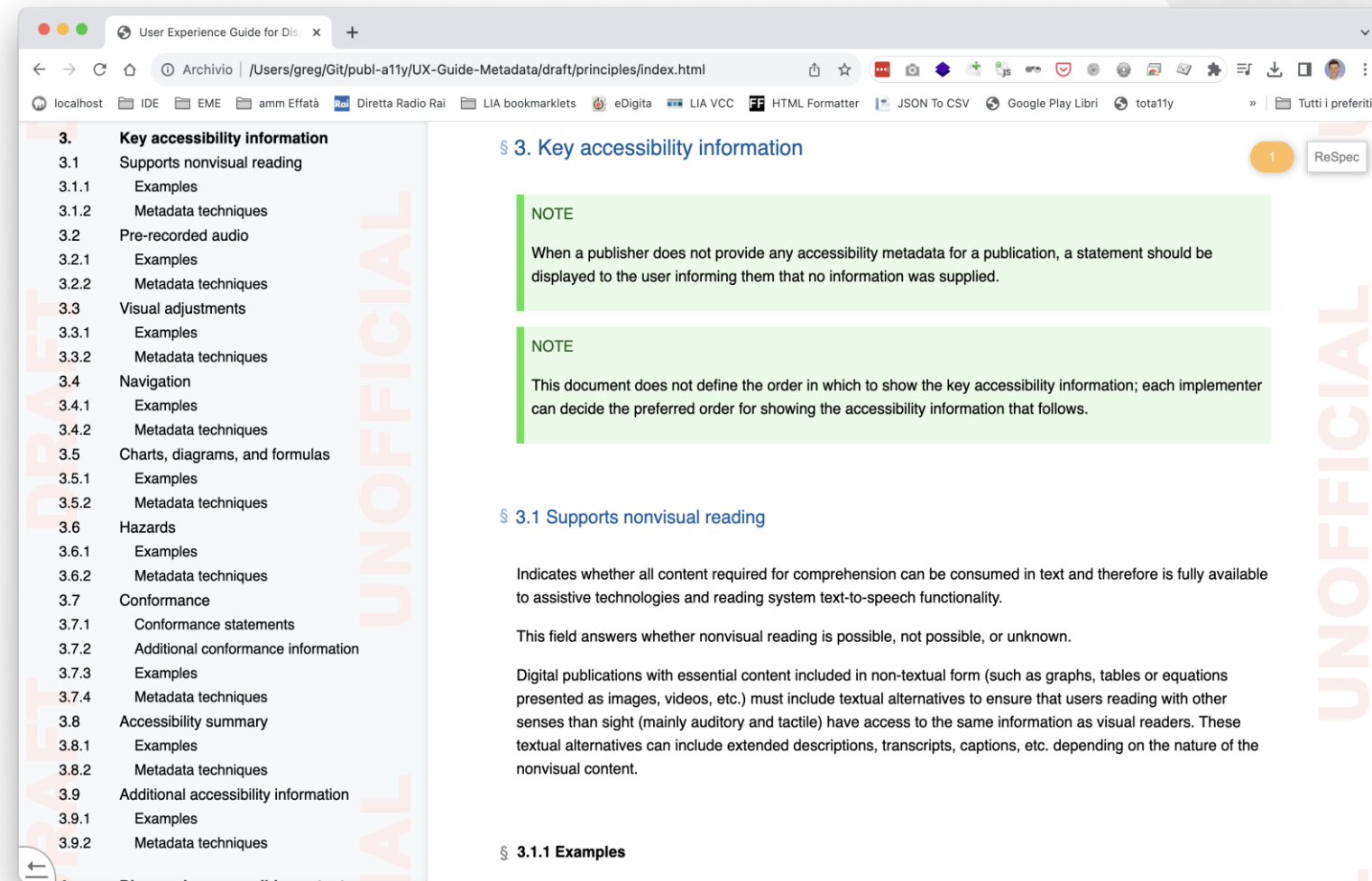
Digital publications with essential content included in non-textual form (such as graphs, tables or equations presented as images, videos, etc.) must include textual alternatives to ensure that users reading with other senses than sight (mainly auditory and tactile) have access to the same information as visual readers. These textual alternatives can include extended descriptions, transcripts, captions, etc. depending on the nature of the nonvisual content.
 - § 3.1.1 Examples**

Guidelines for displaying accessibility metadata /2

We proposed grouping many metadata into categories and sub-categories, and for each:

- **Identify a name** (which will be localized in different languages)
- **Identify a textual description** (which will be adapted according to the metadata present)

The strings will be localizable in different languages



Open mic #3

- What do you think is the most important accessibility information for the end user?
- What does the end user check when looking for an accessible e-book?

The LIA catalogue since 2011

The screenshot shows a web browser window with the URL `catalogo.fondazioneia.org/content/milano-passenger-esploratori-del-mondo-9788870918892`. The page content includes a sidebar on the left with the following links: **GUIDA ALLA LETTURA DIGITALE**, **GUIDA AGLI E-BOOK**, **PROVA EBOOK ACCESSIBILE**, **PROVA UN EBOOK ACCESSIBILE GRATIS**, **AIUTO E FAQ**, **FAQ**, and **CONTATTI**. The main content area displays a text snippet about Milan, followed by a blue-bordered box titled **Caratteristiche di accessibilità**. This box contains the following text and list:

Questo eBook è stato certificato accessibile da LIA per non vedenti e ipovedenti e presenta le seguenti caratteristiche:

- Permette l'ingrandimento dei caratteri del testo e la modifica dei colori e dei contrasti per il testo e lo sfondo.
- Contiene un indice dei contenuti che permette l'accesso diretto a tutti i capitoli del testo tramite link. I titoli sono identificati come tali per favorire la navigazione.
- Il contenuto segue un ordine di lettura logico e corretto. I rimandi di nota sono linkati e consentono di accedere alle note e ai siti esterni, se presenti.
- Immagini, grafici, tabelle (e tutti gli altri contenuti non testuali) hanno una descrizione alternativa breve.
- Permette alla sintesi vocale di rispettare le regole di pronuncia e sillabazione della lingua del testo

Per conoscere le caratteristiche di accessibilità dei dispositivi, software e applicazioni di lettura consulta la sezione **Come leggere**

The LIA label on platforms

The image shows two overlapping browser windows. The background window displays the Medialibraryonline website for the book 'La vita intima' by Niccolò Ammaniti. The foreground window shows a detailed view of the book's page, including the title, author, publisher, and a section on accessibility features.

medialibrary.it/media/scheda.aspx?id=150302522

mlol MEDIALIBRARYONLINE
LA BIBLIOTECA DIGITALE QUOTIDIANA

HOME ESPLORA PERCORSI LOGIN INFO AIUTO RICERCA AVANZATA CERCA UNA RISORSA

La vita intima
Niccolò Ammaniti
EINAUDI, 2023

Aggiungi ai preferiti 211
Aggiungi a una lista

Liste che contengono il titolo (6)

LIA ✓

Anteprima

DESCRIZIONE

"La paura finisce dove comincia la verità".

Niccolò Ammaniti è ritornato piú cattivo, divertente e romantico che mai.

Maria Cristina Palma ha una vita all'apparenza perfetta, è bella, ricca, famosa, il mondo gira intorno a lei. Poi, un giorno, riceve sul

La vita intima | LIA Link da siti

lia.libriitalianiaccessibili.it/9788858441442

Dettagli Titolo

Autore: Ammaniti, Niccolò
Editore: Einaudi

Presentazione Titolo

«La paura finisce dove comincia la verità». Niccolò Ammaniti è ritornato piú cattivo, divertente e romantico che mai. Maria Cristina Palma ha una vita all'apparenza perfetta, è bella, ricca, famosa, il mondo gira intorno a lei. Poi, un giorno, riceve sul cellulare un video che cambia tutto. Nel suo passato c'è un segreto con cui non ha fatto i conti. Come un moderno alienista Niccolò Ammaniti disseziona la mente di una donna, ne esplora le paure, le ossessioni, i desideri inconfessabili in un romanzo che unisce spericolata fantasia, realismo psicologico, senso del tragico e incanto del paradosso.

Caratteristiche di accessibilità

Questo eBook è stato certificato accessibile da LIA per non vedenti e ipovedenti e presenta le seguenti caratteristiche:

- Permette l'ingrandimento dei caratteri del testo e la modifica dei colori e dei contrasti per il testo e lo sfondo.
- Contiene un indice dei contenuti che permette l'accesso diretto a tutti i capitoli del testo tramite link. I titoli sono identificati come tali per favorire la navigazione.
- Il contenuto segue un ordine di lettura logico e corretto. I rimandi di nota sono linkati e consentono di accedere alle note e ai siti esterni, se presenti.
- Immagini, grafici, tabelle (e tutti gli altri contenuti non testuali) hanno una descrizione alternativa breve.
- Permette alla sintesi vocale di rispettare le regole di pronuncia e sillabazione della lingua del testo

Interviews with users

- We held two focus groups with visually impaired users to **identify their needs**
- Currently to understand whether an e-book meets their needs, users download the **free sample** (where available)
- Users identified these important elements:
 - Having **clear accessibility information**
 - Presented in a **concise manner**
 - But also explained in a way that **everyone can understand** what they mean

Comparison with international peers

- We found that there are many national working groups working on local guidelines on how to display metadata: **they are not all aligned.**
- Over the past few months, LIA's metadata team has met with the different working groups:
 - EDRLab (France)
 - Börsenverein (Germany)
 - Les Librairies indépendantes du Québec (Canada)
 - Demarque (Canada)
 - Dedicon (Netherlands)
 - Kobo (Canada)
- We discussed different approaches in showing metadata, presented our model, and called for **collaborative work** in participating in the W3C to help draft the new guidelines.

Consensus and release of the new version

- The process of publishing W3C documents is based on **consensus**
- Therefore, LIA is working to **raise awareness among all the stakeholders** involved to arrive at a proposal that everyone agrees on
- We would like to arrive at an updated draft of the User Experience Guides for Displaying Accessibility Metadata **by the end of 2023**

Q&A

Please type your questions in the Q&A panel



ACUP
APUC

Thank you

Please fill out an evaluation:

<https://www.surveymonkey.com/r/FXHMYDP>

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