AUDIOBOOKS AT READIUM & EDRLAB

THORIUM READER IS IMPLEMENTING W3C AUDIOBOOK SUPPORT

WHAT IS EDRLAB?

Non-profit association, ~54 members (list) worldwide

Works on standards, open-source software (via Readium) and accessibility

Revenue stream = membership fees and grants

Develops and manages the LCP DRM, worldwide

WHAT IS READIUM?

Readium is NOT a reading app (i.e. a user agent)

Readium "2" is a set of toolkits (SDK), one per platform

    Readium Mobile

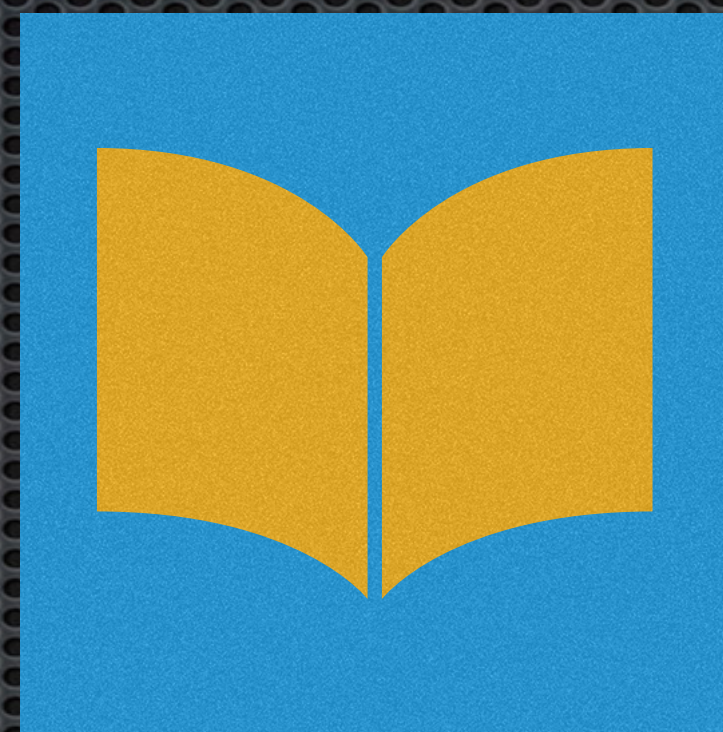   Readium Desktop

    Readium Web

Initially focusing on EPUB 3. Now more generic (PDF, audiobooks, comics)
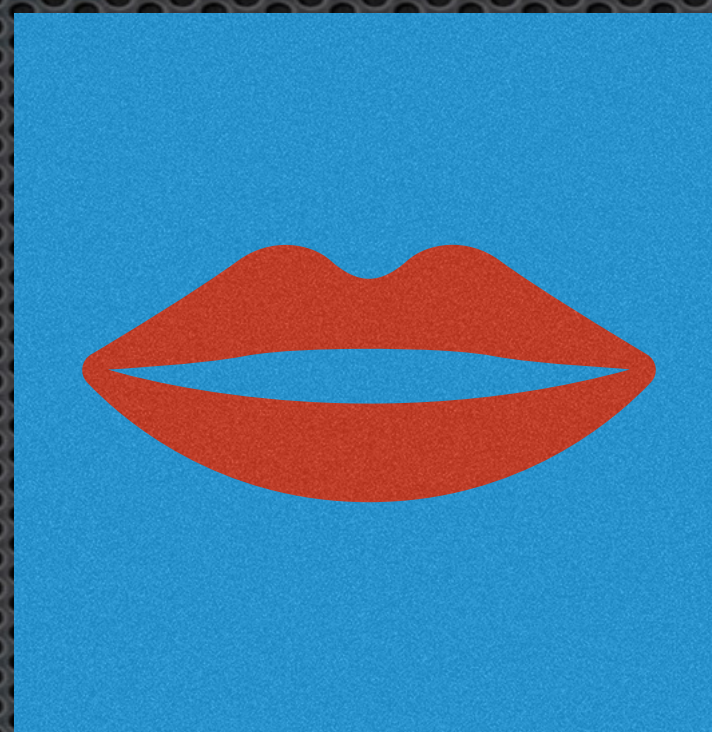
Plus Readium LCP

Readium 2 / media equality

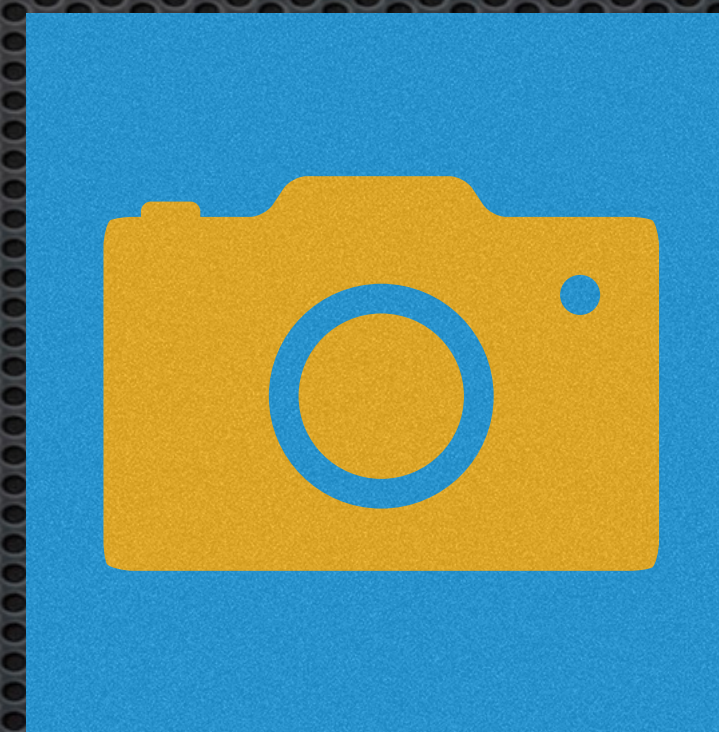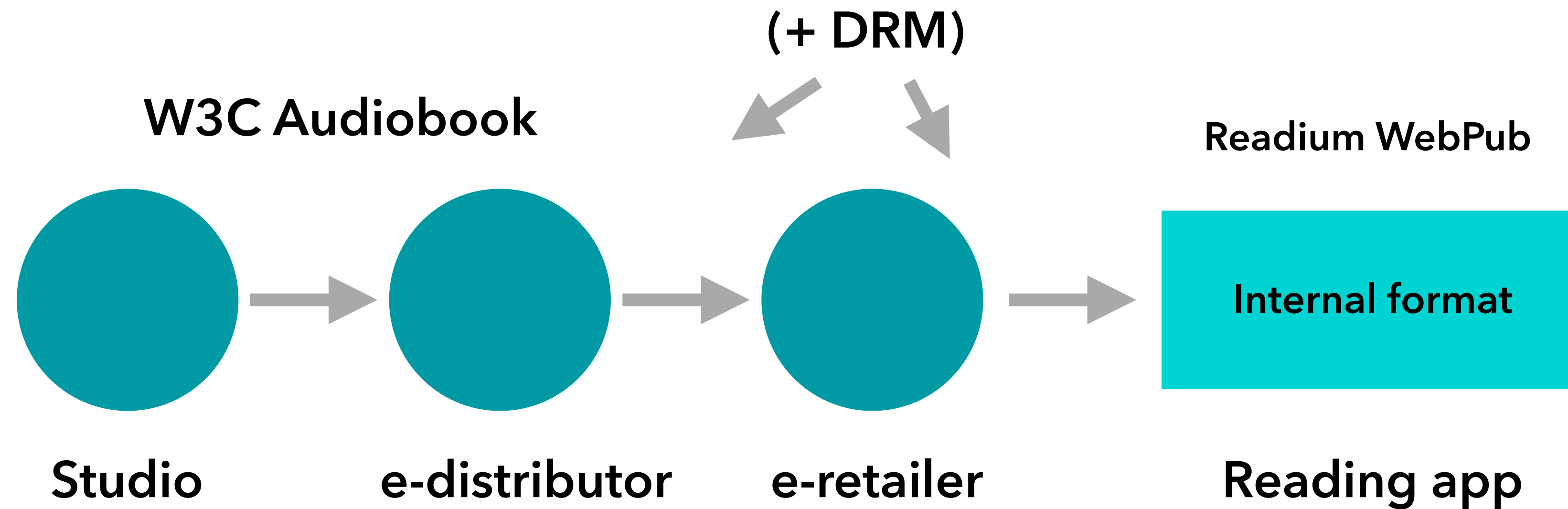Equivalent emphasis on

Text
based

Audio
based

Image
based

Publications

WORKFLOW

THE SOURCE FORMAT IS TRANSFORMED INTO THE INTERNAL FORMAT "SOMEWHERE" IN THE WORKFLOW

23

APPS CURRENTLY BASED OF READIUM MOBILE & DESKTOP

And ~10 under development

https://github.com/readium/awesome-readium

AUDIOBOOK SUPPORT MOBILE APPS

On the Android R2 Reader test app since mid-2019 (Readium WebPub format).

On 13 Readium Mobile based apps ... using different custom import formats (including the Readium WebPub format).
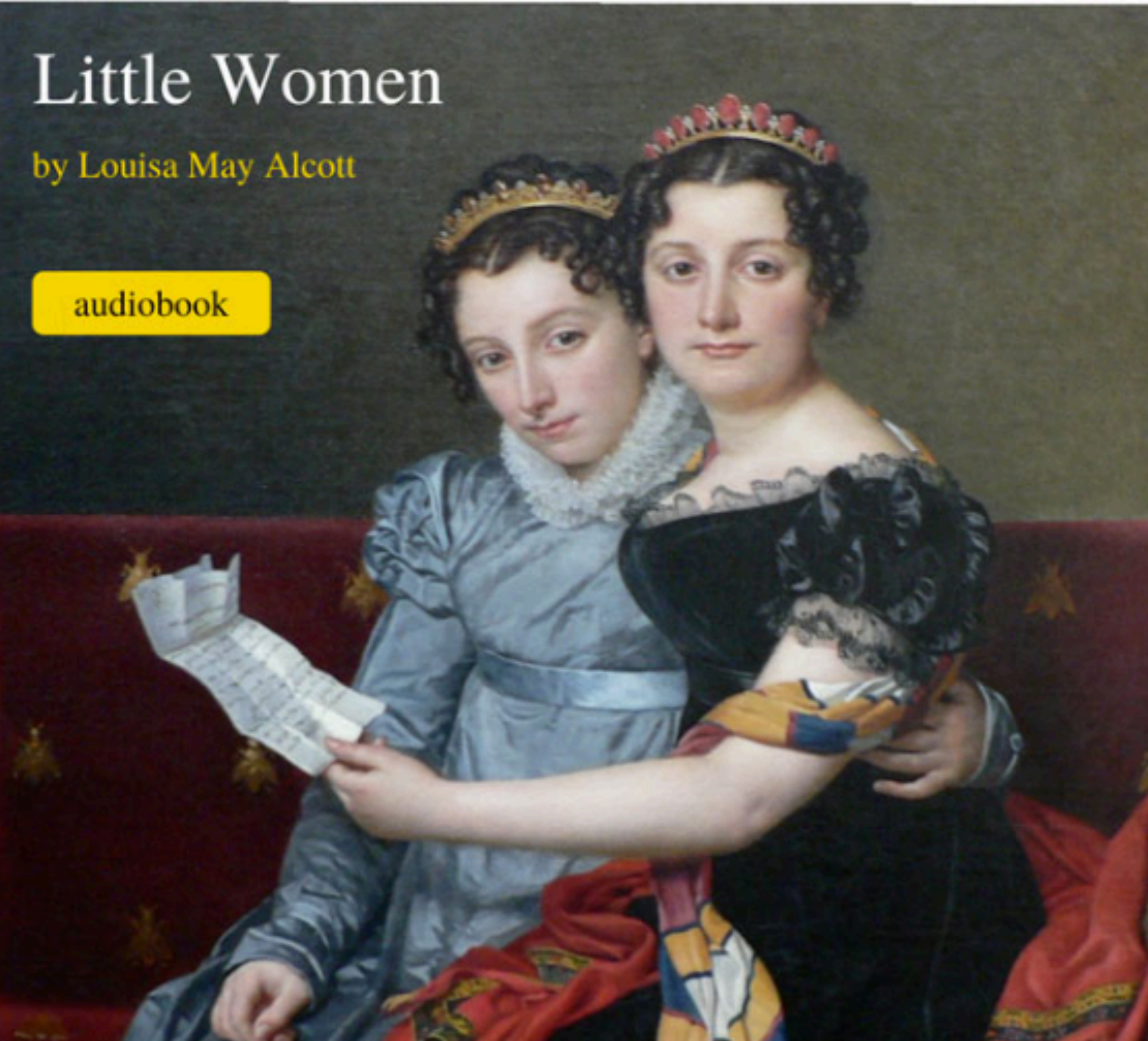
W3C format: currently, waiting for producers.

CLOUD READER

<--> READIUM WEB

https://www.jellybooks.com/cloud_reader/audiobooks/little_women
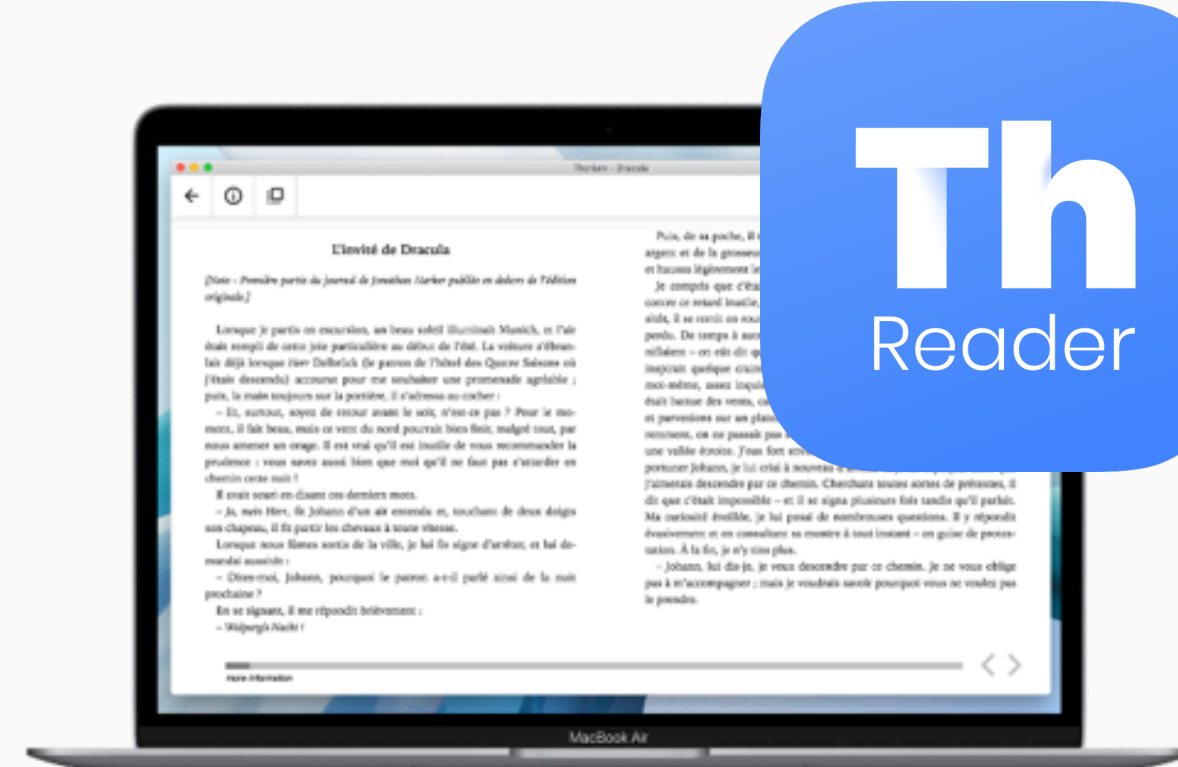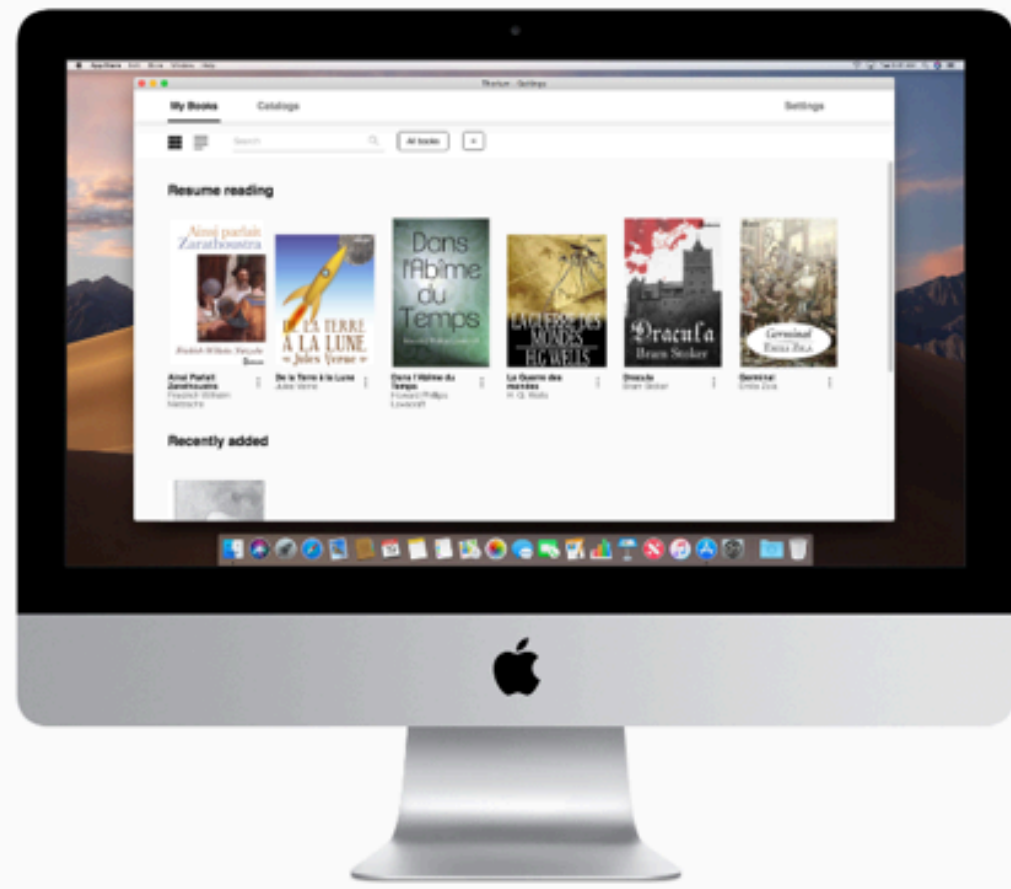
07 - Amy's Valley of Humiliation

00:02   15:35
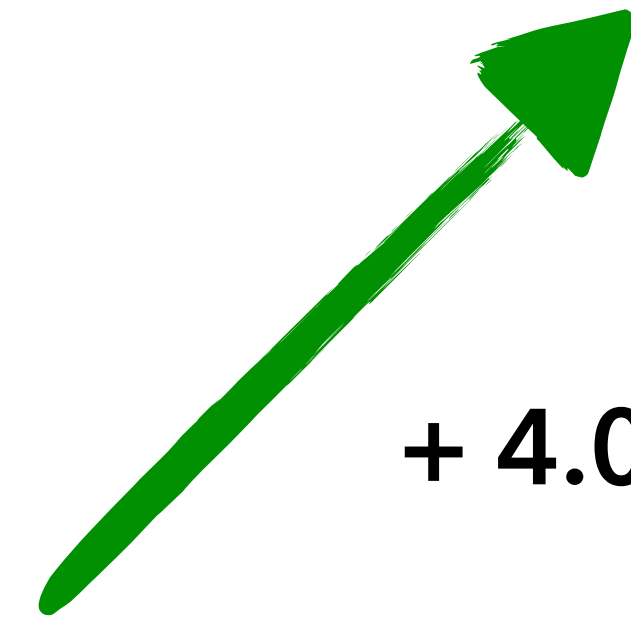
Th Reader

THORIUM READER

A WINDOWS, MAC, LINUX READING APP BASED ON READIUM DESKTOP

FREE, MODERN, HIGHLY ACCESSIBLE, OPEN-SOURCE

20.000

WINDOWS 10 USERS

+ 4.000 / month

USERS / COUNTRY

USA first ...

Marché	Sessions utilisateur
États-Unis	3063
Inde	2592
Japon	2555
Trinité-et-Tobago	1581
Brésil	1355
Chine	1067
France	998
Australie	947
Canada	938
Italie	712
Corée du Sud	637
Royaume-Uni	576
Mexique	568
Allemagne	560
Espagne	408
Russie	393
Belgique	372
Roumanie	359
Afrique du Sud	344
Turquie	339
Nigeria	310

IMPLEMENTATION

Create W3C Audiobook samples (simple / complex). Cmd line tool created by J.Panoz.

Create a mapping to the internal Readium format (incl. accessibility metadata)

Adapt the open-source LCP server to W3C Audiobooks

Adapt Readium Desktop / Thorium to W3C Audiobooks

```
    "https://www.w3.org/ns/pub-context"
  ],
  "conformsTo": "https://www.w3/org/TR/audiobooks/",
  "type": "Audiobook",
  "dateModified": "2020-03-23T16:58:27.372Z",
  "id": "urn:uuid:6b1c1997-d8c9-43a5-9b4b-b9d8b9c7771a",
  "name": "audiotest",
  "author": "Laurent Le Meur",
  "readBy": "Music",
  "publisher": "Standford",
  "inLanguage": "en",
  "datePublished": "2020-03-23",
  "duration": "PT150S",
  "resources": [
    {
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      "encodingFormat": "image/webp",
      "name": "Cover",
      "rel": "cover"
    },
    {
      "url": "index.html",
      "encodingFormat": "text/html",
      "name": "Table of Contents",
      "rel": "contents"
    }
  ],
  "readingOrder": [
    {
      "url": "audio/gtr-jazz.mp3",
      "encodingFormat": "audio/mpeg",
```

DEMONSTRATION

NEXT STEPS

No content -> why developing reading software?

W3C members needing convincing providers to deliver W3C Audiobooks

No DRM -> proprietary formats win:

EDRLab requesting support for LCP from US publishers (ebooks and audiobooks)

No money -> no software:

EDRLab needing financial support from publishers worldwide, for Readium & Thorium