



Readium Engineering Meeting 21 October 2020

Time:

15:30 UTC

[World Clock Time](#)

Recording

https://zoom.us/rec/share/03jEkCX5ZqKN0Ebt3_D7K7896Ze5Uvmm8SFQDGtKDzNIVc8eYAbaHKGyDWnr-vUt.R6yIBzqphyT3aOuf

Call Info:

This meeting is using Zoom -> [Direct link](#)

Note: if we have an issue with this password left open in the notes, will change / hide it.

Usual suspects: Aferdita Muriqi (DITA), Alan Harnum (IDRC, Inclusive Design Research Center, Toronto), Lynn McCormack (CAST), Bob Bogan (Baker & Taylor), Bob Goldowsky (CAST), Daniel Weck (EDRLab), Hadrien Gardeur (De Marque), Jean-Philippe Bougie (De Marque), Jiminy Panoz (Jellybooks), Juan Corona (Evident Point), Laurent Le Meur (EDRLab), Yuri Khramov (Evident Point), Fred Chasen (epub.js), Mickaël Menu (De Marque), Jonny Bailey (Rookland), Taehyun Kim (DRMInside), Risa Wolf (NYPL), Pierre Leroux (EDRLab), Malcom Woods (NYPL, SimplyE R2 migration), Quentin Gliosca (Readium Mobile Android), Andrew Rhomberg (Jellybooks).

Attendees:

Laurent, Daniel, Mickaël, Quentin, Aferdita, Andrew, Jiminy, Risa

Regrets:

Ric

Scribes:

Laurent

Previous Minutes and recordings

- [All 2020 notes](#)
- Note: **ALL** of the previous minutes for the Readium Eng meetings are stored [here](#), including the recordings of the meetings

News

- At W3C, kick off of the Publishing CG, in charge of innovation in publishing. See <https://www.w3.org/community/publishingcg/> and <https://github.com/w3c/publishingcg>
 - The EPUB 3 WG (<https://www.w3.org/community/epub3/>) will soon study if the HTML5 serialization is accepted in EPUB 3.3
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Ongoing actions

- Ric to take on the initial task of setting up the repo for the Community Health as well as simplified issue template [*still* pending]
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Agenda

Note: please keep the agenda very short, only tokens to be discussed. Explanations in notes.

1. Radium Mobile
 - a. Authentication for OPDS
 - b. Should we remove `LCPSERVICE.addPassphrase`?
 - c. Should we ignore namespace prefixes in EPUB 2 meta tags (`name` vs `property`)?
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Meeting Notes

Radium Mobile

- Authentication for OPDS: should we integrate it in the toolkit? How?
 - For an integration in the toolkits we need ...
 - An http client; if 401 + auth document -> intercept and do something
 - Several auth flows; oauth2 with several grant types: implicit, password, ... + SAML
 - Display screen + form or display html page (implicit grant)
 - Saving credentials
 - Mickaël will continue experimenting, write a short doc, we'll discuss it later again.
 - Note: from <https://aaronparecki.com/oauth-2-simplified/#authorization> :

OAuth 2 provides several "grant types" for different use cases. The grant types defined are:

 - **Authorization Code** for apps running on a [web server](#), [browser-based](#) and [mobile apps](#)
 - **Password** for logging in with a [username and password](#) (only for first-party apps)
 - **Client credentials** for [application access](#) without a user present
 - **Implicit** was previously recommended for clients without a secret, but has been superseded by using the **Authorization Code grant with PKCE**.
 - See also <https://oauth.net/2/>
 - Original RFC : <https://tools.ietf.org/html/rfc6749>
- Should we remove `LCPSERVICE.addPassphrase`?
 - Use case = a user logs-in in a "settings" panel of the app, once. The corresponding LCP

passphrase (hash) is loaded immediately and stored. Later, he can load a document without having to enter the passphrase.

- Discussion: it would be better to let the app manage the storage of passphrases (e.g. in the keychain, in a specific db ...) -> let's study this solution
- Conclusion: addPassphrase will be removed from the alpha branch
- Should we ignore namespace prefixes in EPUB 2 meta tags (`name` vs `property`)?
 - <https://readium.slack.com/archives/C4APPBHUZ/p1602171610035900>
 - Conclusion: meta property (EPUB 3) takes precedence over meta name (EPUB 2) and meta "media:active-class" is not an array, is a single value.
 - If what should be single is multiple in practice, the shared model, via a helper, will give the proper value to use.
 - <https://www.w3.org/publishing/epub3/epub-mediaoverlays.html#sec-meta-property-values>
 - <https://www.w3.org/publishing/epub3/epub-packages.html#sec-meta-elem>
 - <https://www.w3.org/publishing/epub3/epub-packages.html#sec-opf-dcidentifier> -> must not be empty -> bug EPUBCheck.

Readium Web

- DRAFT PR: [Migrated Paginated and Scroll Bookviews into ReflowableBookView](#)
 - Needs a lot more work, but from what was there this is the first version of moving towards one view.
 - Readium CSS is not fully used yet
 - Some features that were used only in paginated mode, can be extended to support scroll mode as well
 - Added many TODO comments which would need refinement and review.
 - BookView interface might need to be looked into again, since it's not really a term of the navigator API (compared to Mobile)

Previous Notes

Next call Topics

- Review status of OPDS authentication
- ??