



Radium Engineering Meeting 28 July 2021

Time:

16:30 UTC

Call Info:

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

Recording : [here](#) (code: L^8BPZ=+)

Usual suspects: Aferdita Muriqi (DITA), Daniel Weck (EDRLab), Hadrien Gardeur (De Marque), Jiminy Panoz (Jellybooks), Laurent Le Meur (EDRLab), Mickaël Menu (De Marque), Risa Wolf (NYPL), Malcom Woods (NYPL), Quentin Gliosca (freelancer), Andrew Rhomberg (Jellybooks), Ettore Pasquini (NYPL), Mark Raynsford (NYPL), Henry “chocolate key” (De Marque).

Attendees:

Quentin, Aferdita, Laurent, Ettore, Andrew, Risa, Mickaël, Henri, Hadrien

Scribe:

Laurent

Previous Minutes and recordings

- [All 2021 notes](#)
- Note: **ALL** of the previous minutes for the Radium Eng meetings are stored [here](#), including the recordings of the meetings

News

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Ongoing actions

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Agenda

- ViewPager 2 on Android
 - Accessibility on iOS
 - Android
 - LCP Server
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Notes

ViewPager 2 on Android

- ViewPager 2 claims it supports rtl, vertical scroll out of the box. It could replace the custom code we have developed.
- But still an alpha version, not updated by Google since the first release (1,5 year).
- Seemed quite good, but has many shortcomings:
 - Preload doesn't work (the doc states it should) -> blocking issue.
 - It is a final class.
 - Others issues have workarounds
 - Does not support continuous scroll.
- Aferdita recommends not to use it and close the PR. Look at it again when the preload issue is solved.
- Quentin looked inside the code of ViewPager 2 and discussed with Steven, who used it. The PR is now obsolete.
- Quentin / Mickaël discussed using a recycler view instead.
- Decision : close the PR.

Accessibility on iOS

- There is a bug in Appel Webkit re. a11y; the para detection is not correct if paras are too close. Should we implement some hack around the bug or wait until Apple corrects it?
 - Solution: Add an opt-in option enabling a hack which is increasing the para spacing. It can be a configuration option of the navigator, like "fix-para-spacing".

Android

- Use of JetPack imposes upgrading Gradle to 7. To compile, some stuff had to be removed from the toolkit (Maven). Until now Gradle Plugin 4.2 / Gradle 6.9 was used (it was moved to 7 directly by Google).
 - Apps may therefore also have to move to Gradle 7; to be checked by Mickaël.

LCP Server, new version coming

- Correction of an issue with http upload of huges publication (timeout and memory usage).
- Correction of the type of the "duration" property of the RWPM, int to float.