Readium 0.29
Release Notes

22 December 2017

This release of Readium SDK and ReadiumJS (Chrome Application and Cloud Reader) comprises a small number of fixes, mainly in support of the Hypothes.is annotation plugin. There are also a number of minor bug fixes here and there.

The tag for this release is 0.29 on GitHub.

Improvements and Enhancements in this Release

Readium SDK

There are only real change to the SDK is an update to the latest gradle build tools and adaption to the current NDK and some minor bug fixes.

Cloud Reader/Chrome App

There are a number of minor bug fixes in this release that affect the support for hypothes.is bookmarking and annotation plugin. Most of these relate to styling or blocking the plugin from adding annotations to the actual UI of the CloudReader.

Note that these changes for the hypothes.is plugin ONLY affect the CloudReader. The Google Chrome app (deployed to the Google Chrome store) is wholly unaffected.

Caveat: There is still one known issue with handling of events in continuous scroll mode. This causes some problems to the Hypothes.is plugin. Until this is resolved, users are advised to avoid using continuous scroll mode. This bug will probably be fixed in the 0.30 release (targeted for early 2018).

There were also a number of minor changes to build infrastructure (support for Yarn and Chai, etc.)

All Fixes in this Release

The following bug fixes are in this release:

SDK

- Android tools and libraries (NDK) have been upgraded to the latest.

SDKLauncher-iOS

- [Gradle stable 4.4 is latest, and Build Tools 27.0.2](#)
- [fixes the Android build with latest NDKs, see](#)
- [ensures consistency with Android API declared in other build files](#)

SDKLauncher-Android

- [updated Android Studio / Gradle / NDK SDK deps](#)
- [Gradle latest is 4.2 (was 3.5)](#)
- [Android launcher: added try+catch for navigator.epubReadingSystem inj...](#)
- [reader.html now served via fake HTTP (intercept request) instead of f...](#)
- updated Android build tools version 27

SKLauncher-OSX

- Nothing significant

readium-js-viewer

- [Exclude hypothesis highlights from theme styling](#)
- [npm update package lock refresh (should fix issues related to missing...](#)
- [npm update](#)
- [force spin.js to earlier version as newest rewrite breaks build (ES6 ...](#)
- [fixed NPM deps](#)
- [Change the 'goto' link param format to a full CFI expression](#)
- [Prevent the override of the 'goto' query param when working with an `...](#)
- Merge pull request [#671](#) from readium/feature/full-cfi-bookmarking
- [fixes](#) #675 fullscreen API on iOS is missing
- [Merge pull request](#) #676 from readium/fix/fullscreen-ios
- [Merge pull request](#) #664 from readium/feature/hypothesis-highlights-an...

readium-js

- [npm update package lock refresh (should fix issues related to missing...](#)
- [fixed npm deps readium/readium-js-viewer#432 (comment)](#)
- [Pass the package document XML DOM to the package document model](#)
- [Add getter that helps lookup spine item idrefs using the CFI library](#)
- [Add CFI property and value to the spine item parsed data](#)
- [Support the option to use a CFI targeting the spine item in an open p...](#)
- [Merge pull request](#) #184 from readium/feature/full-cfi-bookmarking

readium-shared-js

- [npm update package lock refresh (should fix issues related to missing...](#)
- [npm update](#)
- git ignore VSCode plugin .history folder
- [fixing NPM deps readium/readium-js-viewer#432 (comment)](#)
- [fixed layout document body margin reset to zero to ensure user styles...](#)
- [Use the top window URL, if a CFI goto param is present, as a canonica...](#)
- [Expose CFI property from the passed data in the spine item model](#)
- [Declare the URIjs dependency where used but missing in requirejs wrap...](#)
- [Extend `buildUrlQueryParameters` helper to control escaping and to pr...](#)
- [Merge pull request](#) #428 from readium/feature/full-cfi-bookmarking
- [Merge pull request](#) #427 from readium/feature/buildurlqueryparams-frag...
- [Merge pull request](#) #425 from readium/feature/hypothesis-with-embedded...
- [Merge pull request](#) #424 from readium/fix/fixed-layout-body-margin-reset
- [Merge pull request](#) #432 from readium/feature/issue-431
- [Use UMD from npm package 'eventemitter3' instead of patching it ourse...](#)

readium-cfi-js

- [npm_update_package_lock_refresh (should fix issues related to missing...](#)
- [npm_update](#)
- [git_ignore_VSCode_plugin_.history_folder](#)

Additional Changes

In addition to the above more significant changes, there are many more minor changes related to infrastructure and build updates, maintenance, etc. You can see **all** of these via these links, which compare the state of the master branch of release 0.28.0 vs. the master branch of release 0.29.0.

[readium-shared-js](#)
[readium-js](#)
[readium-js-viewer](#)
[readium-js-cfi](#)
[readium-sdk](#)
[SDKauncher-Android](#)
[SDKLauncher-iOS](#)
[SDKLauncher-OSX](#)

Additional Information

For additional information or assistance, please contact [Ric Wright, Director of Engineering](#)

Not Yet Supported

- EPUB 3.0.1 rendition orientation properties
- Horizontal scrolling for reflowable Japanese documents (we support only paginated view)
- EPUB manifest-level fallbacks
- Page counts, page progression and "go to page"
- Separate non-paginated (modal) view for linear="no" items
- EPUB page-lists and landmarks
- Text search
- User-defined line-spacing
- Alternate style sheets

Known issues

Other Known Issues

- Images which are wider than the entire window will be cropped (rather than resized)
- Video controls sometimes disappear or behave erratically (WebKit bug)
- Video and audio will continue playing even when scrolled off the visible window
- Very long EPUB titles can overflow the title bar
- Opening or closing the ToC during MO playback resets playback to top of page
- Global styles are not applied to SVG

The previous Release Notes (0.28) are [here](#).

Readium Chrome Extension Release Notes:

EPUB Reader for Chrome
Readium for Chrome is the Google Chrome application based on ReadiumJS, an open source reading system and JavaScript library for displaying EPUB® publications in web browsers. ReadiumJS is a project of the Readium Foundation. EPUB is a widely adopted portable document format based on Web standards such as HTML5, CSS, JavaScript, and SVG. EPUB is a registered trademark of a registered trademark of W3C ® ([MIT](#), [ERCIM](#), [Keio](#), [Beihang](#)).

Improvements and Enhancements in this Release

 This release, 2.29.0, includes no new user-visible features, but does include a number of minor bug fixes related to navigation and page layout.

Full release notes can be found here:
https://docs.google.com/document/d/1b7j2Fjgpv-2uVQ5xVD2a62RCNHYJ11wrN6_IPzzVPa4/edit#