

EPUB FXL Accessibility Task Force - Working Space for Documentation

NOTE: When making changes to this document, please do so in “Suggesting” mode, or by adding comments.

To Do List:

- ~~Define what an accessible FXL EPUB looks like.~~
 - “An accessible FXL EPUB file is one that meets the accessibility requirements of WCAG 2.x AA and [EPUB Accessibility 1.1](#), including color contrast, reading order, font layout, structural navigation, media overlays, metadata, and text alternatives. In addition, accessible FXL EPUBs need to be able to adjust their font settings and/or color themes to accommodate a variety of reading needs.”
 - [DAISY KB on FXL](#) / [WCAG Conformance](#)
- ~~Outline a document for reading systems~~ — Charles
 - ~~How to best display HTML content~~
 - ~~How to best display SVG content~~
 - ~~How to best display image-based content~~
 - ~~Accessibility features for reading systems~~
 - ~~Alternative display methods~~
 - ~~Mixed reflow and FXL content~~
- Improve the document for content creators
 - Add information on SVG content creation - Wendy (create samples)
 - Add information on image-based content (raster-based images) - Sue and Rachel
 - Review current content and add notes - Gregorio and Charles
- For any example implementations - two implementations (in EPUBTest?)
- Experiment with new CSS animation properties
- FXL Accessibility “Techniques”

Evaluation of methods to allow reflowable text into fixed layout

[Fallbacks](#)

Fallbacks are working on some specialized reading devices like Daisy Players. Fallbacks are not exploited by RS accepting FXL obviously.

Could a RS proposing a mechanism to read the fallback instead of the main content be a solution?

[Multiple Rendition](#)

[Hybrid](#)

Hybrid epubs consist of FxL epubs with alternate HTML ressources. Each FxL page has a link to view the content as reflowable HTML. The example file provided by Hachette passes distribution channels making it a today usable solution, however there are questions about fluidity of navigation.

[Video replay of DPUB session on Hybrid epubs.](#)

This year, the working group dedicated to EPUB at the French Publishers Association (SNE) has started to explore the question of building accessible fixed-layout EPUBs.

Vincent Gros (Ebooks and Data specialist at Hachette Livre), presents one of these possible initiatives, called "hybrid" EPUB, based on EPUB 3.3 core features, and discuss about pros and cons.

[Guided navigation](#)

[Visual to textual](#)

[Region based navigation](#)

JS in files

[SVG](#)