

What is EPUB

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Contents

- What is EPUB
- Difference between EPUB and eBook
- How to create a EPUB file
- How reading systems to render EPUB files
- Key technologies
- EPUB3 specifications

What is EPUB

- EPUB : Electronic PUBlication
- Any document type what you want to distribute electronically can be represented as a EPUB file
- Defines both the format for the contents and how reading systems to render
- Almost all the technologies of EPUB are common WEB and XML standards

Difference b/w EPUB and eBook

- EPUB: just a format to represent content;
- eBook: electronic representation of a book, include format like pdf, word, epub and so on;

How to create a EPUB file

- Create content documents : XHTML5 documents/SVG images or mix of these two;
- Create package document (add details later)
- Zip all the resources into one single file with .epub extension and distribution;

How reading systems to render EPUB files

- Examine zip file;
- Determine whether it is a epub file from mimetype file;
- Find the package document;
- Discover how to render the resources to readers;

Key technologies

- XHTML5
- SVG1.1
- CSS 2.1 and 3
- JavaScript
- TrueType and WOFF
- SSML/PLS/CSS 3 Speech
- SMIL3
- RDF Vocabularies
- XML
- ZIP

EPUB3 Specifications

- EPUB Publication 3.0
- EPUB Content Documents 3.0
- EPUB Media Overlays 3.0
- EPUB Open Container Format(OCF) 3.0