Open source and Digital publishing

Software Freedom Day 2013 @ Federal University, Oye-Ekiti

By

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Definitions

- Digital Publishing (also referred to as ePublishing or electronic publishing) includes the digital publication of e-books, EPUBs, and electronic articles, the development of digital libraries and catalogues
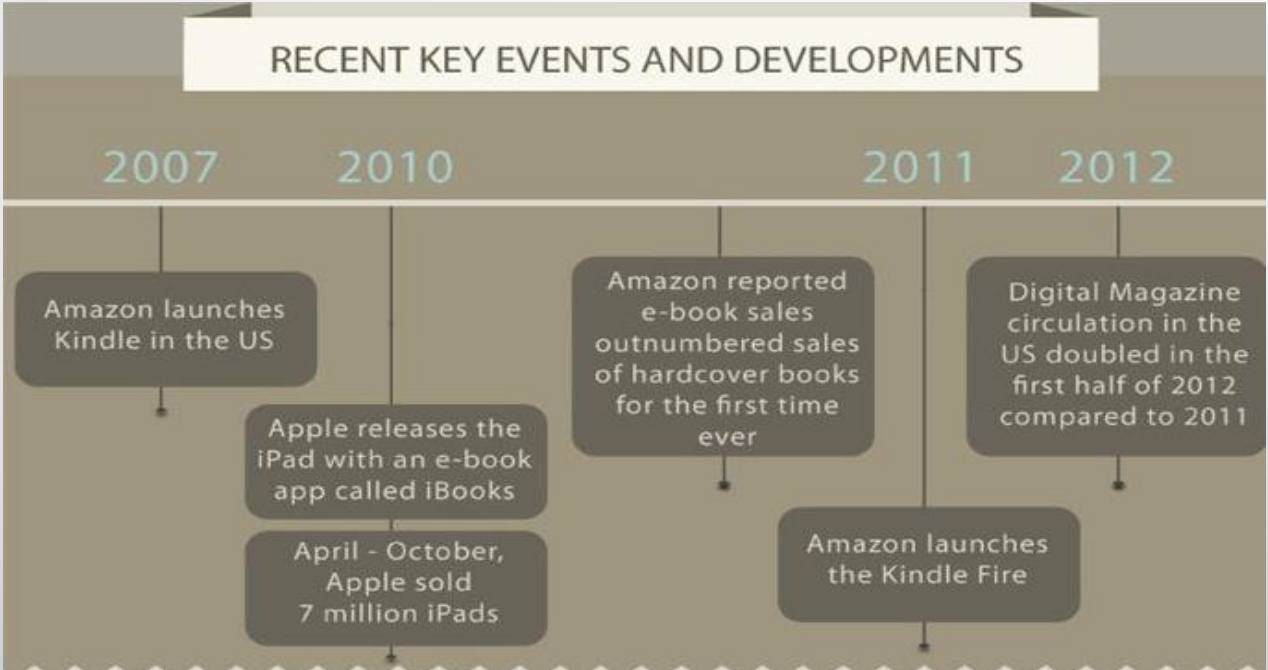
Digital Publishing process

- Digital or Electronic Publishing is the process of making books, journals and other materials usually available in hard copy to be available in soft copies and electronically which would easily allow it to be published to electronic book stores, distributed in ebooks formats such as EPUBs, PDF and MOBI formats to take various ebook reading devices such as Amazon's Kindle, Barnes and Nobles Nook and EPUB format for Apple ipad and Android devices

Digital book formats

- Epubs (an open standard by IDPF – International Digital Publishing Forum)

    - The default standard on Apple iBooks on iPad

- Mobi (used on Amazon Kindle e-book readers)

- Pdf (Portable Document Format – older specifications for electronic documents by Adobe)

Infographics

E-books against Print Books

Digital Publishing Tools

- Calibre (Open source, cross platform)

- Sigil epub editor (Open source, cross platform)

- Apple iBooks Designer (Proprietary, not cross platform)

- Adobe InDesign (Proprietary, available on windows, Mac Pc)

The Calibre Project

- Calibre – an open source e-book management software suite that coverts and manages ebooks

- Started by Kovid Goyal in 2006

- Written in Python, C, CoffeeScript and JavaScript

- Uses GNU GPL v3

Calibre

Sigil Epub Editor

- Is an open source editor for Epub ebooks

- Started by Strahinja Markovic in 2009 and since maintained by John Schember in 2011

- Supports both WYSIWYG and HTML editing of EPUB files

- Uses GNU GPL v 3

Sigil epub editor

Dive in

- Calibre http://calibre-ebook.com/ (main page)

  http://calibre-ebook.com/help

  http://manual.calibre-ebook.com/

- Sigil https://code.google.com/p/sigil/downloads/list
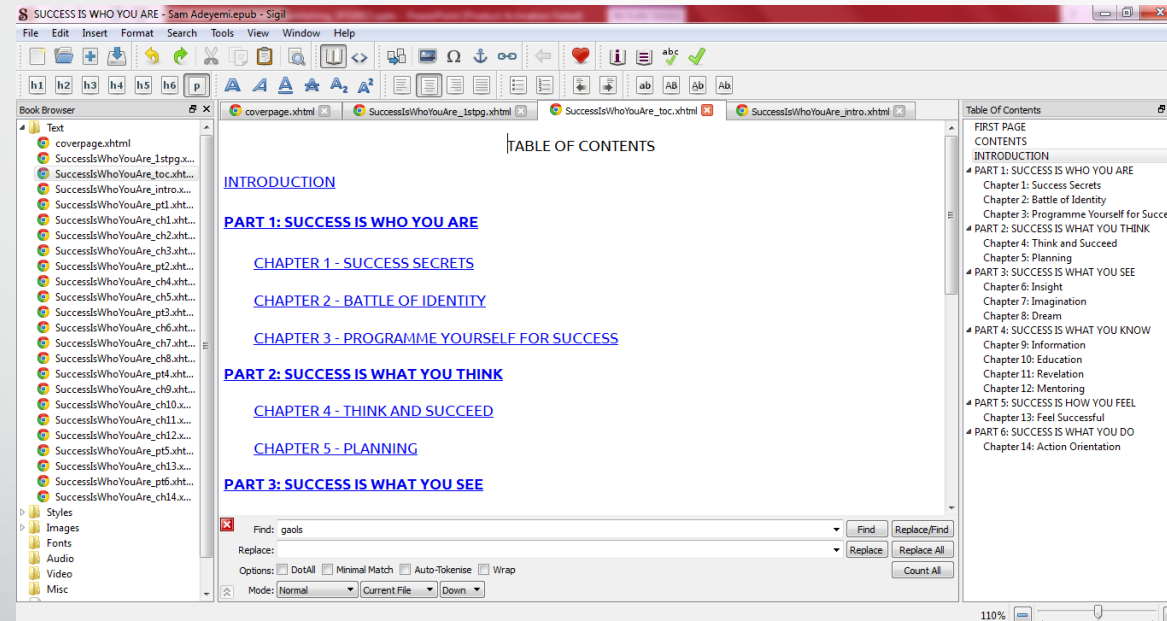
  https://github.com/user-none/Sigil

Stats

- Market research suggests that half of all magazine and newspaper circulation will be via digital delivery by the end of 2015 and that half of all the reading in the United States will be done without paper by 2015

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