

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

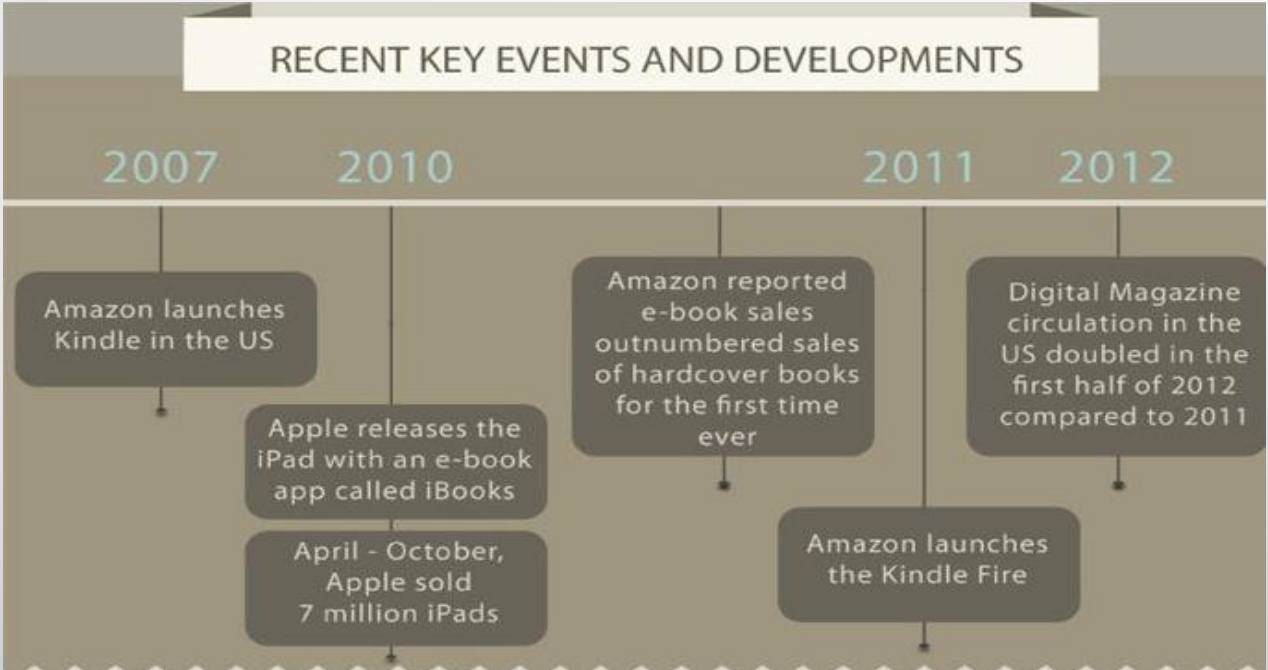
Digital Publishing process

- 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

The infographic is titled "E-BOOKS VS PRINT BOOKS" and is divided into two columns. The left column lists five advantages of e-books, and the right column lists five advantages of print books. At the bottom, a banner with a cube and dollar sign icon states "Physical space and cost".

E-BOOKS VS PRINT BOOKS

5 WAYS that e-books are better than paper books:

1. SAVED HIGHLIGHTS
2. UNLIMITED NOTES
3. ONLINE DICTIONARY
4. ABILITY TO SHARE QUOTES ON TWITTER OR FACEBOOK
5. SEARCH

5 WAYS that paper books are better than e-books:

1. FEEL
2. PACKAGING
3. SHARING
4. KEEPING
5. SECONDHAND BOOKS

Physical space and cost

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 converts and manages ebooks
- Started by Kovid Goyal in 2006
- Written in Python, C, CoffeeScript and JavaScript
- Uses GNU GPL v3

Calibre

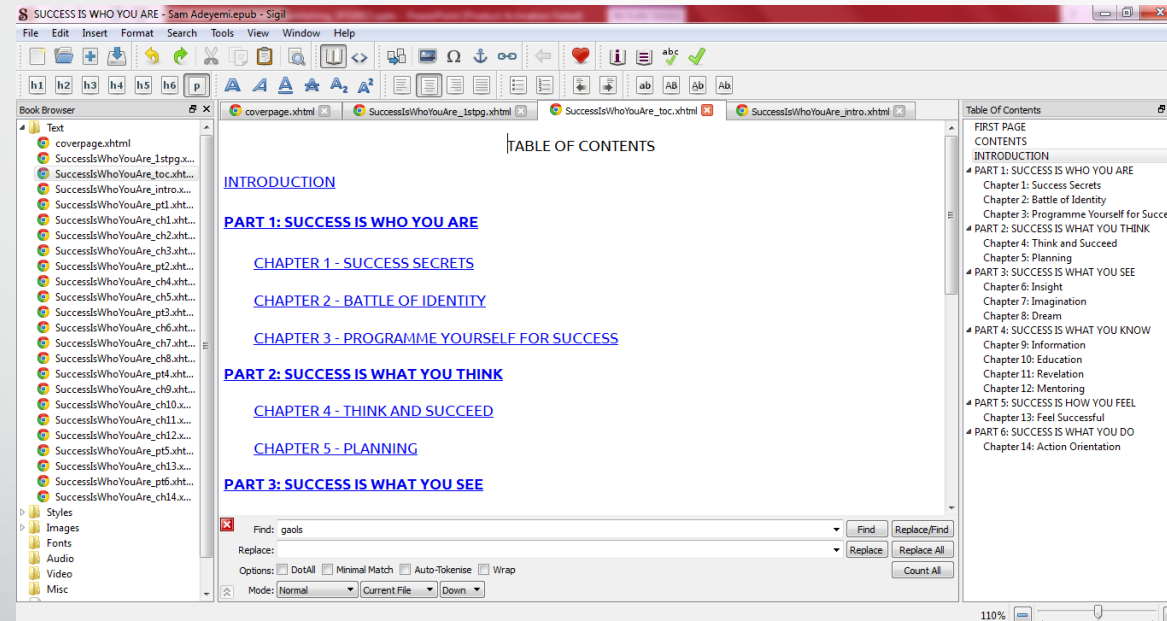
The screenshot shows the Calibre application window. The title bar reads "calibre - Calibre Library". The interface includes a menu bar with options like "Add books", "Edit metadata", "Convert books", "View", "Get books", "Fetch news", "Help", "Remove books", "Calibre Library", "Save to disk", "Connect/share", and "Preferences". Below the menu bar is a search bar and a sidebar with filters for Authors (28), Languages (2), Series (1), Formats (4), Publishers (20), Rating (3), News (0), Tags (113), and Identifiers (2). The main area displays a table of books with columns for Title, Author(s), Date, Size (MB), Rating, Tags, Series, Publisher, and Published. The book "SUCCESS IS WHO YOU ARE" by Sam Adeyemi is selected. A right-hand pane shows the book's cover and metadata: Authors: Sam Adeyemi, Formats: EPUB, MOBI, Tags: Christianity, Successful Living, and Path: Click to open. The status bar at the bottom indicates "calibre 0.9.39 created by Kovid Goyal [39 books, 1 selected]" and "Jobs: 0".

	Title	Author(s)	Date	Size (MB)	Rating	Tags	Series	Publisher	Published
15	The Cold, Cold Ground	Adrian McK...	16 Feb 2...	2.4				Profile Book...	Feb 2012
16	Linux Journal February 2013	Linux Journal	05 Feb 2...	7.6		Androi...		Belltown M...	Jan 2013
17	Smashwords Style Guide	Mark Coker	22 Jan 2...	1.3		ebook ...		Mark Coker	
18	Programming Your Home (for Jua...	Mike Riley	21 Jan 2...	4.2		Pragm...		The Pragma...	
19	The Purpose Driven Life: What on E...	Rick Warren	19 Jan 2...	0.7	★★★★	Childre...		Zondervan	Mar 2010
20	THE REBIRTH	Olusola Akin...	06 Jan 2...	22.4				Book Vine	
21	Sigil User Guide	Dave Heiland...	02 Jan 2...	7.6		ebook,...			Jun 2012
22	Linux Journal January 2013	Linux Journal	02 Jan 2...	5.9		ECC, LL...		Belltown M...	Dec 2012
23	Drupal 7 Mobile Web Development	2012	25 Oct 2...	5.2				Packt Publis...	
24	Linux Journal Special Drupal Issue	Linux Journal	18 Oct 2...	8.6		Drupal,...		Belltown M...	Sep 2012
25	Guide Hachette des Vins 2011	Collectif	17 Oct 2...	2.6				Hachette Pr...	Oct 2010
26	Start-Up	Unknown	23 Sep 2...	10.1					
27	Security Guide	Unknown	23 Sep 2...	1.6					
28	WHAT-I-WOULD-DO-DIFFERENTLY	Sam Adeyemi	18 Sep 2...	0.7		Coachi...	001 [1]	Pnuema Pu...	Sep 2012
29	Newbie's Getting Started Guide to ...	Stefan Neagu	20 Aug 2...	1.2		Refere...			Mar 2012
30	The Long Walk to Freedom	Nelson Mand...	08 Aug 2...	0.8		Politics		Little, Brow...	Aug 2012
31	LPIC-2 Linux Professional Institute ...	Roderick W. S...	08 Aug 2...	8.0				Sybex	Apr 2011
32	Steve Jobs	Isaacson, Wal...	08 Aug 2...	4.1				Simon & Sc...	Oct 2011
33	Linux Journal May 2012	Linux Journal	07 Aug 2...	6.4		Androi...		Belltown M...	Apr 2012
34	Startup: An Insider's Guide to Leau...	Kevin Ready	07 Aug 2...	1.8				Apress®	Dec 2011
35	Building A Successful Home	Nike Adeyemi	03 Aug 2...	0.1		Christi...		Pnuema Pu...	Jul 2012
36	The Tipping Point	Malcolm Gla...	03 Aug 2...	1.0				BUS00...	Nov 2006
37	SUCCESS IS WHO YOU ARE	Sam Adeyemi	03 Aug 2...	0.3		Christi...		Pnuema Pu...	Jun 2012
38	Linux Journal August 2012	Linux Journal	03 Aug 2...	6.2		Doc Se...		Belltown M...	Jul 2012
39	Calibre Quick Start Guide	John Schember	27 Jul 2012	0.1				calibre	Jul 2012

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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