



# Kako izdelati e-knjigo? Pregled obstoječih tehnologij in rešitev

digitalizirane e-knjige & ponatisi na zahtevo

[http://www.youtube.com/watch?v=M4PL\\_WRwLWE](http://www.youtube.com/watch?v=M4PL_WRwLWE)



[http://www.youtube.com/watch?v=E-u\\_ImZJeyo](http://www.youtube.com/watch?v=E-u_ImZJeyo)

<http://www.youtube.com/watch?v=Jxdkap3Gb8U>

e-založništvo

# Razvoj računalniške tehnologije

ZDAJ in NEKOČ



ZDAJ in v BODOČE



- e-knjiga (e-book) digitalna publikacija



dokument

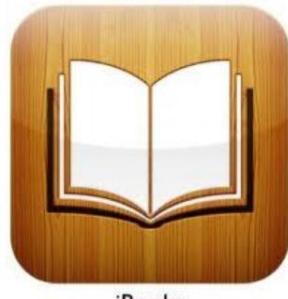
e-knjiga

aplikacija

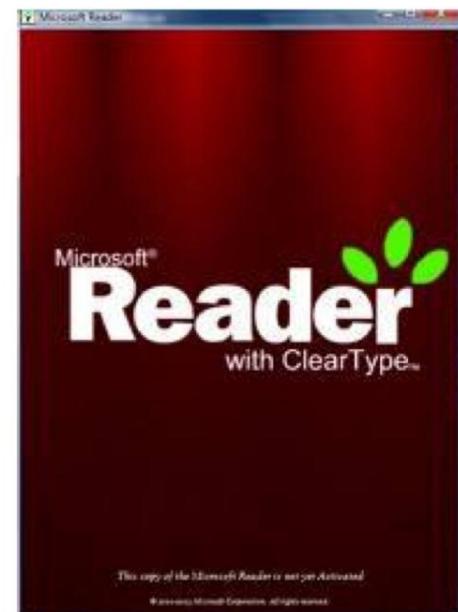
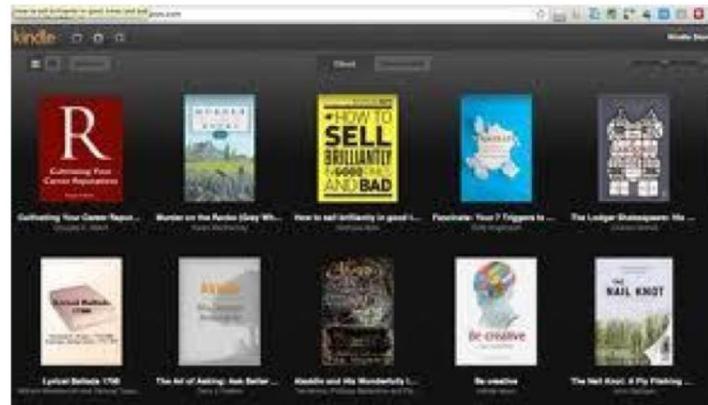
- e-bralnik (e-book reading device) naprava za branje digitalnih publikacij,



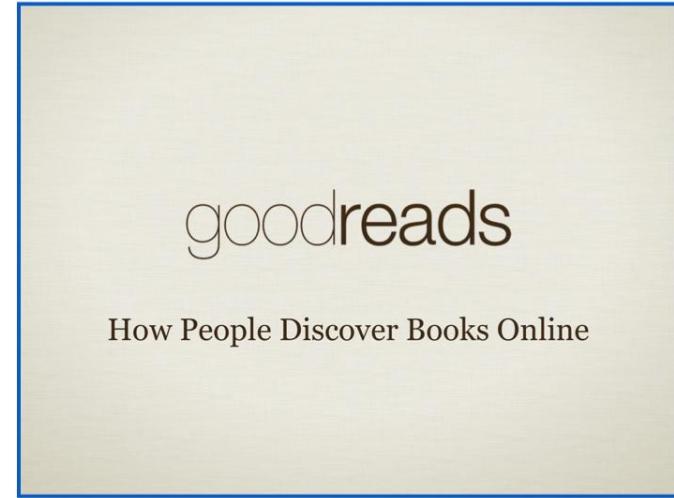
- programska opera za e-bralnik ([e-book reader software](#)) aplikacija namenjena za elektronske naprave



iBooks



- Spletne strani za nakup, priporočila in družbena omrežja.



- aplikacija (e-book application) namenske aplikacije dostopne na Google Play in iOS App Store



—

operacijski sistem



—

trgovina za  
nakup aplikacij



—

aplikacije  
na bralni napravi



## The Importance of Cities



**Technology Is an Organism**



**Technology Is Inevitable, Persistent**

**Technology Creates Progress**

**WHAT  
TECHNOLOGY  
WANTS**

By Kevin Kelly



**Costs of the  
Technium**



**Human Choice and  
the Technium**



THE TECHNIUM

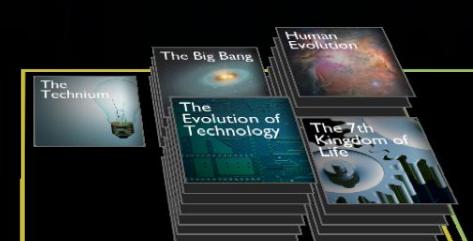
## Rise of the Machines



TECHNOLOGY IS practically organic: It springs from human beings, breeds like a biological entity, and manifests a life force that can't be explained by any mechanical principle. Some of it even contains carbon.

That may sound like a Philip K. Dick plot, but Kevin Kelly says the boundary between us and the things we create is negligible. What's more, those creations we can hold in our hands or launch into space are of a piece with the artifacts of our imagination: All are technologies. "We tend to think of technology as shiny tools and gadgets. Even if we acknowledge that technology can exist in disembodied form, such as software, we tend not to include in this category painting, literature, music, dance, poetry, and the arts in general."

"But we should."



**Technology Is an Organism**



H	1
Li	3
Na	11
K	19
Rb	37
Cs	55
Fr	87

# THE Elements

Be	4
Mg	12
Ca	20
Ga	21
Sc	22
Ti	23
V	24
Cr	25
Mn	26
Fe	27
Co	28
Ni	29
Cu	30
Zn	31
Ga	32
Ge	33
As	34
Se	35
Br	36

Y	38
Zr	40
Nb	41
Mo	42
Tc	43
Ru	44
Rh	45
Pd	46
Ag	47
Cd	48
In	49
Sn	50
Sb	51
Te	52
I	53
Xe	54

Ba	56
Hf	72
Ta	73
W	74
Re	75
Os	76
Ir	77
Pt	78
Au	79
Hg	80
Tl	81
Pb	82
Bi	83
Po	84
At	85
Rn	86

Ra	88
Rf	104
Db	105
Sg	106
Bh	107
Hs	108
Mt	109
Ds	110
Rg	111
Cn	112
Uut	113
Uuo	114
Uup	115
Uuh	116
Uus	117
Uuo	118

La	57	Ce	58	Pr	59	Nd	60	Pm	61	Sm	62	Eu	63	Gd	64	Tb	65	Dy	66	Ho	67	Er	68	Tm	69	Yb	70	Lu	71
Ac	89	Th	90	Pa	91	U	92	Np	93	Pu	94	Am	95	Gm	96	Bk	97	Gl	98	Es	99	Fm	100	Md	101	No	102	Lr	103

I GIVE YOU HERE THE UNIVERSAL CATALOG OF EVERYTHING YOU CAN DROP ON YOUR FOOT: THESE ARE THE ELEMENTS, THE BUILDING BLOCKS OF YOUR WORLD AND THE BASIC STUFF OF ALL THAT IS HERE OR THERE OR ANYWHERE. ENJOY! TOUCH ANY ELEMENT TO SEE MORE, THEN GO TO ITS SECOND PAGE FOR ROTATABLE SAMPLES AND A STORY OR TWO.

For most practical purposes, xenon is noble: inert and nonreactive, just like the other gases in this column of the periodic table. It's even the most expensive. But in what can only be described as an egregious case of slumming, in 1962 xenon was caught in the act of forming compounds with common elements.

Since then dozens of xenon compounds, usually involving fluorine (9), have been discovered and prepared. Xenon difluoride, for example, is commercially available from any laboratory catalog. It comes in a bottle just as plain as day. This is shocking, just shocking—it simply isn't something that noble gases are supposed to do.

Indiscretions aside, most applications of xenon do still make use of its typically noble inertness. Incandescent lightbulbs filled with xenon can burn hotter and brighter because of the high thermal conductivity of the gas. But arc lighting is where xenon really shines.

The central problem in cinema projectors and spotlights is creating a parallel beam of light, which is done by using light from a tiny, intense source and bouncing it off a parabolic focusing mirror. The more compact the source of light at the mirror's focal point, the better the beam. Imax projectors use fantastically bright 15-kilowatt xenon short-arc lamps to create their huge projected images. The bulbs are filled with xenon at such a high pressure that they must be stored and handled in special protective enclosures and clothing due to the risk of explosion.

On a much smaller scale, xenon short-arc lamps are in those really annoying new headlights that dazzle you when you encounter certain brands of overpriced cars on the street at night.

As naturally as noble gas follows halogen, alkali metal follows noble gas, and next in line is the most reactive of that tribe.

Xe

The xenon gas in this tube is being excited by a high-voltage discharge, creating a lovely pale-violet glow.



High-power xenon flashtube used by studio photographers.

Inhaled radioactive  $^{133}\text{Xe}$  is used to study lung function.



Genuine xenon metal halide headlamp.



Xenon short-arc projector lamp.

Blue-tinted film colors the light from a xenon-filled incandescent bulb in order to make it look like an expensive xenon metal halide headlamp.

- Orodja za razvijanje Android in iOS aplikacij

Java Development Kit (JDK) = Java

Network Development Kit (NDK) = C/C++

Adobe AIR = združevanje HTML, JavaScript, Flash/HTML5



Software Development Kit (SDK) = App. Prog. Inter. (API)



Marmelade= Razvoj aplikacij



Unity 3D = Razvoj video iger

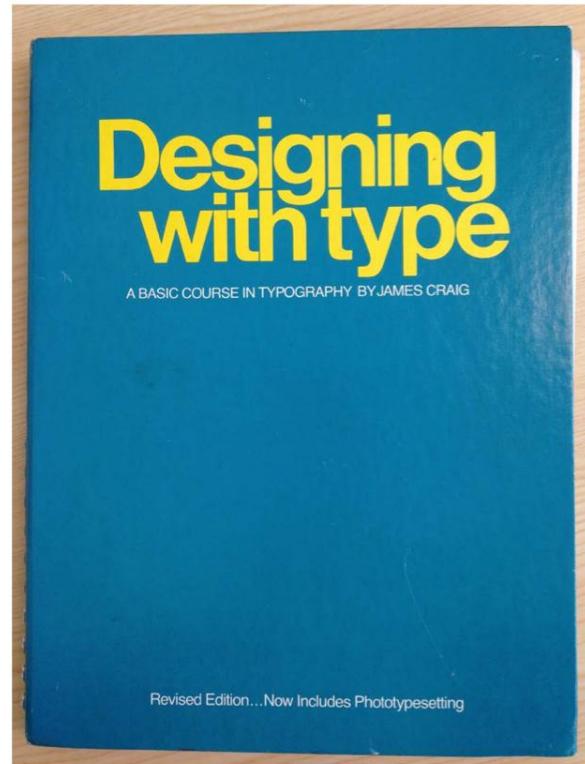
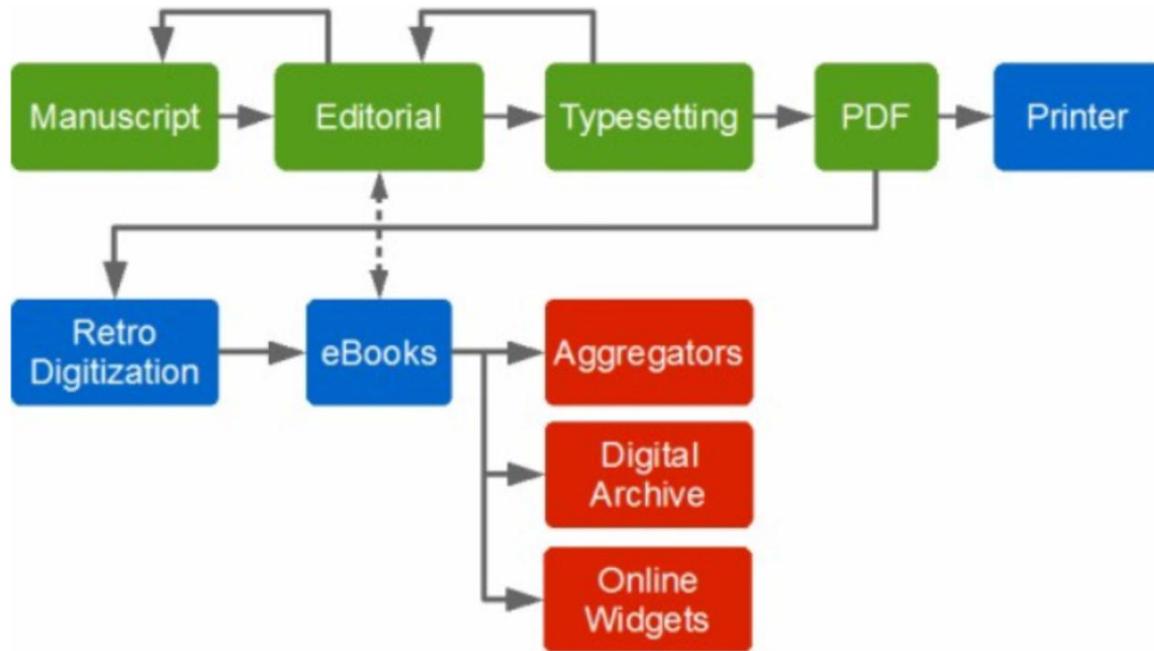


Mono = Uporaba baz in XML



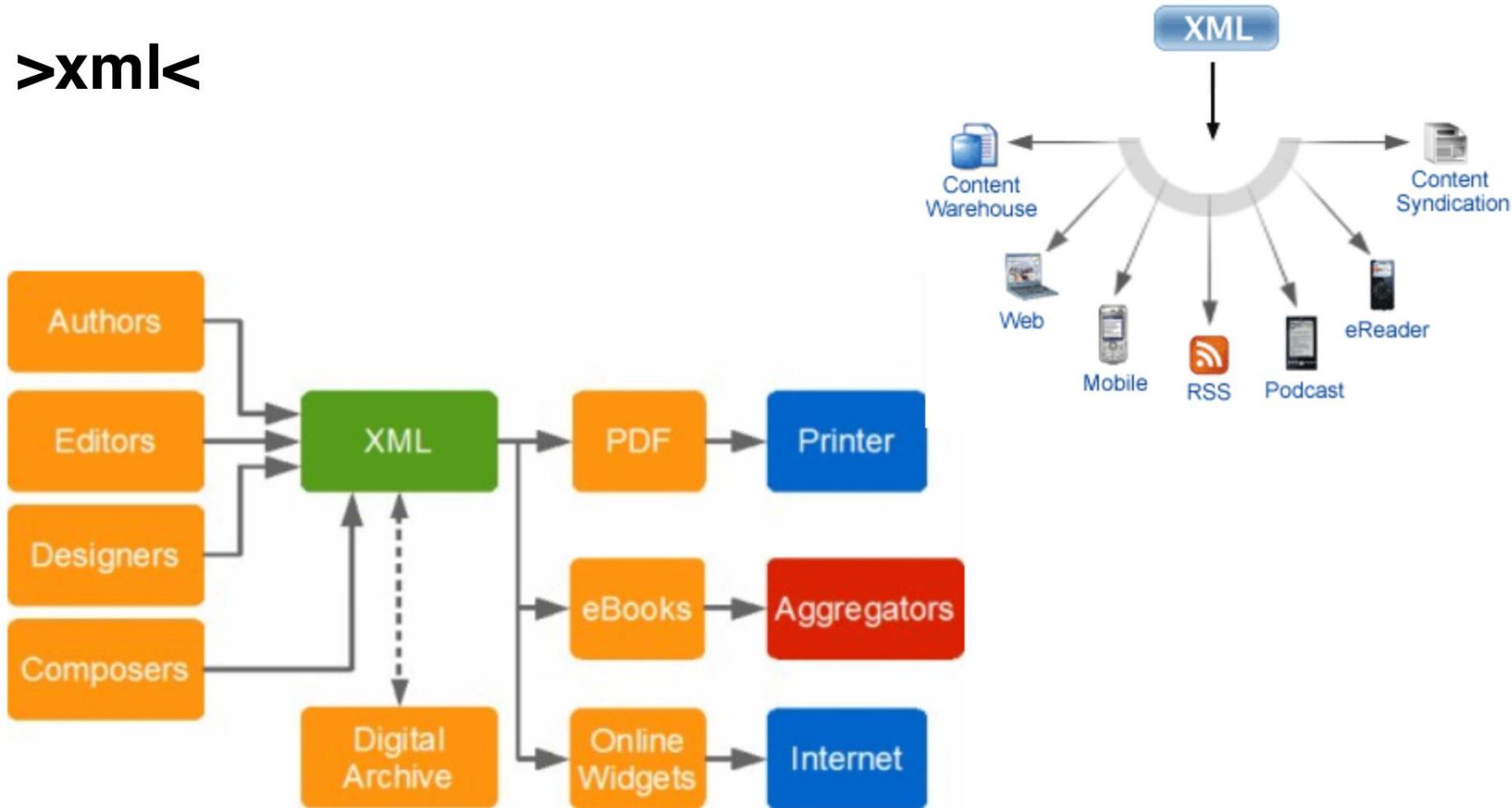


- Dokumentni PDF založniški sistemi (content centric publishing)



- Dokumentni XML založniški sistemi (content centric publishing)

>xml<

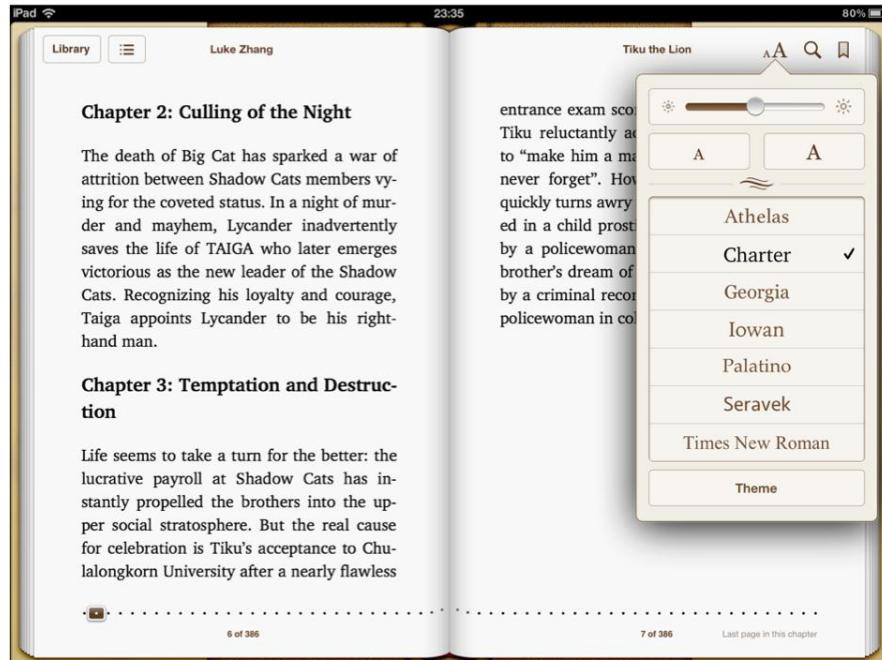


e-knjiga

# Vrste e-knjig glede na vsebino

## VELIKO SEMANTIČNIH POVEZAV

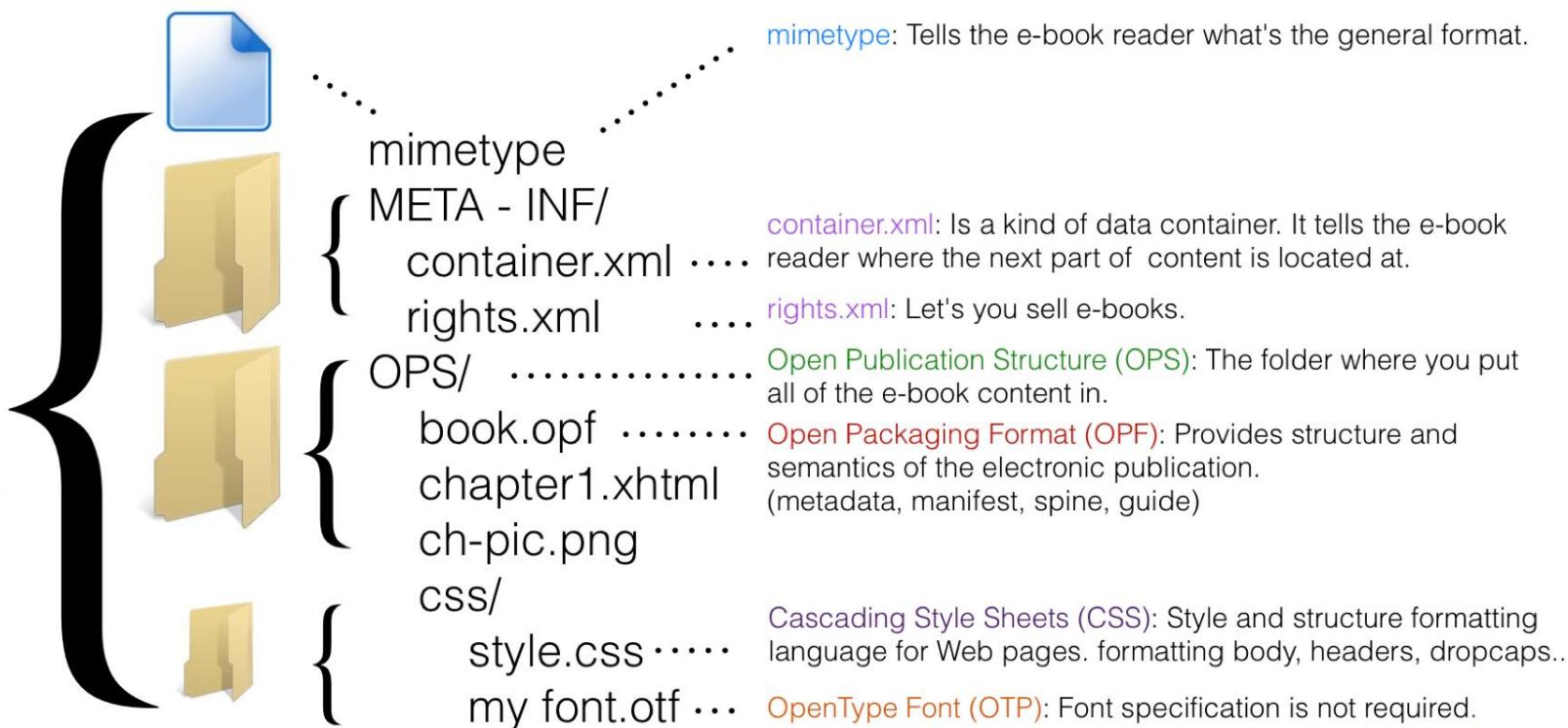




Reflowable content



Fixed layout



- KF8 vsebuje vse funkcije .mobi formata, vključno z znižanjem možnosti (downsampling), podporo slovarjem in aktivnim kazalom vsebine,
- Malo podporo za HTML5 in CSS3,
- Fixed layout,
- Celozaslonski način branja stripov,
- Pretvorba iz EPUB v KF8 je možna z uporabo KindleGen.



[http://www.youtube.com/watch?v=0xET0bsTzq4&playnext=1&list=PL20827FE3217A9C70&feature=results\\_main](http://www.youtube.com/watch?v=0xET0bsTzq4&playnext=1&list=PL20827FE3217A9C70&feature=results_main)

<http://www.wolfram.com/cdf/>

# Digital Rights Management (DRM)

---

- Založniki, ki ne uporabljajo digitalnih avtorskih pravic:  
Glede na žaner: znanstvena fantastika in informacijska tehnologija,  
Glede na demografski vidik: starost med 17 - 40 leti, tehnični poklici.
- Večina založnikov, uporabljajo in bodo uporabljali DRM:  
Prodaja e-knjig,  
Izposoja e-knjig.
- Težko si je predstavljati, da založniki ne bi uporabljali DRM zaščite pri izdaji strokovne in znanstvene literature!

# Lightweight Content Protection (LCP)

---

- Uporaba za EPUB3 digitalne publikacije,
- Omogoča izmenjavo datotek z drugimi uporabiki,
- Odprt standard,
- Temelji na uporabi osebnih podatkov (ime in priimek, e-mail...),
- Standard je komplementaren uporabi vodnih žigov (watermark),
- Knjižnična izposoja, deluje po principu časovno določenega časa izposoje.

# Pretvorba med formati

The screenshot shows the Calibre library interface. The main window displays a search results table with the following data:

Title	Author(s)	Date	Size (MB)	Rating	Tags	Series	Publisher	Published
1 A Christmas Carol - IG...	Charles Dicke...	06 feb 2012	0.2	Fiction		Infogrid Pac...		jan 2011
2 NUK1LA004650 PIVKO L...	Unknown	06 feb 2012	46.8					feb 2012
3 E cover 78850560 TURK...	Unknown	06 feb 2012	27.3					feb 2012
4 Protests in the Year 201...	Tomaz Kure	03 feb 2012	0.2			Tomaz Kure		jan 2012
5 Calibre Quick Start Guide	John Schember	02 feb 2012	0.1			calibre		feb 2012

The sidebar on the left shows various filters: Authors [4], Languages [1], Series [0], Formats [2], Publishers [3], Ratings [0], News [0], Tags [1], and Identifiers [1]. The right side shows a detailed view of the first book entry, "A Christmas Carol" by Charles Dickens, with the following details:

Authors: Charles Dickens  
Formats: EPUB  
Tags: Fiction  
Path: Click to open

The Calibre logo, featuring the word "Calibre" in a stylized font with a stack of colorful books at the bottom, is prominently displayed in the center of the interface.

# Napake pri avtomatski pretvorbi 1/4



The story that we recently purchased entitled “Everybody Comes to Rick’s” will hereafter be known as... “Casablanca.”

Hal Wallis



5%

Mobi



The story that we recently purchased entitled “Everybody Comes to Rick’s” will hereafter be known as... “Casablanca.”

Hal Wallis



4%

EPUB



# Napake pri avtomatski pretvorbi 2/4



## A Word From the Editors

*This project began with a challenging assignment: Find a way to publish an illustrated movie script in eBook form so that everyone could read the digital version and it would work on any eReader, tablet or computer.*

The most popular eBook formats—ePub and Mobipocket—present numerous challenges to an editor or designer. With the *Inside the Script* series, we have done our best to come up with an adaptation that is as much like reading a script in print as possible, but that also offers some fascinating extra elements meant to enhance the experience.

In essence, eBooks are simple Web pages with certain limitations. The control a designer expects in print is not available. He or she can only influence the way the pages will appear. The

1%

Mobi

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1%

EPUB





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In essence, eBooks are simple Web pages with certain limitations. The control a designer expects in print is not available. He or she can only influence the way the pages will appear. The eBook's reflowable, resizable text and user-selected fonts mean the designer must create content that looks as good as it can in a wide variety of text sizes and screen resolutions.

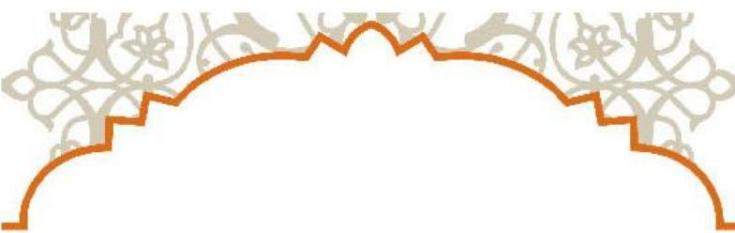
eBooks have many advantages. They are convenient to read anywhere and make it easy to have a second screen experience—for example, readers can follow along in *Inside the Script* while watching the movie on a larger screen. The

KF8

EPUB

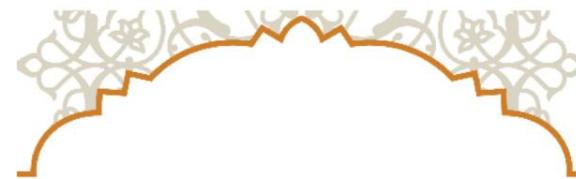


# Napake pri avtomatski pretvorbi 4/4



The story that we recently purchased entitled "Everybody Comes to Rick's" will hereafter be known as... "Casablanca."

Hal Wallis



The story that we recently purchased entitled "Everybody Comes to Rick's" will hereafter be known as...  
"Casablanca."

Hal Wallis



KF8

EPUB



Samozaložništvo



=



=

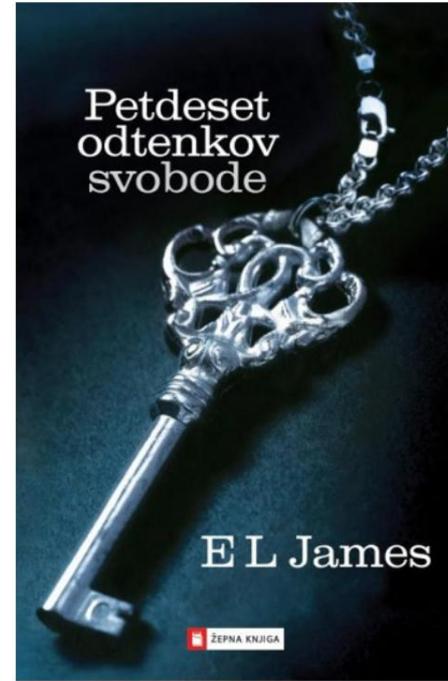
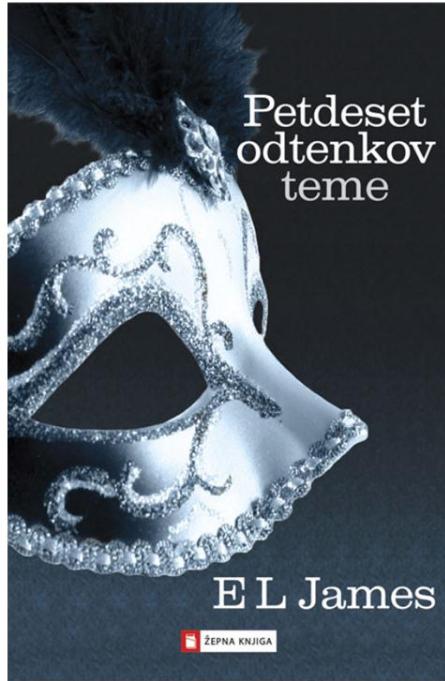
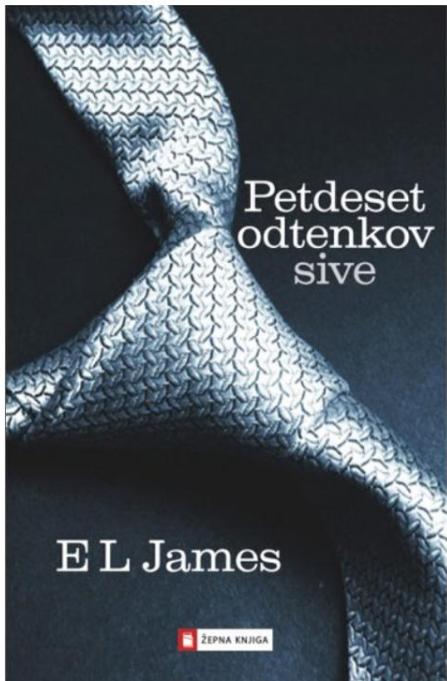


[http://www.youtube.com/watch?v=\\_rB8700WLZg](http://www.youtube.com/watch?v=_rB8700WLZg)

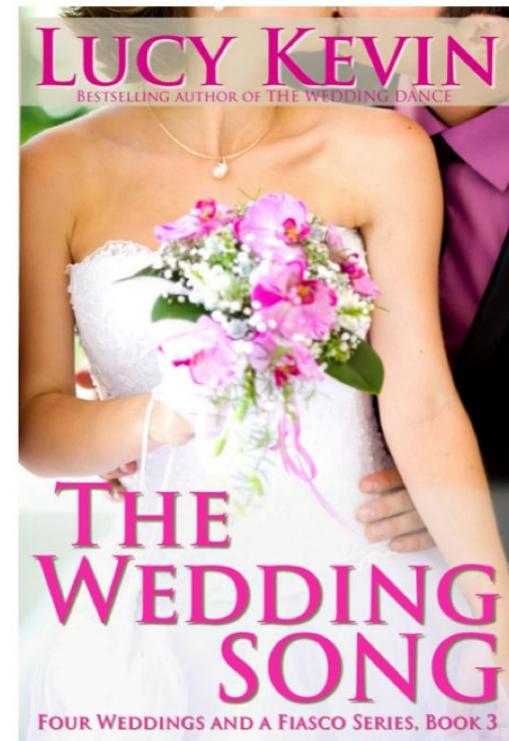
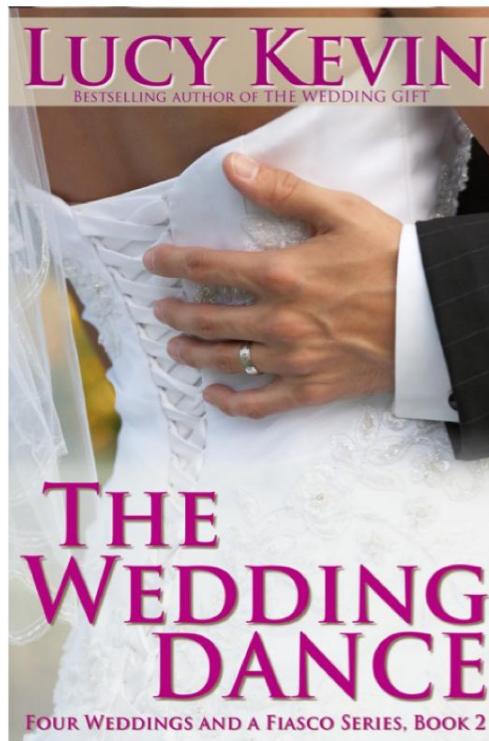
<http://www.youtube.com/watch?v=lliBXBGyOdM>

# Trženje blagovne znamke 1/3

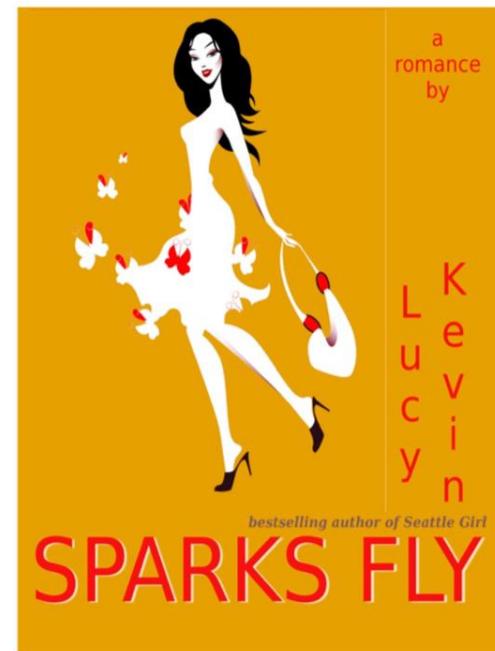
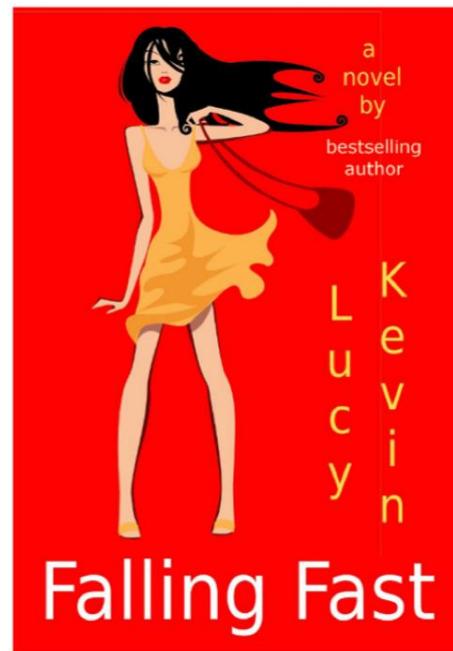
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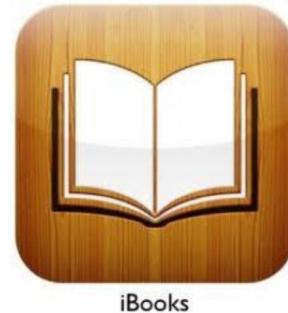
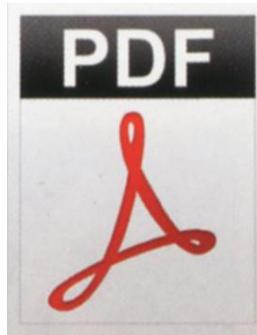
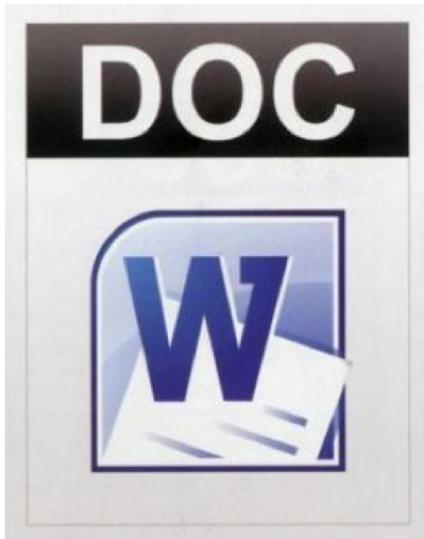


# Trženje blagovne znamke 2/3



# Trženje blagovne znamke 3/3





**amazon kindle**



# Formatiranje 2/3

- EPUB 2



Sigil 5.9 Beta



BBEdit



Sigil GUI

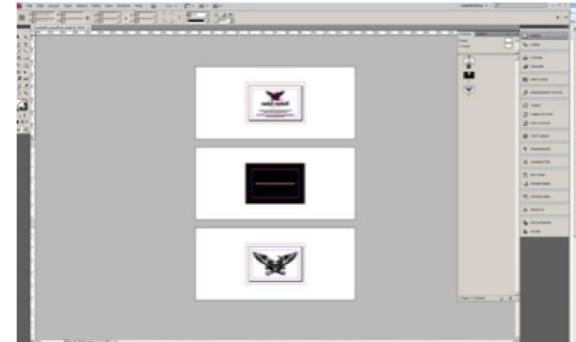
- EPUB 3



InDesign CS6



BBEdit

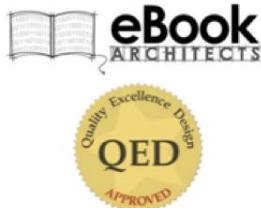


InDesign GUI

# Formatiranje 3/3



<html>  
or  
auto. conversion



# LATEX

[http://www.youtube.com/watch?v=zxJf8ufaKPM&playnext=1&list=PLDD406480D35CE390&feature=results\\_main](http://www.youtube.com/watch?v=zxJf8ufaKPM&playnext=1&list=PLDD406480D35CE390&feature=results_main)

# SIGIL

[http://www.youtube.com/watch?v=rFkqD8d3Y\\_c](http://www.youtube.com/watch?v=rFkqD8d3Y_c)

<http://www.youtube.com/watch?v=VnCOKVSdiIk>

<http://www.youtube.com/watch?v=cZyshtzOL9o>

[http://www.youtube.com/watch?v=cdVfpiaw\\_0Y](http://www.youtube.com/watch?v=cdVfpiaw_0Y)

[http://www.youtube.com/watch?v=h\\_TU4eAnyvo](http://www.youtube.com/watch?v=h_TU4eAnyvo)

[http://www.youtube.com/watch?v=Gmi3\\_OzKpYU](http://www.youtube.com/watch?v=Gmi3_OzKpYU)

<http://www.youtube.com/watch?v=mC1eQPVFOI8>

<http://www.youtube.com/watch?v=0QaXPii2PKc>

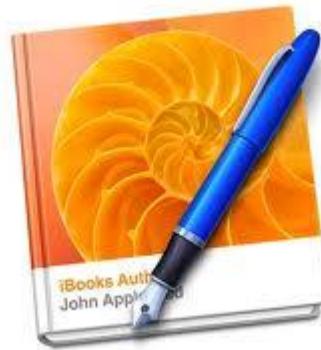
<http://www.adobe.com/products/inDesign.html>



<http://www.youtube.com/watch?v=DqFhPHfjbcU>

<http://www.lynda.com/category/eBooks-training-tutorials/1310-0.html>

<http://www.apple.com/ibooks-author/>



[http://www.youtube.com/watch?v=pr076C\\_ty\\_M](http://www.youtube.com/watch?v=pr076C_ty_M)

<http://www.youtube.com/watch?v=b-WsMzOwmhI>

<http://www.youtube.com/watch?v=TuzMGDwY2Bs>

<http://www.youtube.com/watch?v=7D0tPNeXXro>

<http://drupal.org/project/epub>

[http://drupal.org/project/epub\\_export](http://drupal.org/project/epub_export)



<http://www.youtube.com/watch?v=XgYu7-DQjDQ>

[http://www.youtube.com/watch?v=V5SUPVOCR1c&playnext=1&list=PL735FE8200BC39E14&feature=results\\_main](http://www.youtube.com/watch?v=V5SUPVOCR1c&playnext=1&list=PL735FE8200BC39E14&feature=results_main)

# EPUB3 & HTML5



# International digital publishing forum (IDPF)



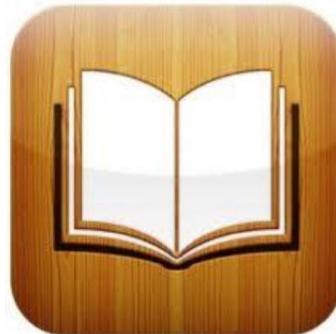
- Forum je neprofitno združenje založnikov, razvijalcev programske opreme, knjižnic in drugih organizacij, s ciljem, vzdrževati, razvijati in promovirati format ePub.  
[www.idpf.org](http://www.idpf.org)



- Format ePub podpirajo vsi večji založniki in podjetja, razen Amazon-a.
- EPUB 2 v vsesplošni uporabi,
- EPUB 3 v fazi razvoja.

# EPUB3 in HTML5 program. oprema za e-bralnike

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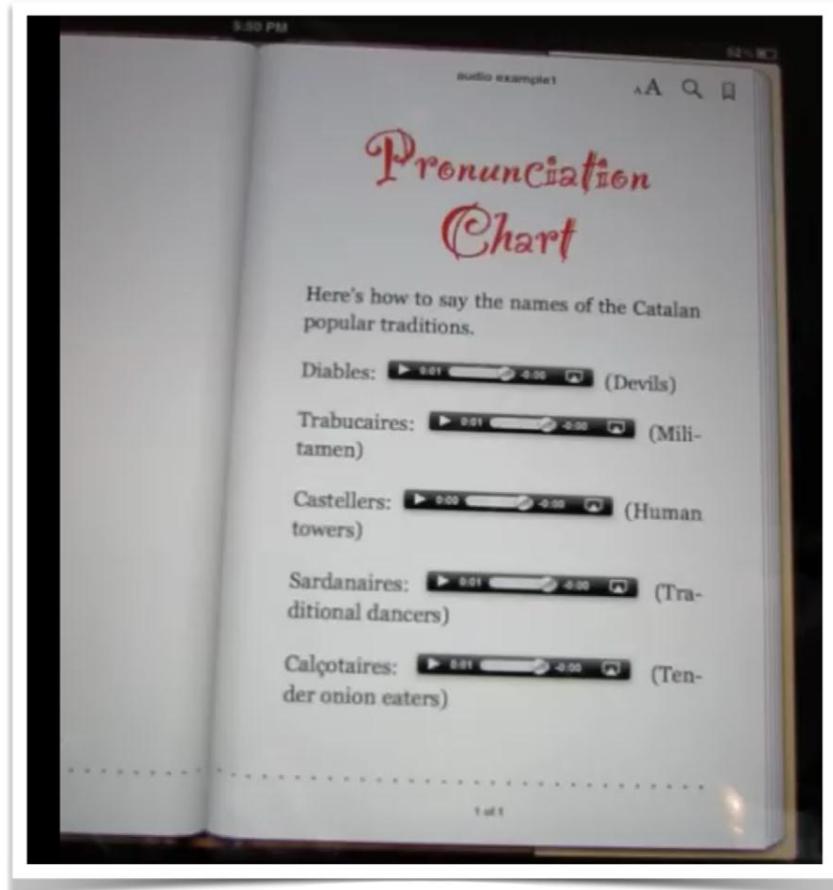


iBooks



# Avdio

```
<audio arc="audio/disables.mp3"  
controls="b">  
</audio>
```



Vzorec: Liz Castro

# Video

```
<video src="video/caterp.mp4"  
controls="controls"  
poster="images/caterp.jpg">  
</video>
```



Vzorec: Liz Castro

# MathML

The screenshot shows a digital book page from an EPUB3 reader. At the top, there's a header bar with the time "3:35 PM" and a battery icon showing 97%. Below the header, the title "Simple Math" is visible, along with icons for text size (AA), search (magnifying glass), and a bookmark. The main content area contains the text "Here's the Quadratic Formula." followed by the quadratic formula equation:

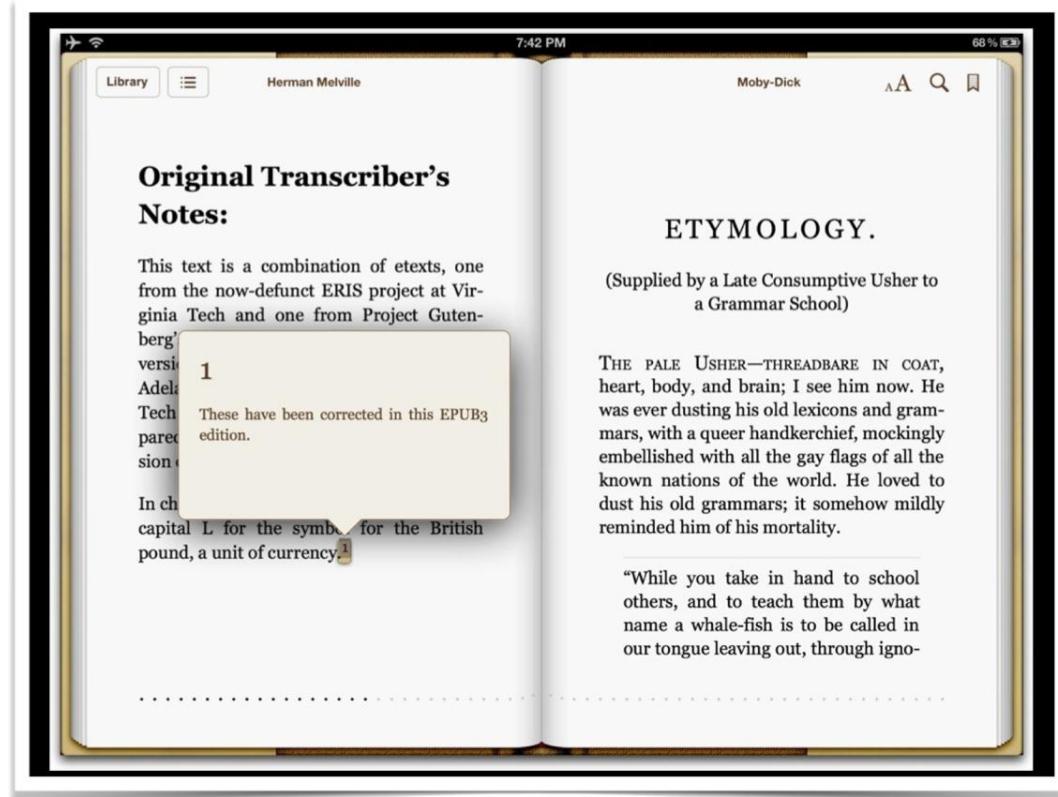
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Vzorec: Liz Castro

# Opombe

Link:[l](#n_1)

Footnote:[This is the footnote.](#n_1)



Vzorec: Liz Castro

# Risanje po/na zaslonu



Vzorec: Liz Castro

# Podpora za več stolpcev v besedilu

```
.mcol {  
    -webkit-column-count: 2;  
    column-count: 2;  
    -webkit-column-gap: 1em;  
    column-gap: 1em;  
    -webkit-column-rule: thin solid black;  
    column-rule: thin solid black;  
    -webkit-column-fill: balance;  
    column-fill: balance;  
}
```

(xylem and phloem). Wood consists of xylem cells, and bark is made of phloem and other tissues external to the vascular cambium. Trees may be grouped into exogenous and endogenous trees according to the way in which their stem diameter increases. Exogenous trees, which comprise the great majority of trees (all conifers, and almost all broadleaf trees), grow by the addition of new wood outwards, immediately under the bark. Endogenous trees, mainly in the monocotyledons

wood taken from trees in the past, a practice known as the science of dendrochronology. Very few tropical trees can be accurately dated in this manner. Age determination in this manner is also impossible in endogenous trees.

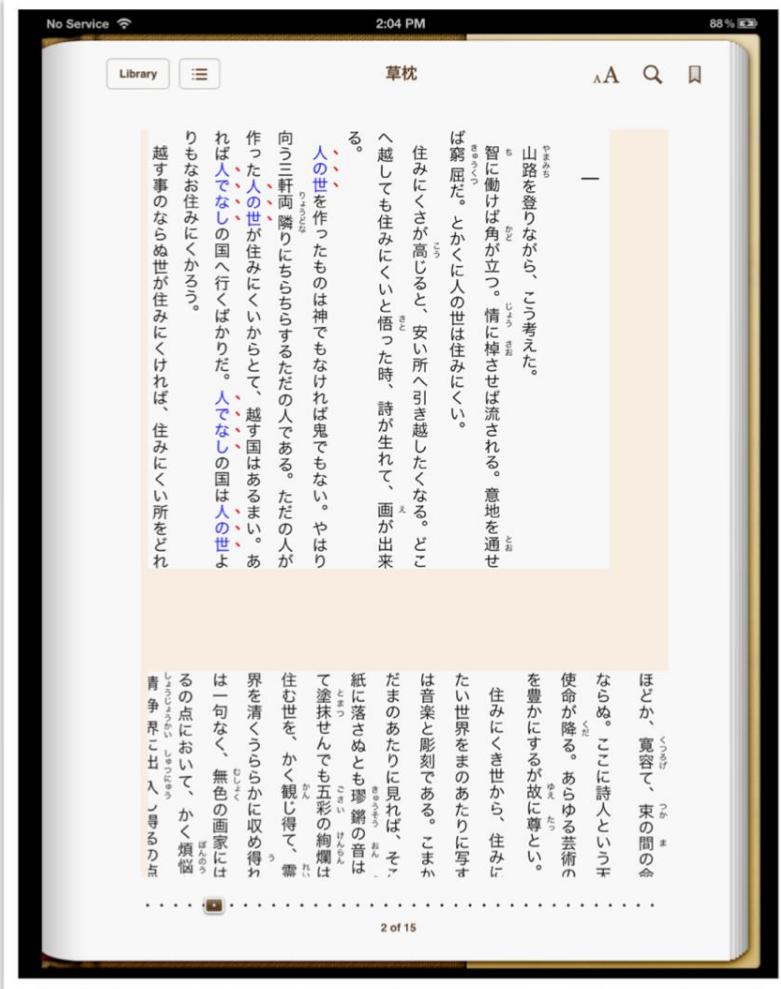
The roots of a tree are generally embedded in earth, providing anchorage for the above-ground biomass and absorbing water and nutrients from the soil. However, while ground nutrients are essential to a tree's growth the majority of its biomass – over 90 percent –

.....

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# Podpora azijskim jezikom



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