

# Creation Myths

## Three Centuries of Open Source and Copyright

Karl Fogel

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A photograph of two people sitting on a bench outdoors. A man in a grey t-shirt is on the left, and a woman in a black t-shirt is on the right. They are looking towards each other. In the foreground, large white text is overlaid on the image, reading "What is the purpose of copyright?"

What is the  
purpose of  
copyright?

[QuestionCopyright.org/public\\_perception\\_of\\_copyright](http://QuestionCopyright.org/public_perception_of_copyright)





A black and white engraving of a man operating a large printing press. He is wearing a cap and a dark shirt, and is pulling on a long, thick lever or handle that extends from the side of the press. The press itself is a large wooden structure with various mechanical parts, including a large cylinder and a screw mechanism. The background shows a workshop environment with shelves and other equipment.

*Printing  
is  
hard work.*



*Printing  
is  
hard work.*

*(Let's go  
shopping.)*

# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

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- **Political pamphlets**
- Plagiarism
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# Company of Stationers (1554 – appx 1688)

- Private, for-profit information police force
- Works entered into Company's register under the name of the Stationer, not the author
- No distinction between old and new works
- Authors sometimes paid on commission basis
- Proto-copyright among Company members



*www.stationers.org*

The Hall



The Stationers' and Newspaper Makers' Company

The Company





*Revolution of  
1688 / 1689*

(“*Glorious  
Revolution*”)



# Freedom of the Press Arrives!

# Freedom of the Press Arrives!

*(This is a disaster.)*



+



= \$\$\$



+



= €€€



+



= £££

Anno Octavo

# Annæ Reginæ.

An Act for the Encouragement of Learning, by Vesting the Copies of Printed Books in the Authors or Purchasers of such Copies, during the Times therein mentioned.



Whereas Printers, Booksellers, and other Persons have of late frequently taken the Liberty of Printing, Reprinting, and Publishing, or causing to be Printed, Reprinted, and Published Books, and other Writings, without the Consent of the Authors or Proprietors of such Books and Writings, to their very great Detriment, and too often to the Ruin of them and their Families : For Preventing therefore such Practices for the future, and for the Encouragement of Learned Men to Compose and Write useful Books : May it please Your Majesty, that it may be Enacted, and be it Enacted by the Queens most Excellent Majestie, by and with the Advice and Consent of the Lords Spiritual and Temporal, and Commons in this present Parliament Assembled, and by the Authority of the same, That from and after the Tenth Day of April, One thousand seven hundred and ten, the Author of any Book or Books already Printed, who hath not Transferred to any other the Copy or Copies of such Book or Books, Share or Shares thereof, or the Bookseller or Booksellers, Printer or Printers, or other Person or Persons, who hath or have Purchased or Acquired the Copy or Copies of any Book or Books, in order to Print or Reprint the same, shall have the sole Right and Liberty of Printing such Book and Books for the Term of One and twenty Years, to Commence from the said Tenth Day of April, and no longer ; and that the Author of any Book or Books already Composed and not Printed and Published, or that shall hereafter be Composed, and his Alligne, or Alligies, shall have the sole Liberty of Printing and Reprinting such Book and Books for the Term of Four-



# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

# The Copyright Interregnum (1709 – appx yesterday afternoon)

- Old works (some free, some restricted)
- New works (static – few derivatives)
- Translations (if rights can be negotiated)
- Anthologies (if rights can be negotiated)
- Divergent texts (usually not permitted)
- Political pamphlets (continued as before)
- Plagiarism (mostly gone)
- *Reverse plagiarism* (gone)

# Arrival of the Printing Press (1474)

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- *Reverse plagiarism*

# Arrival of the Internet

- Old works ...*now coming online*
- New works ...*common; derivatives okay too*
- Translations (of everything) ...*yes*
- Anthologies, rearrangements ...*yes*
- Divergent texts ...*easily detectable*
- Political pamphlets ...*yes, more than ever*
- ~~Plagiarism~~ ...*gone (cf. the Joyce Hatto case)*
- ~~Reverse plagiarism~~ ...*gone*

# Arrival of the Internet

- Old works ...*now coming online*
- New works ...*common; derivatives okay too*
- Translations (of everything) ...*yes*
- Anthologies, rearrangements ...*yes*
- Divergent texts ...*easily detectable*
- Political pamphlets ...*hello, blogosphere!*
- ~~Plagiarism~~ ...*gone (cf. the Joyce Hatto case)*
- ~~Reverse plagiarism~~ ...*gone*



*(prehistory)*

*(today)*

*mastodons*



(prehistory)

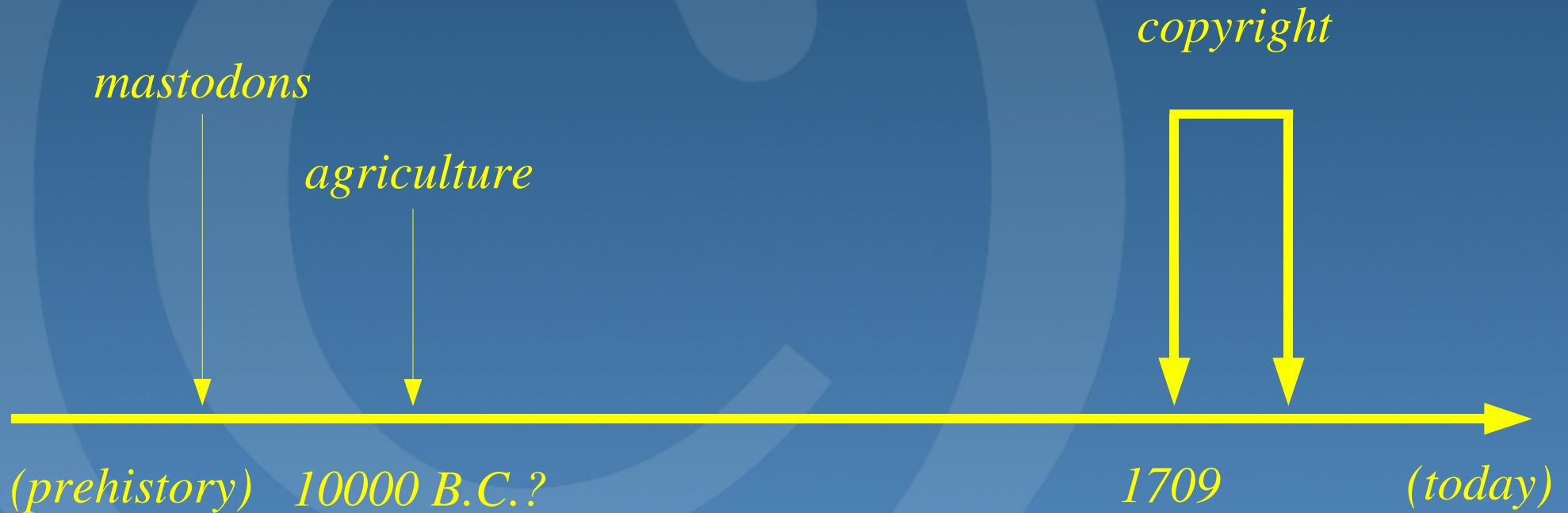
(today)

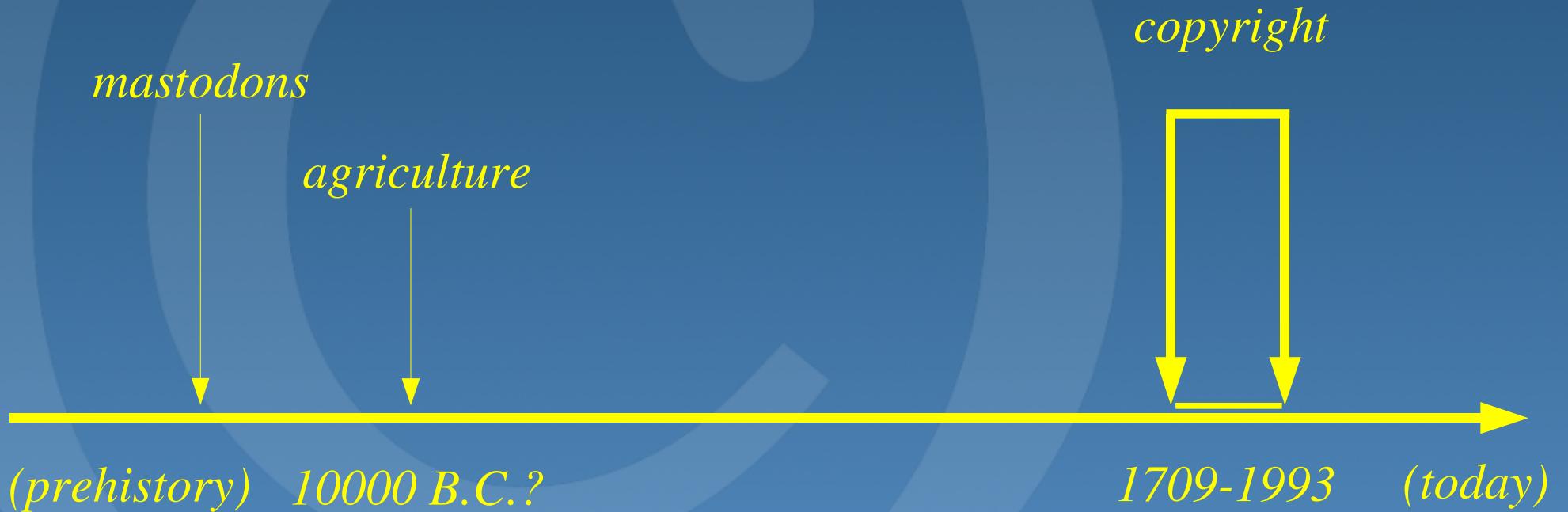
*mastodons*

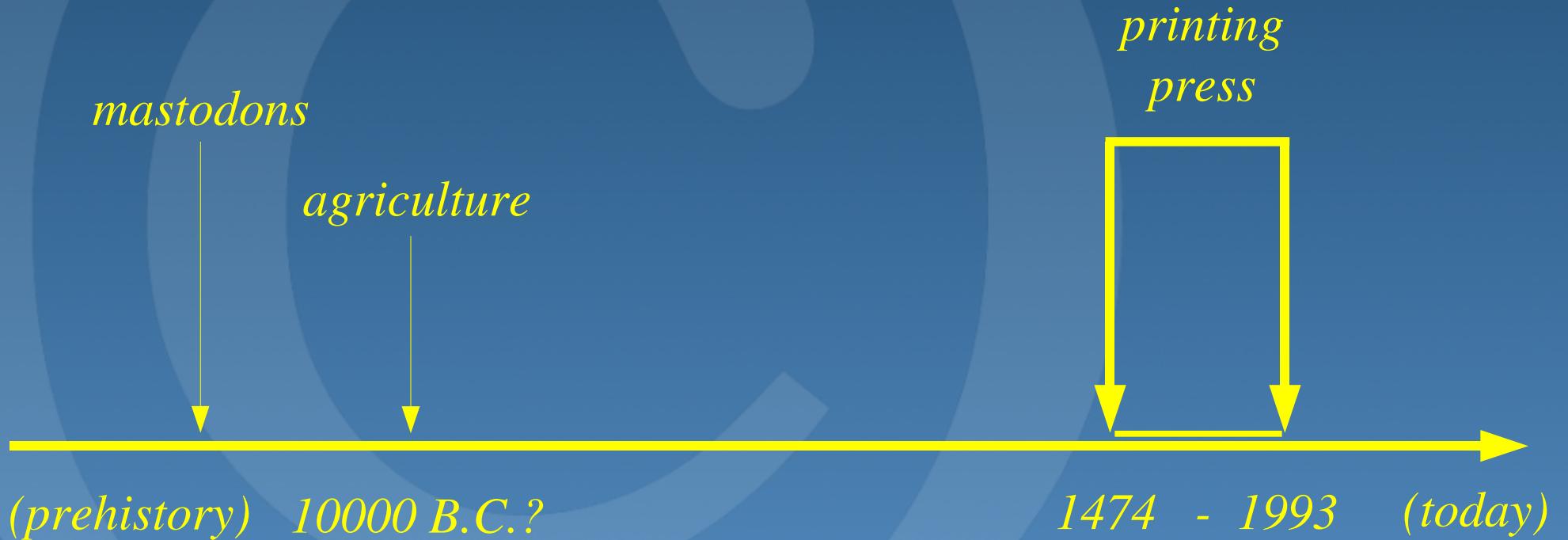
*agriculture*

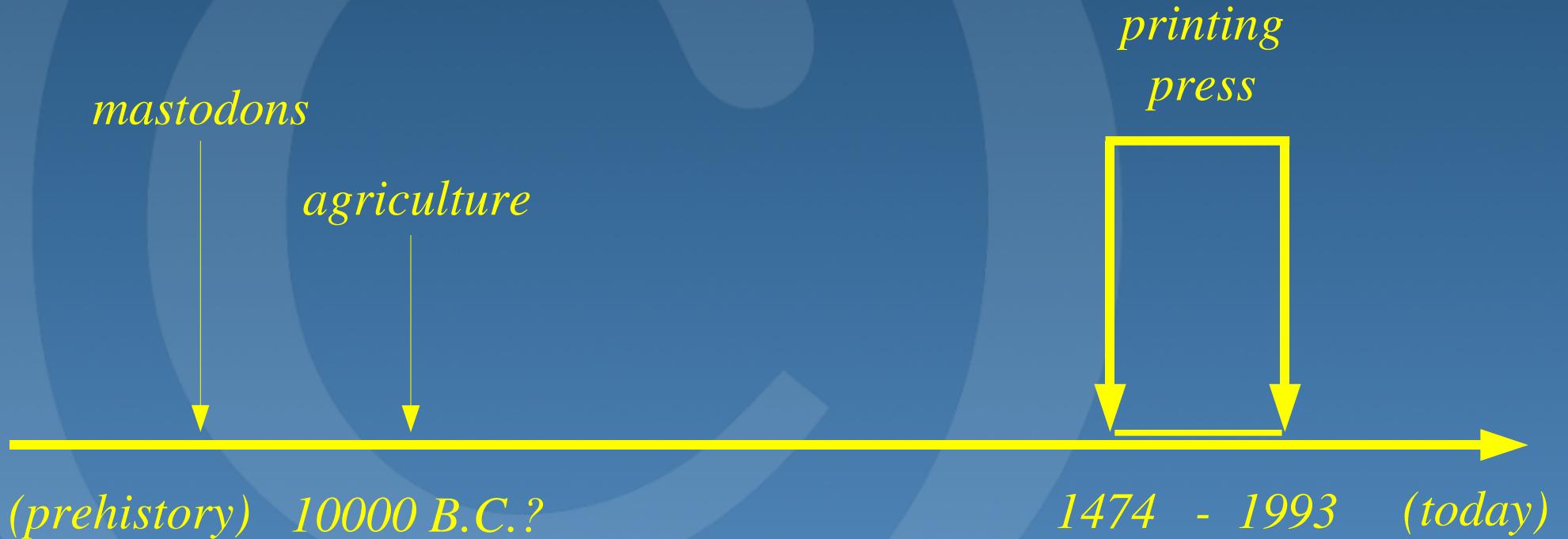
(prehistory) 10000 B.C.?

(today)









*This is not a coincidence.*



Don't forget to flatter the audience, Karl.

*Copyright was designed  
to support replication,  
not creation.*

# But how will artists make a living?

# But how will artists make a living?

*The same ways they always have!  
(not from copyright royalties)*

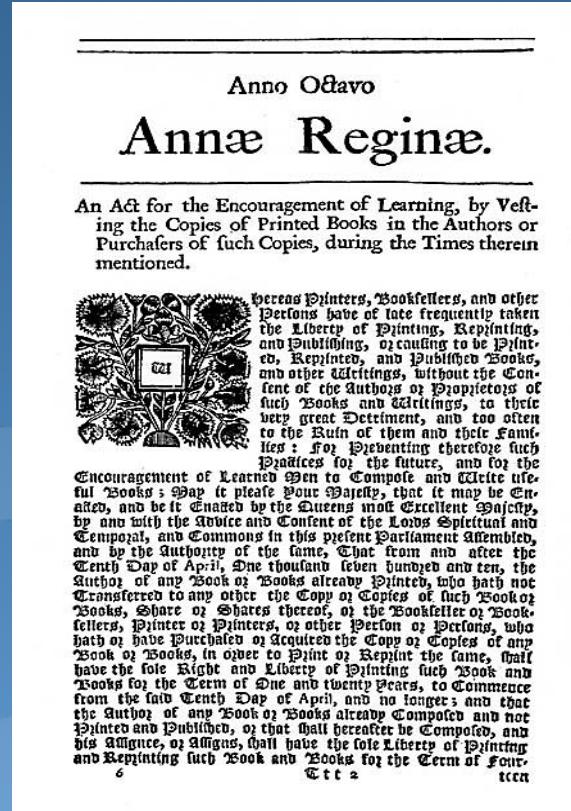
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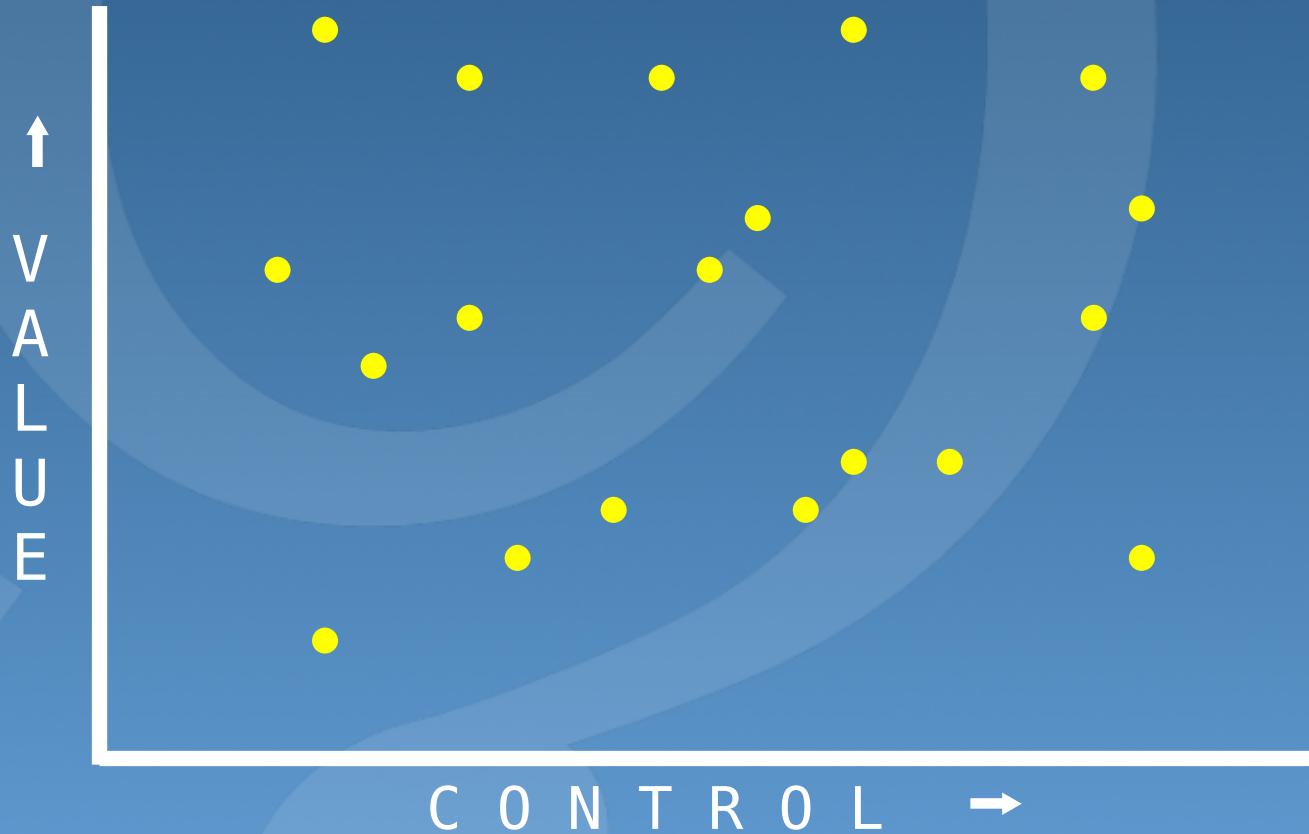
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# The Balanced Buyout System



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# The Balanced Buyout System



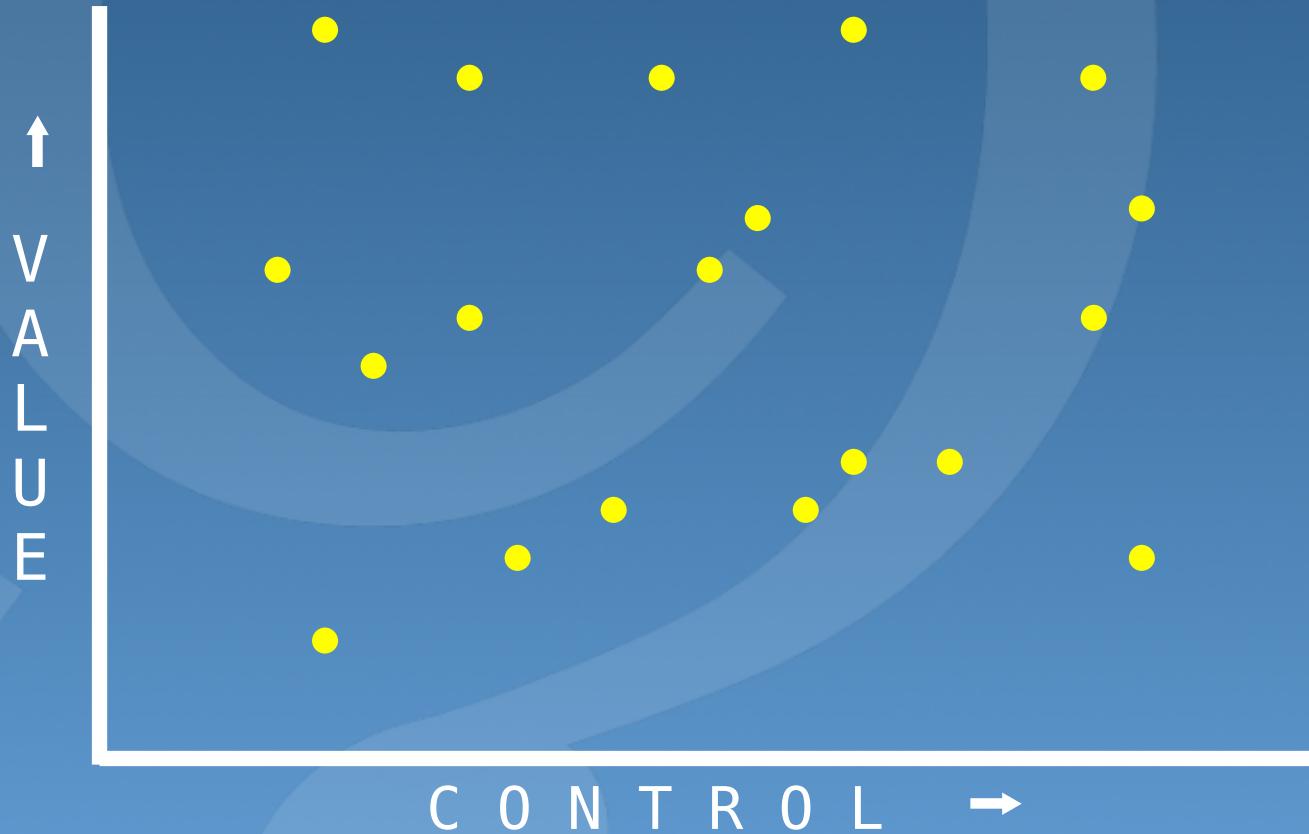
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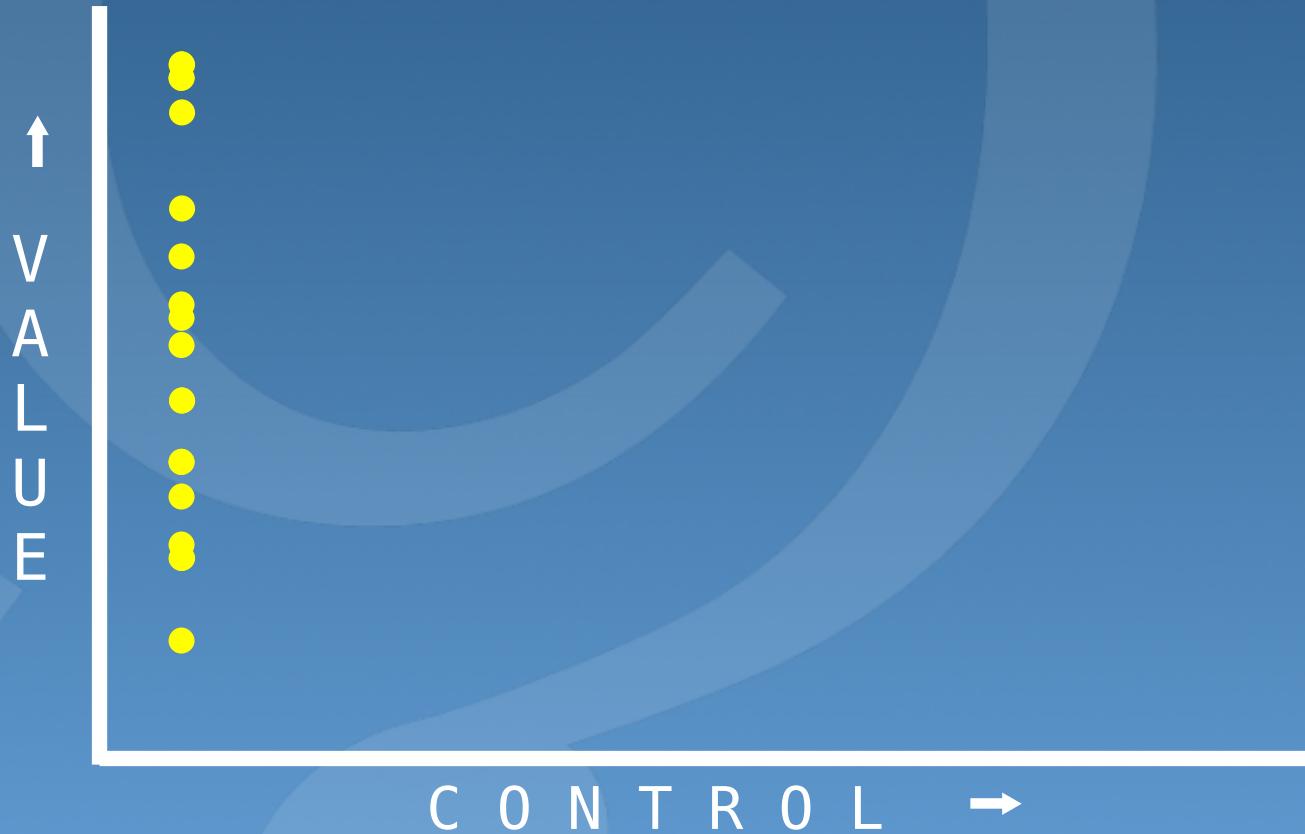
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# The “Fund and Release” System



[QuestionCopyright.org/promise#fund\\_and\\_release](http://QuestionCopyright.org/promise#fund_and_release)

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# Economic Models

- Look at the first 100 years of printing...
- ...then subtract the problems:
  - the Net *defeats plagiarism*
  - the Net *promotes reliability*
- Information beats control
- “Free” is a platform for selling authenticity

# What are publishers?

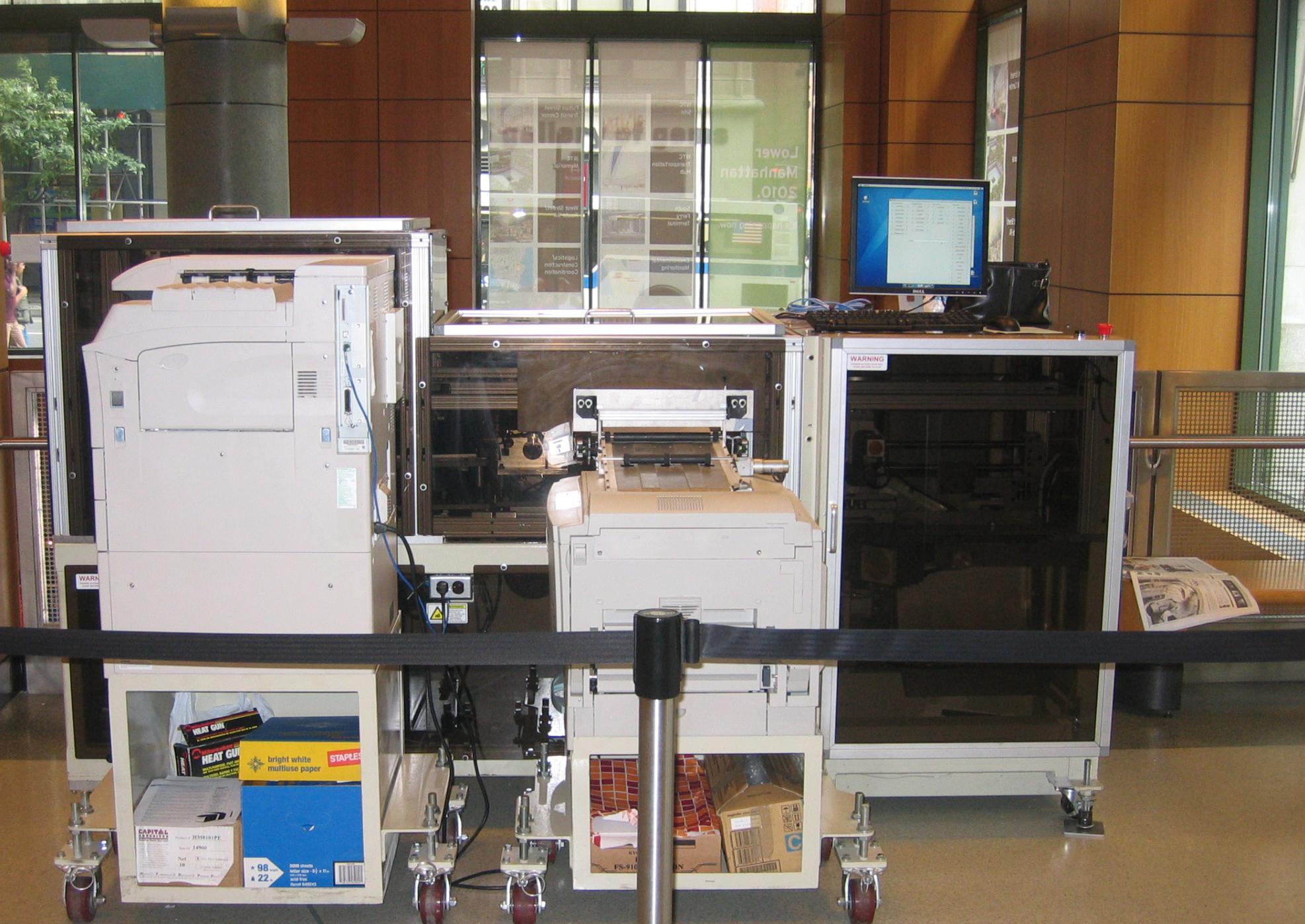
# What are publishers?

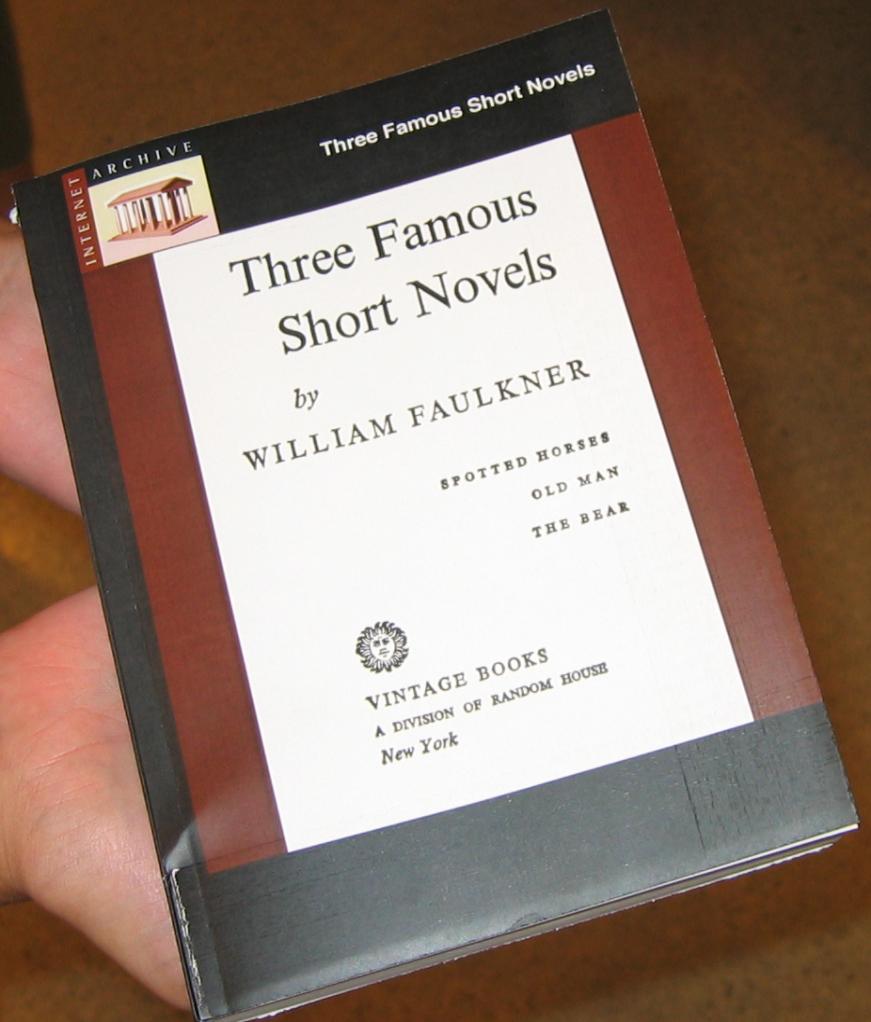
*endorsing authorities*

# What are publishers?

*endorsing authorities*

*authenticity providers*







# The “Author-Approved” Mark

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# More Fries With That...

- Don't manufacture...
- ...harvest!
- Version control, snapshots
  - e.g., [worldwidelexicon.org](http://www.worldwidelexicon.org)
- Panning for gold in fan fiction
  - e.g., Christopher Tolkien's missed opportunity

# Attribution Conventions

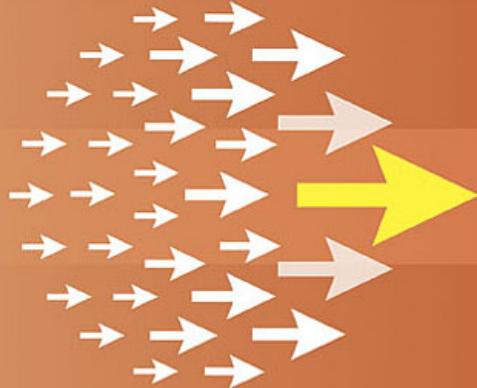
copyright ≠ trademark

copyright violation ≠ plagiarism

# Volunteer Translation: A Case Study

# producing open source software

Karl Fogel



HOW TO RUN A SUCCESSFUL FREE SOFTWARE PROJECT

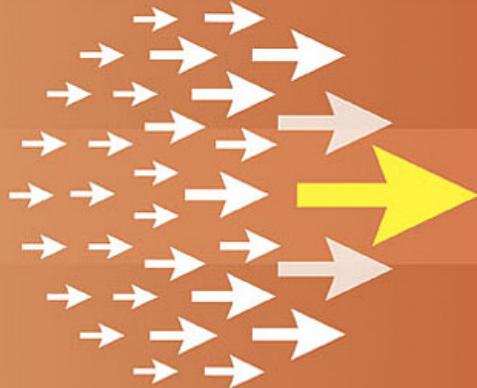
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HOW TO RUN A SUCCESSFUL FREE SOFTWARE PROJECT

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# Producing Open Source Software

## How to Run a Successful Free Software Project

by [Karl Fogel](#)

*Producing Open Source Software* is a book about the human side of open source development. It describes how successful projects operate, the expectations of users and developers, and the culture of free software. It is available in bookstores and from the publisher ([O'Reilly Media](#)), or you can browse or download it here.

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## How to Run a Successful Free Software Project

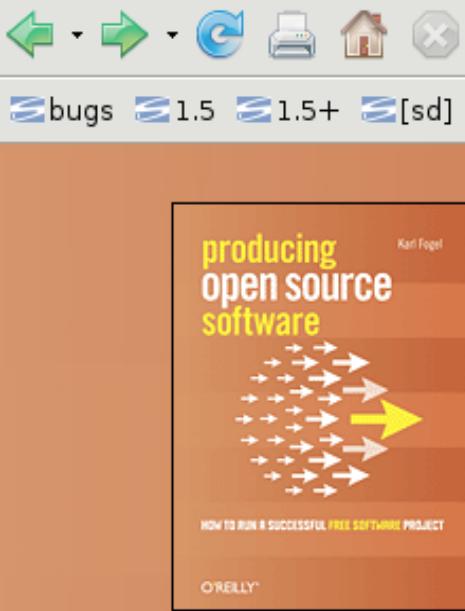
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*Manuel Barkhau, Sebastian Menge*
- [日本語 \(Japanese\)](#)  
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## Producing Open Source Software

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# Producing Open Source Software

*How to Run a Successful Free Software Project*

Karl Fogel

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## Dedication

*This book is dedicated to two dear friends without whom it would not have been possible: Karen Underhill and Jim Blandy.*

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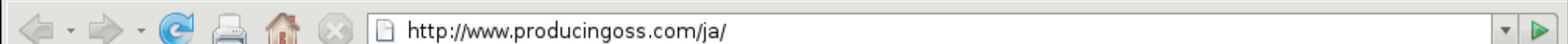
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オープンソースソフトウェアのつくりかた

フリーソフトウェアプロジェクトを成功させるコツ

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(著者)

高木 正弘 [FAMILY Given]

(翻訳者)

Takaoka Yoshinari [FAMILY Given]

(翻訳者)

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謝辞



## Produktion von Open Source Software

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# Produktion von Open Source Software

*Wie man ein erfolgreiches freies Software Projekt führt*

Karl Fogel

(Author)

Manuel Barkhau

(Deutsche Übersetzung)

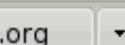
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# Producir Software de Código Abierto

*Como Llevar a Buen Puerto un Proyecto de Código Libre*

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# Produire un Logiciel Libre

*Comment Diriger avec Succès un Projet de Logiciel Libre*

Karl Fogel

(Auteur)

Étienne Savard

(Traducteur)

Bertrand Florat

(Traducteur)

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## Dédicace

Ce livre est dédié à deux amis obeso sans qui il n'aurait pu être possible : Karen Underbill et Jim



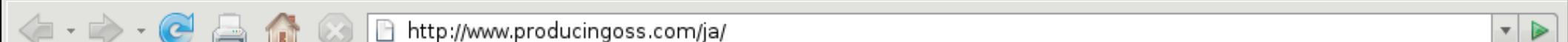
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- Make it easy and they will come
- Ensure accurate attribution:
  - *No monopoly* on content
  - *Exclusive monopoly* on attribution
- Consensus vs divergence

# Optimize For Participation

- Make it easy and they will come
- Ensure accurate attribution:
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*You can do this much better than  
I did it...*



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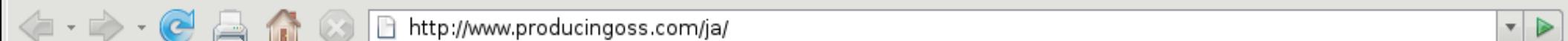
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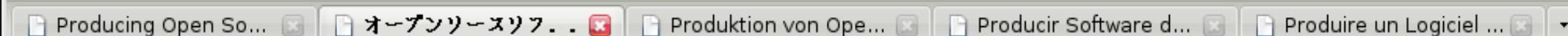
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親友である Karen Underhill と Jim Blandy に本書をささげます。ふたりがいなければ、本書を完成させることはできなかっただでしょう。

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きちんととしたコードレビューの習慣  
もともと非公開だったプロジェクトをオープンにするとには、変化の大きさ  
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バージョン管理  
バージョン管理に関する用語集  
バージョン管理システムの選択  
バージョン管理システムの使用法  
すべてをバージョン管理する

すべてをバージョン管理する  
ウェブで閲覧できるようにする  
コミットメール  
ブランチの活用  
情報の一元管理  
承認

バグ追跡システム  
議論の場としてメーリングリストを使う  
バグ追跡システムをあらかじめフィルタする  
IRC / リアルタイムに行なわれるチャットシステム  
ボット  
IRCの会話を保存する

Wiki  
ウェブサイト  
ツールが一通り揃ったホスティングサイト  
ホスティングサイトを選ぶ  
匿名性とプロジェクト参加

4. プロジェクトの政治構造と社会構造  
優しい独裁者  
誰がよき「優しい独裁者」になれるか？  
合意に基づく民主主義  
バージョン管理を行なうと堅くならずに済む  
合意に至らなければ投票する  
いつ投票を行なうべきか？  
誰が投票するのか？  
世論調査 v.s 投票  
拒否権  
全てを記録しておく

5. Money  
Types of Involvement  
Hire for the Long Term

[Hire for the Long Term](#)[Appear as Many, Not as One](#)[Be Open About Your Motivations](#)[Money Can't Buy You Love](#)[Contracting](#)[Review and Acceptance of Changes](#)[Case study: the CVS password-authentication protocol](#)[Funding Non-Programming Activities](#)[Quality Assurance \(i.e., Professional Testing\)](#)[Legal Advice and Protection](#)[Documentation and Usability](#)[Providing Hosting/Bandwidth](#)[Marketing](#)[Remember That You Are Being Watched](#)[Don't Bash Competing Open Source Products](#)

## [6. コミュニケーション](#)

[書いたことがすべて](#)[構成や体裁](#)[中身](#)[口調](#)[何が失礼にあたるのか](#)[顔](#)[陥りがちな罠](#)[目的のない投稿をしない](#)[生産的なスレッドとそうでないスレッド](#)[簡単な議題ほど長引く](#)[宗教論争を回避する](#)["口やかましい少数派"について](#)[扱いにくい人たち](#)[扱いにくい人たちへの対応](#)[実例](#)[反ナルヘの対応](#)

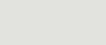
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← → C Print Home X http://www.producingoss.com/ja/



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オープンソースソフ...

Produktion von Ope...

Producir Software d...

Produire un Logiciel ...



## 巨大化への対応

アーカイブを目に付きやすくする方法  
全リソースをアーカイブと同様に扱う

しきたりの成文化

バグ追跡システムでは議論しない  
宣伝・広報

セキュリティ脆弱性の告知

バグ報告を受ける  
大至急それを修正する

CAN/CVE 番号

事前通知

修正を一般に公開する

## 7. パッケージの作成、リリース、日々の開発

リリースに番号を付ける

リリース番号の構成要素

単純なやり方

奇数/偶数に意味を持たせるやり方

リリースプランチ

リリースプランチの使い方

リリースを安定させるプロセス

リリースオーナーによる独裁

リリースに含める変更を投票で決める

リリースを安定させるプロセスを管理する

リリースマネージャー

パッケージング

パッケージのフォーマット

Name and Layout

To capitalize or not to capitalize

Pre-releases

Compilation and Installation

Binary Packages

- [Binary Packages](#)
- [Testing and Releasing](#)
  - [Candidate Releases](#)
  - [Announcing Releases](#)
  - [Maintaining Multiple Release Lines](#)
  - [Security Releases](#)
  - [Releases and Daily Development](#)
  - [Planning Releases](#)
- [8. Managing Volunteers](#)
  - [Getting the Most Out of Volunteers](#)
    - [Delegation](#)
      - [Distinguish clearly between inquiry and assignment](#)
      - [Follow up after you delegate](#)
      - [Notice what people are interested in](#)
    - [Praise and Criticism](#)
    - [Prevent Territoriality](#)
    - [The Automation Ratio](#)
      - [Automated testing](#)
    - [Treat Every User as a Potential Volunteer](#)
  - [Share Management Tasks as Well as Technical Tasks](#)
    - [Patch Manager](#)
    - [Translation Manager](#)
    - [Documentation Manager](#)
    - [Issue Manager](#)
    - [FAQ Manager](#)
  - [Transitions](#)
  - [Committers](#)
    - [Choosing Committers](#)
    - [Revoking Commit Access](#)
    - [Partial Commit Access](#)
    - [Dormant Committers](#)

[Dormant Committers](#)[Avoid Mystery](#)[Credit](#)[Forks](#)[Handling a Fork](#)[Initiating a Fork](#)

## [9. Licenses, Copyrights, and Patents](#)

[Terminology](#)[Aspects of Licenses](#)[The GPL and License Compatibility](#)[Choosing a License](#)[The MIT / X Window System License](#)[The GNU General Public License](#)[Is the GPL free or not free?](#)[What About The BSD License?](#)[Copyright Assignment and Ownership](#)[Doing Nothing](#)[Contributor License Agreements](#)[Transfer of Copyright](#)[Dual Licensing Schemes](#)[Patents](#)[Further Resources](#)

## [A. Free Version Control Systems](#)

## [B. Free Bug Trackers](#)

## [C. Why Should I Care What Color the Bikeshed Is?](#)

## [D. Example Instructions for Reporting Bugs](#)

## [E. Copyright](#)

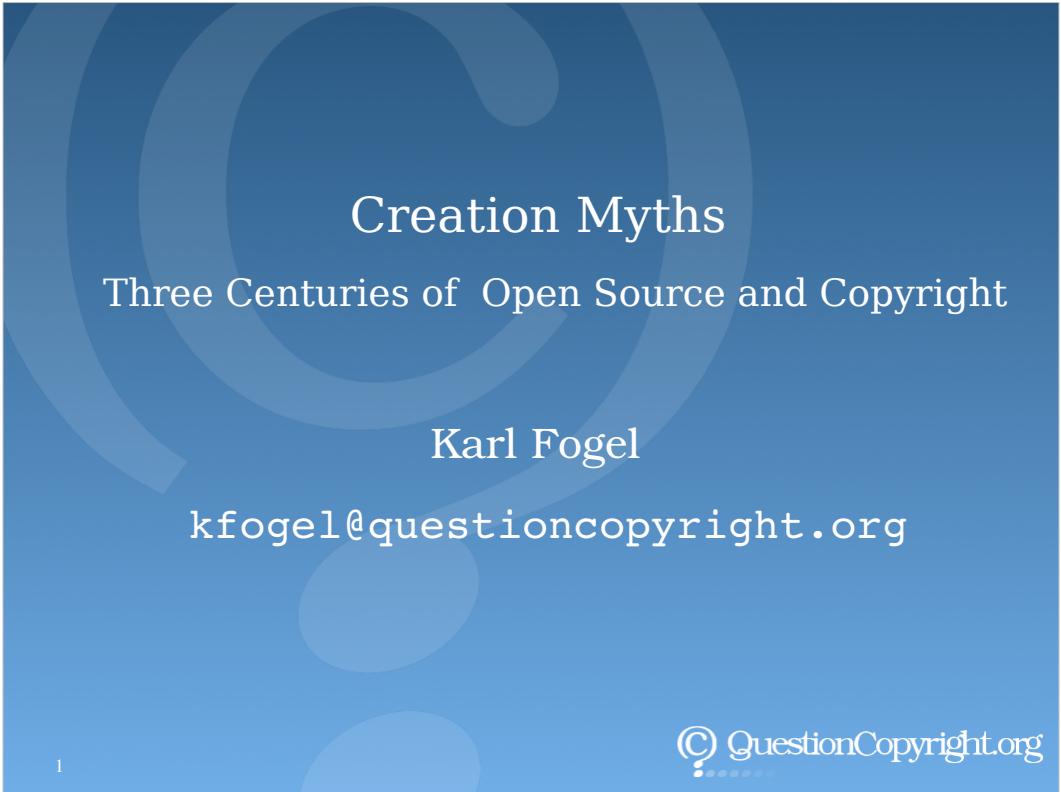
[次のページ](#)[序文](#)







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# Creation Myths

Three Centuries of Open Source and Copyright

Karl Fogel

[kfogel@questioncopyright.org](mailto:kfogel@questioncopyright.org)

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is  
hard work.*

*(Let's go  
shopping.)*

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# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

7



# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

8

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# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

9



# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- **Political pamphlets**
- Plagiarism
- *Reverse plagiarism*

10

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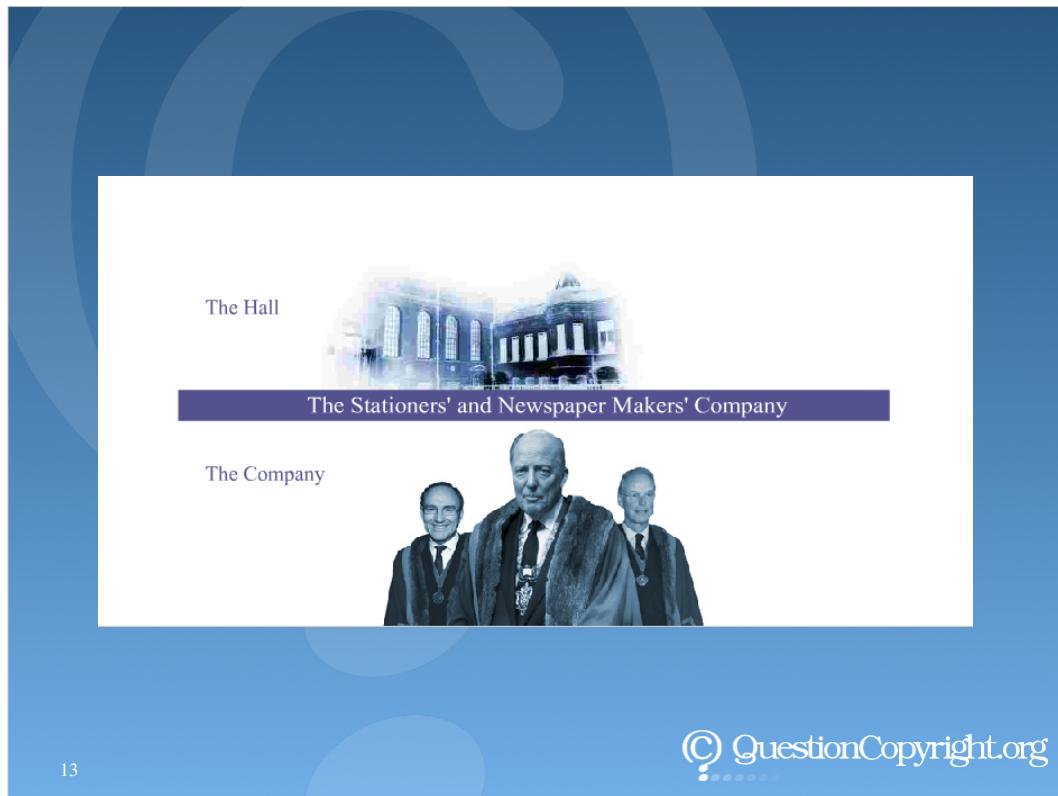
## Company of Stationers (1554 – appx 1688)

- Private, for-profit information police force
- Works entered into Company's register under the name of the Stationer, not the author
- No distinction between old and new works
- Authors sometimes paid on commission basis
- Proto-copyright among Company members



*[www.stationers.org](http://www.stationers.org)*

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*Revolution of  
1688 / 1689*

(“*Glorious  
Revolution*”)

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# Freedom of the Press Arrives!

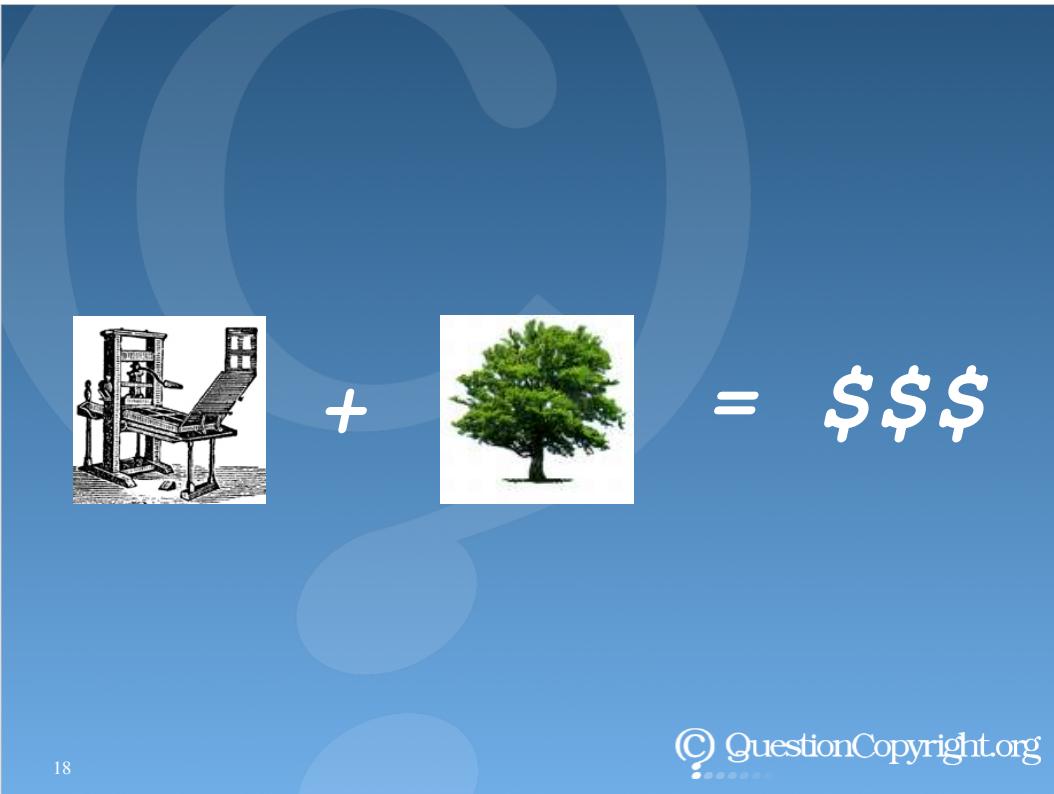
16

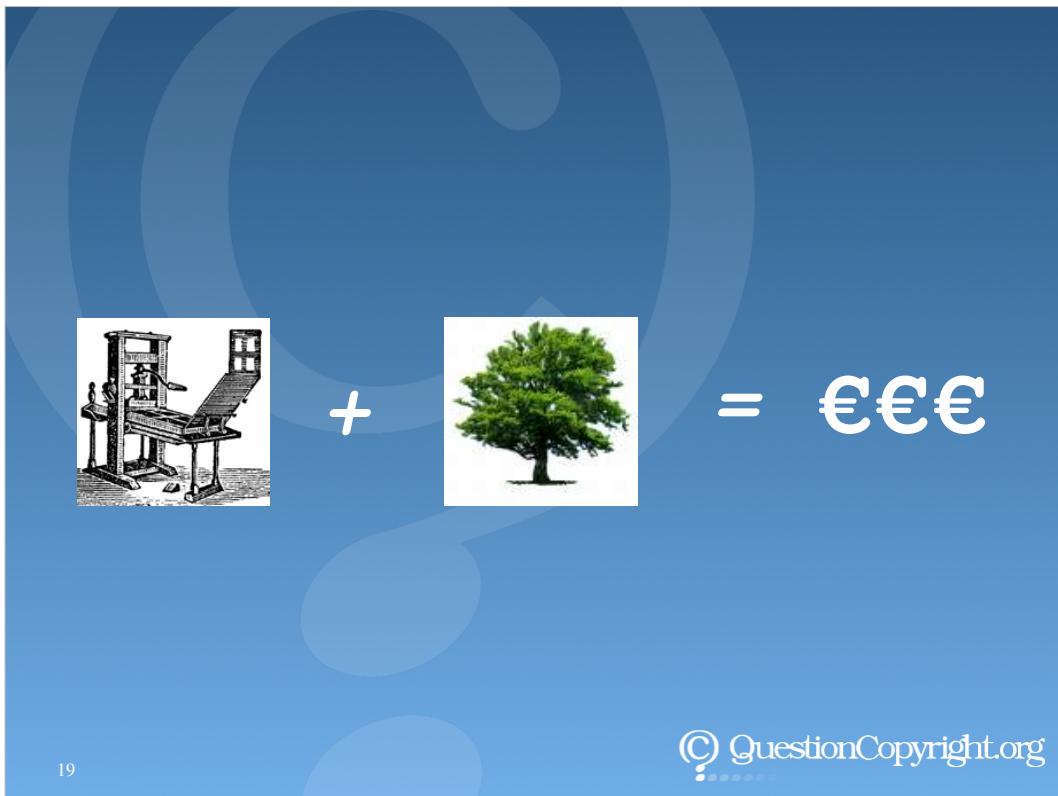
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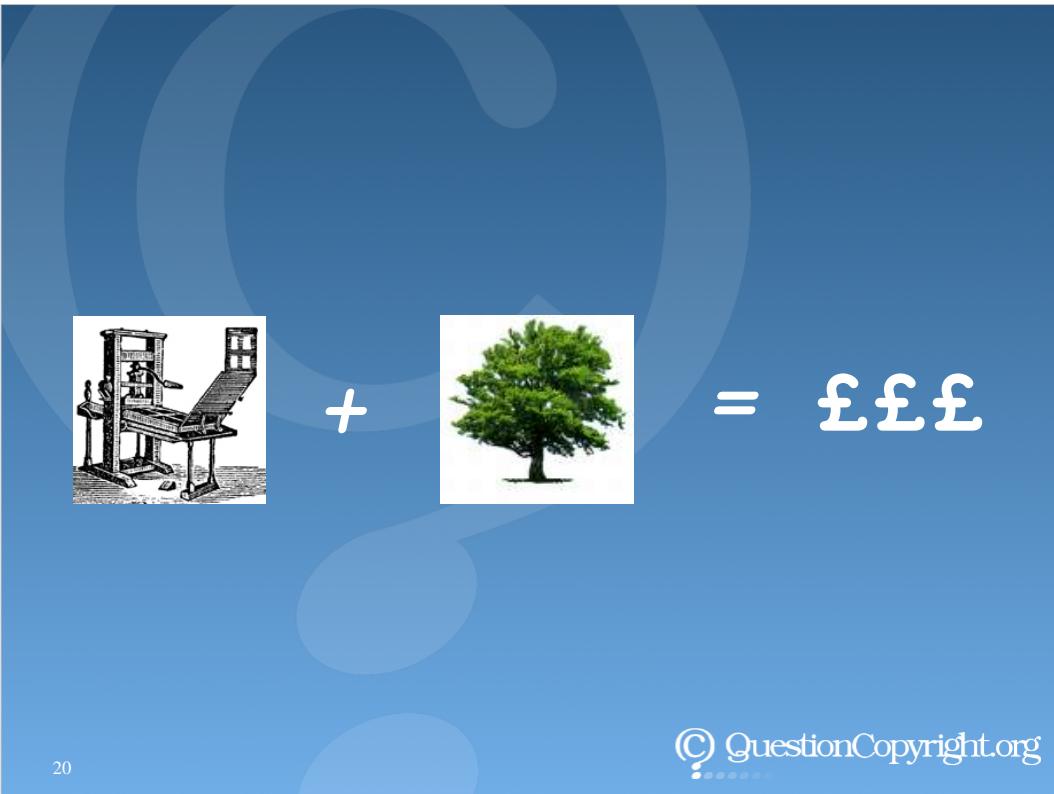
# Freedom of the Press Arrives!

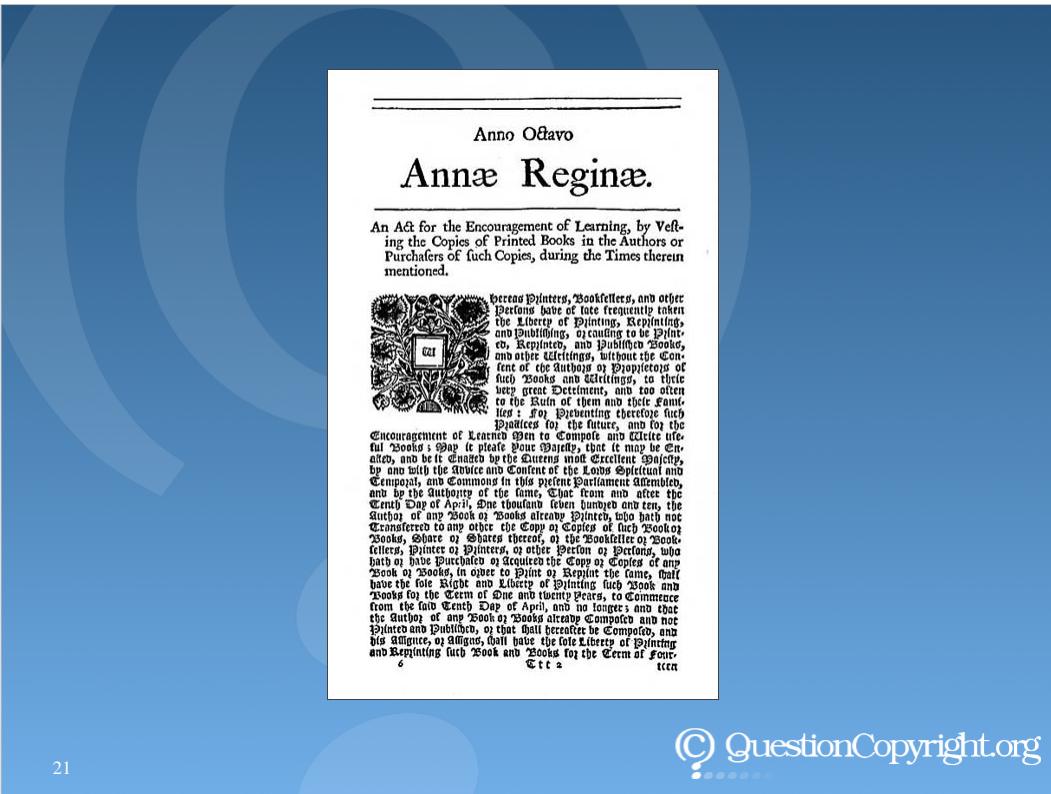
*(This is a disaster.)*

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# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

22

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## The Copyright Interregnum (1709 – appx yesterday afternoon)

- Old works (some free, some restricted)
- New works (static – few derivatives)
- Translations (if rights can be negotiated)
- Anthologies (if rights can be negotiated)
- Divergent texts (usually not permitted)
- Political pamphlets (continued as before)
- Plagiarism (mostly gone)
- *Reverse plagiarism (gone)*

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# Arrival of the Printing Press (1474)

- Old works
- New works
- Translations (of everything)
- Anthologies, rearrangements
- Divergent texts
- Political pamphlets
- Plagiarism
- *Reverse plagiarism*

24

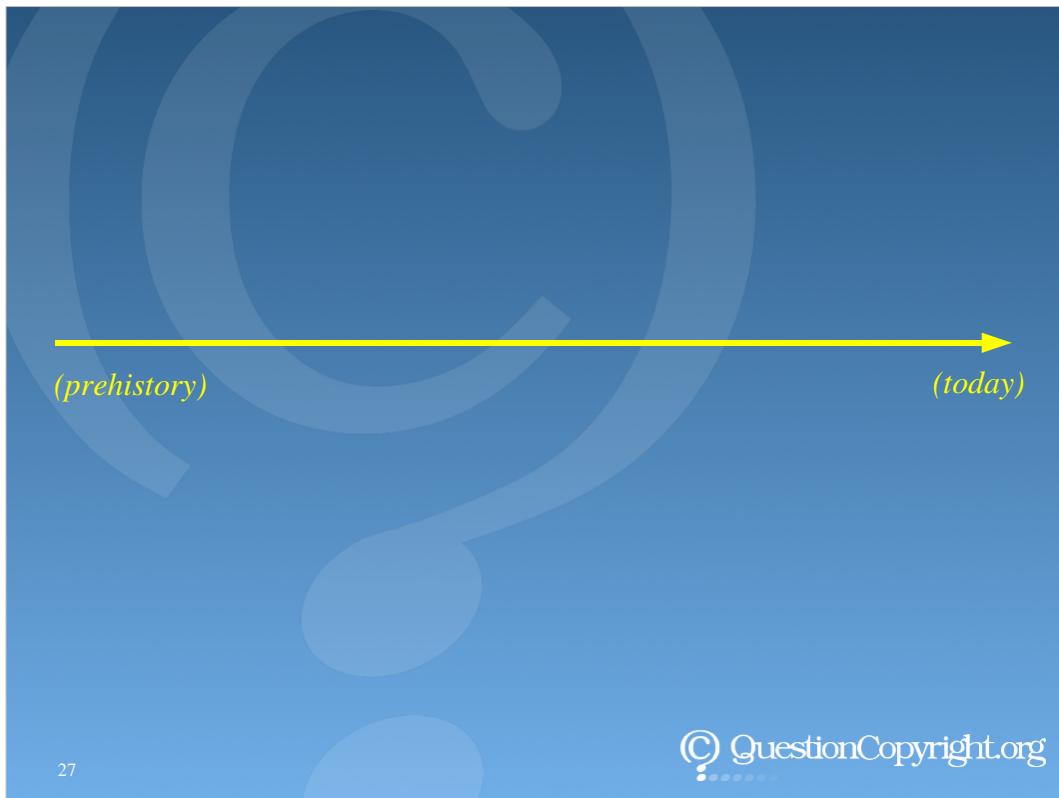
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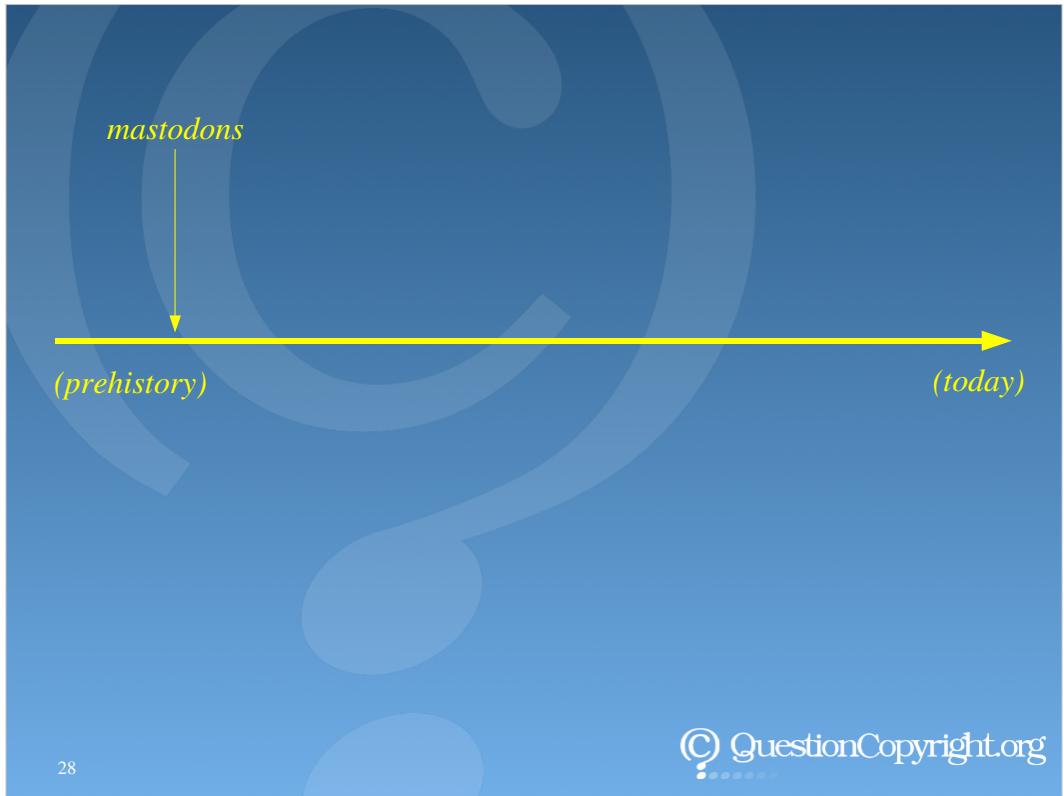
## Arrival of the Internet

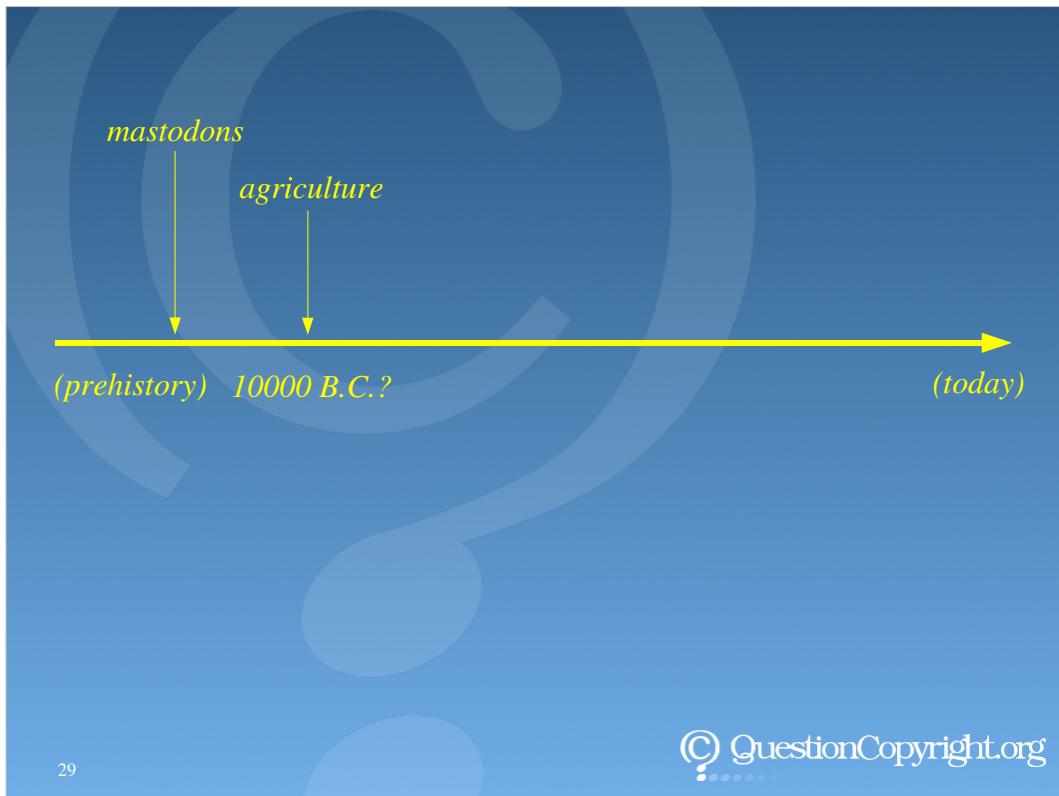
- Old works ...*now coming online*
- New works ...*common; derivatives okay too*
- Translations (of everything) ...*yes*
- Anthologies, rearrangements ...*yes*
- Divergent texts ...*easily detectable*
- Political pamphlets ...*yes, more than ever*
- Plagiarism ...*gone (cf. the Joyce Hatto case)*
- Reverse plagiarism ...*gone*

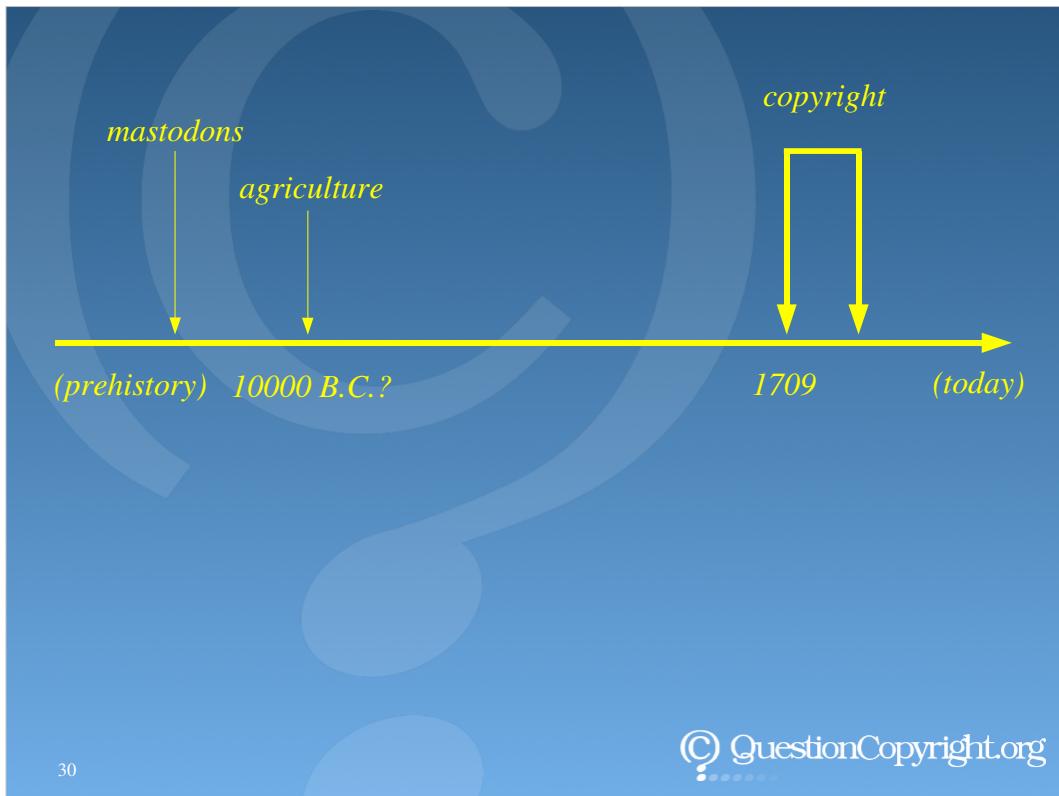
## Arrival of the Internet

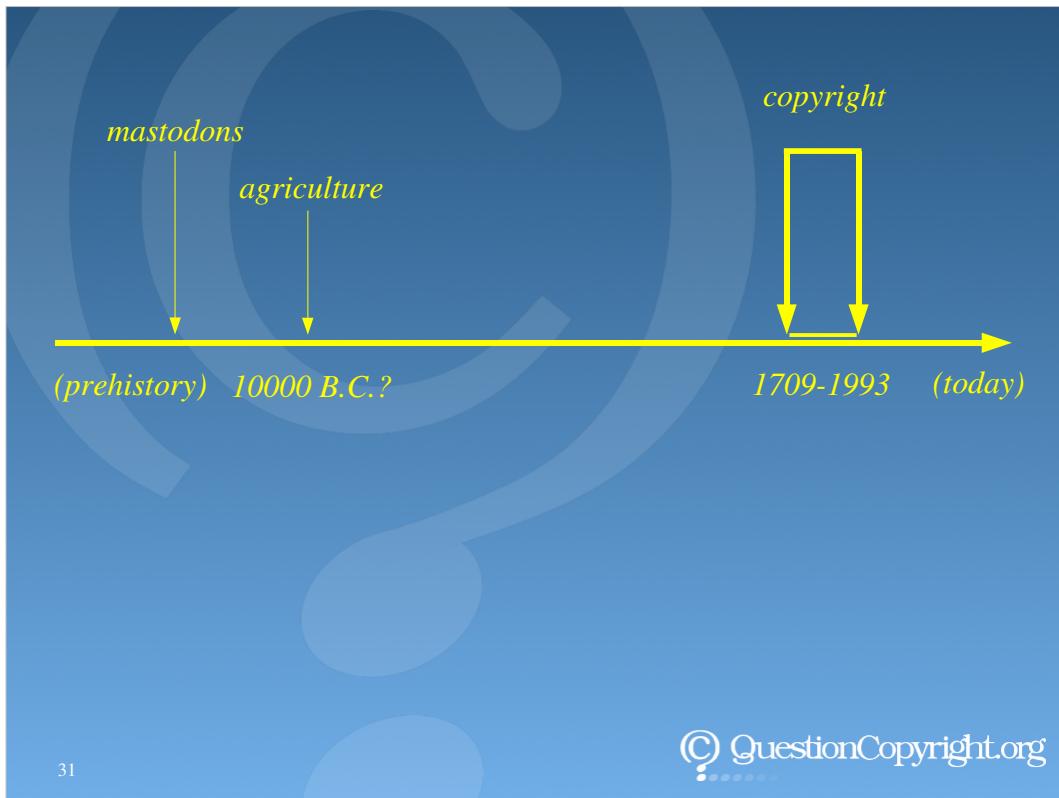
- Old works ...*now coming online*
- New works ...*common; derivatives okay too*
- Translations (of everything) ...*yes*
- Anthologies, rearrangements ...*yes*
- Divergent texts ...*easily detectable*
- Political pamphlets ...*Hello, blogosphere!*
- Plagiarism ...*gone (cf. the Joyce Hatto case)*
- Reverse plagiarism ...*gone*

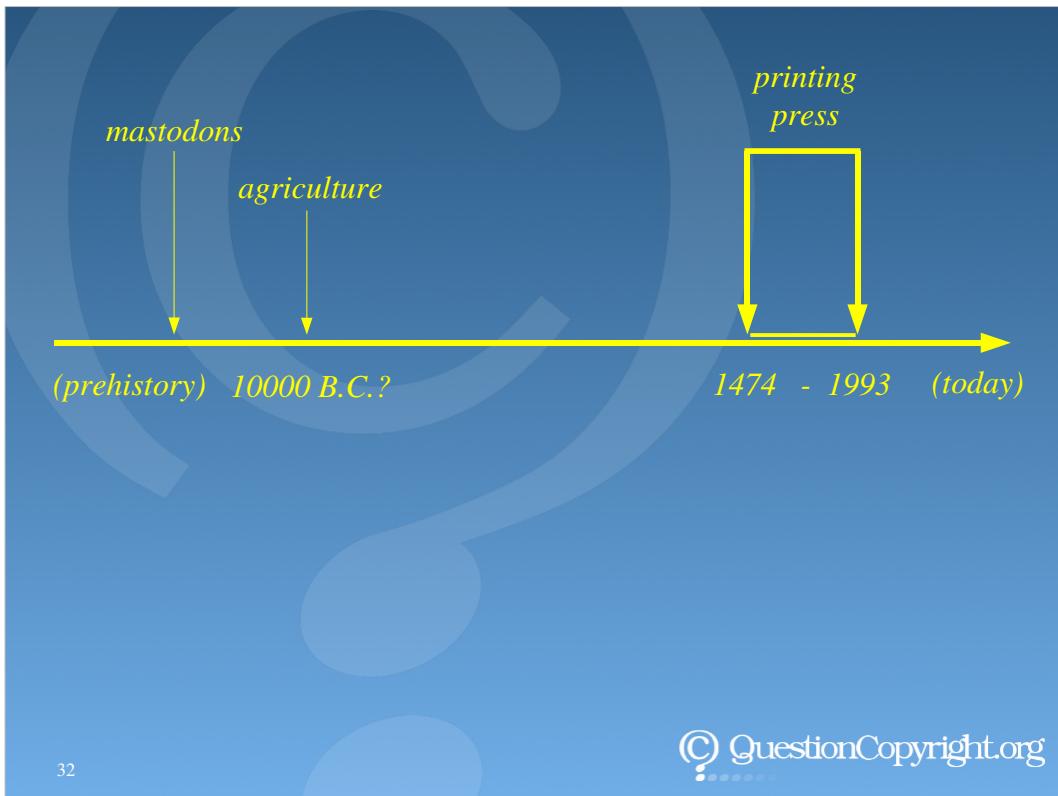


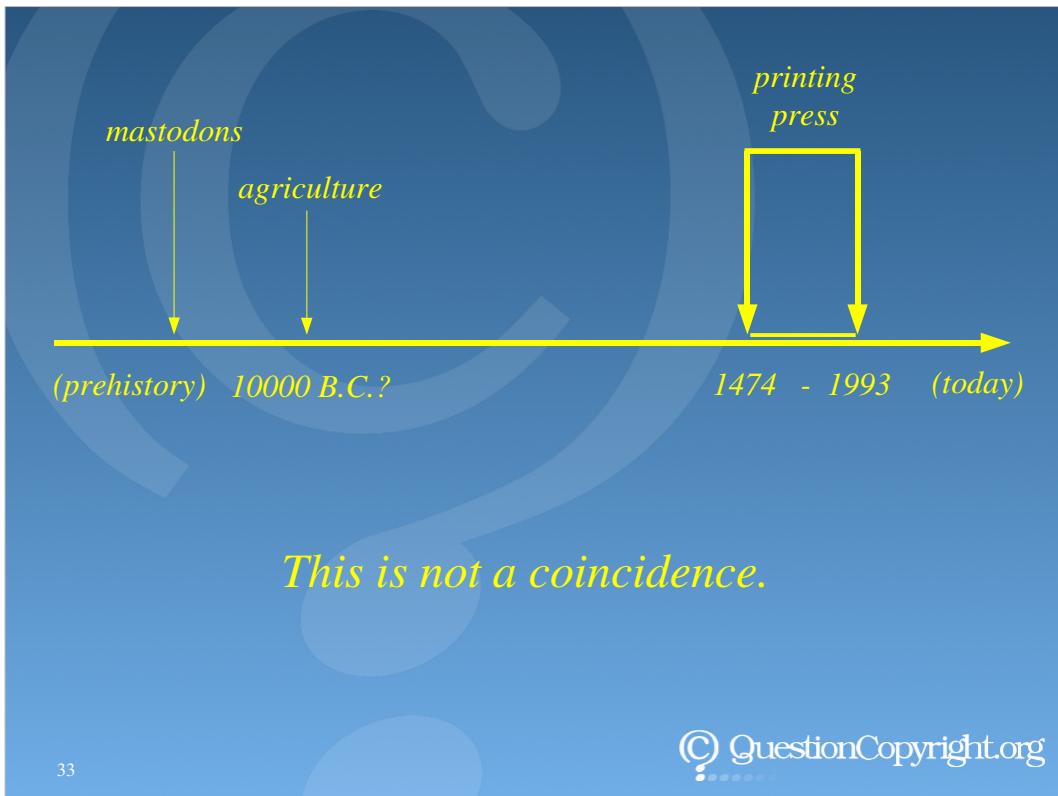














Don't forget to flatter the audience, Karl.

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*Copyright was designed  
to support replication,  
not creation.*



But how will artists make a living?

But how will artists make a living?

*The same ways they always have!  
(not from copyright royalties)*





*Copyright was designed  
to support replication,  
not creation.*

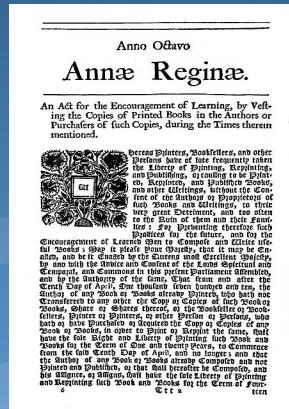


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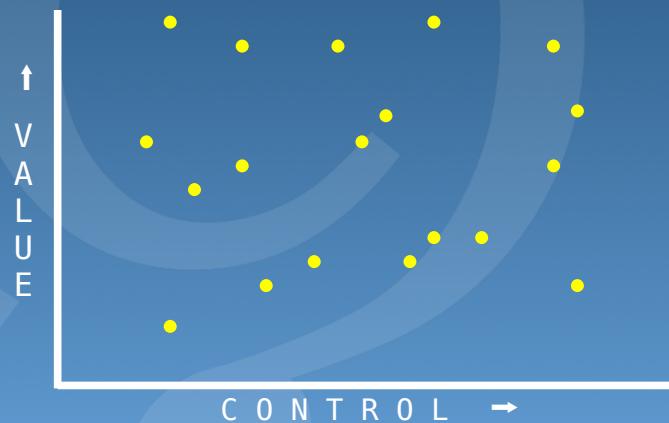
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# The Balanced Buyout System



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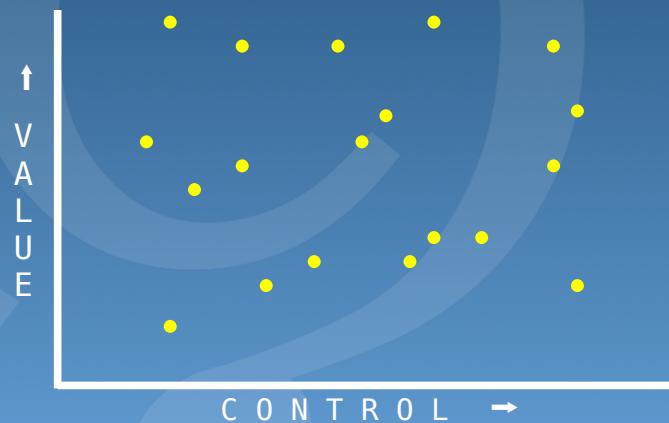
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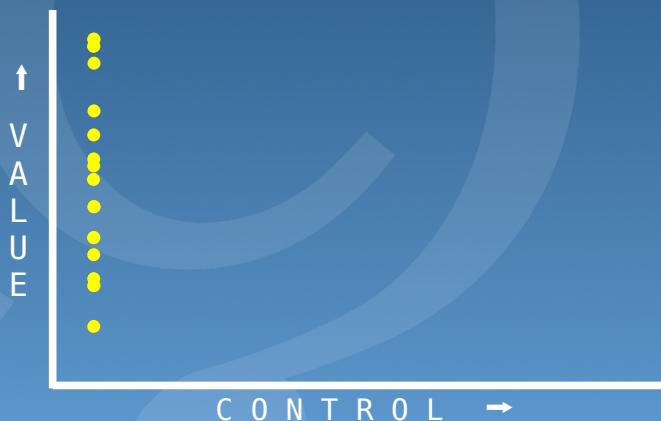
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Amy Plato	C. Michael Plato	Etc, etc, etc...
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# Economic Models

- Look at the first 100 years of printing...
- ...then subtract the problems:
  - the Net *defeats plagiarism*
  - the Net *promotes reliability*
- Information beats control
- “Free” is a platform for selling authenticity



# What are publishers?

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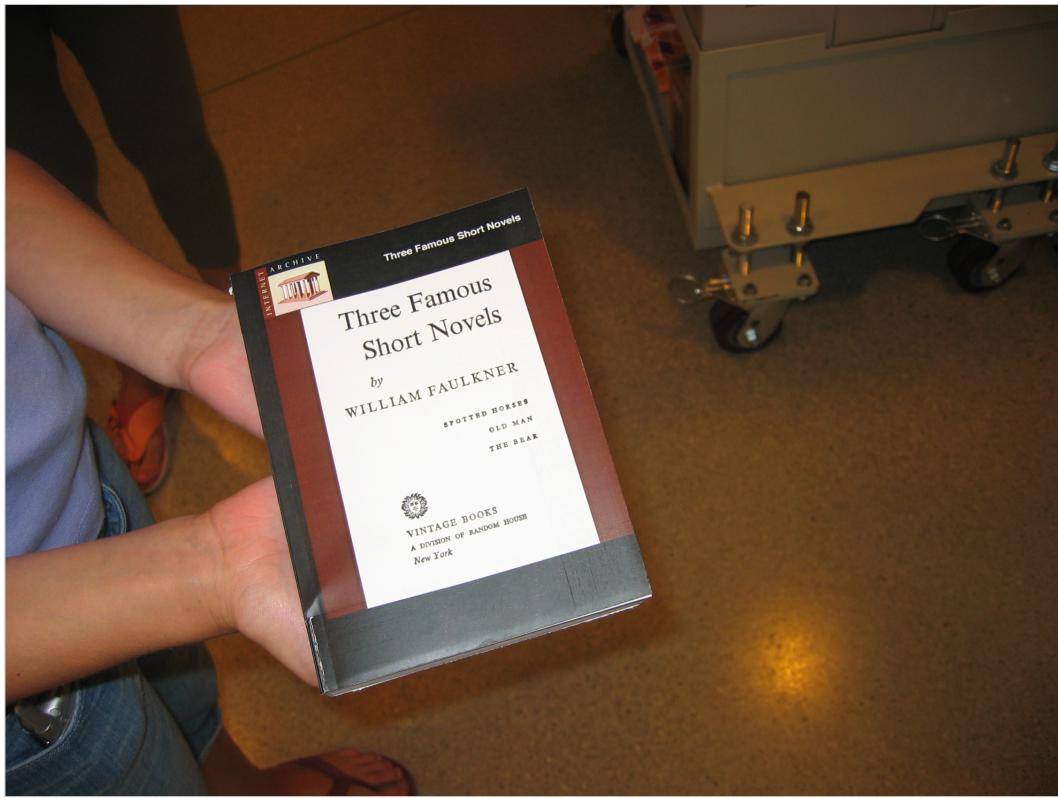
# What are publishers?

*endorsing authorities*

# What are publishers?

*endorsing authorities*  
*authenticity providers*







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Marie Fitzpatrick	Brian W. Fitzpatrick	Etc, etc, etc...
Daniel Stenberg	Daniel Stenberg	Etc, etc, etc...
Amy Plato	C. Michael Plato	Etc, etc, etc...
Kevin Pilch-Bisson	Philip Martin	Etc, etc, etc...
Philip Martin	Justin Erenkranz	Etc, etc, etc...
Justin Erenkranz	Garrett Rooney	Etc, etc, etc...
Garrett Rooney	Blair Zajac	Etc, etc, etc...
Blair Zajac	Sander Striker	Etc, etc, etc...
Karen Underhill	Nuutti Kotivuori	Etc, etc, etc...
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## More Fries With That...

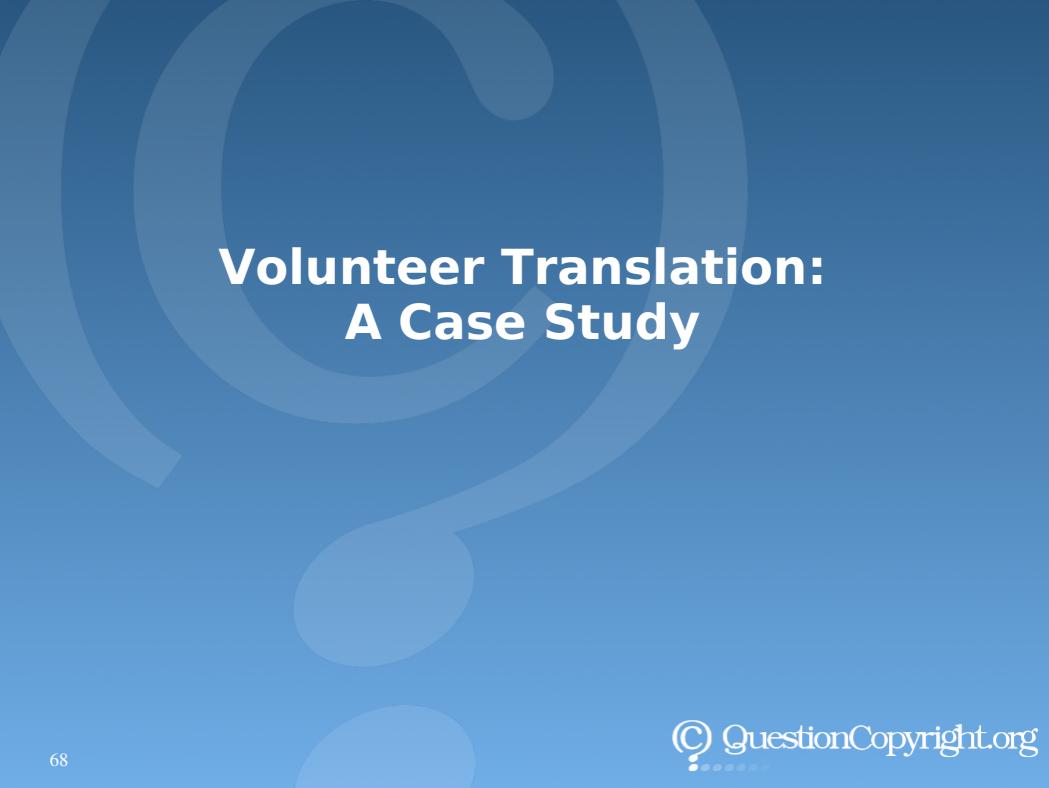
- Don't manufacture...
- ...harvest!
- Version control, snapshots
  - e.g., [worldwidelexicon.org](http://www.worldwidelexicon.org)
- Panning for gold in fan fiction
  - e.g., Christopher Tolkien's missed opportunity

# **Attribution Conventions**

**copyright ≠ trademark**

**copyright violation ≠ plagiarism**

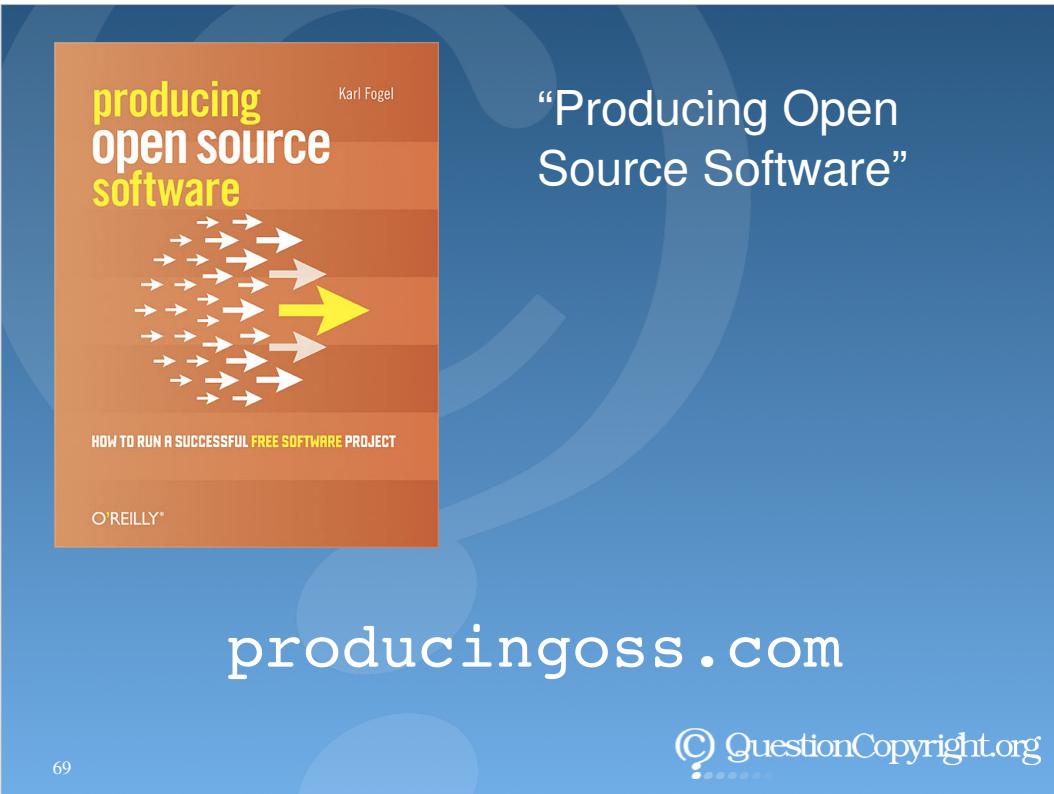




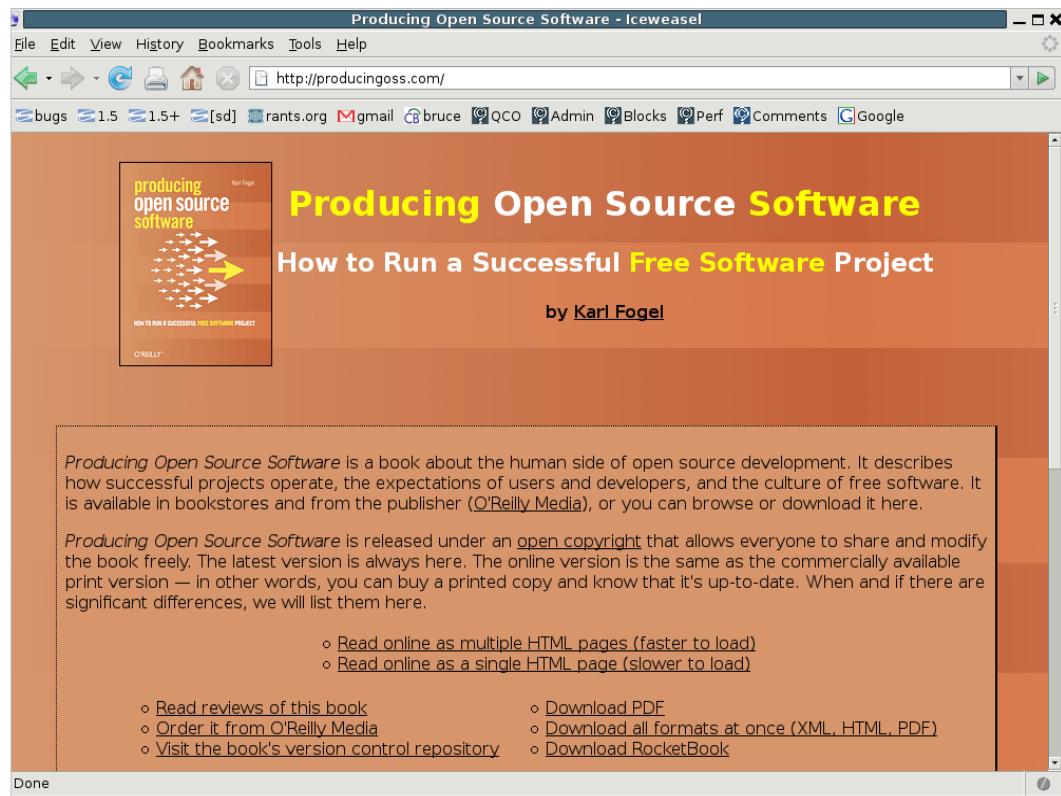
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Producing Open Source Software - Iceweasel

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<http://producingoss.com/>

 **Producing Open Source Software**  
How to Run a Successful Free Software Project  
by Karl Fogel

*Translations under way! (click here for more info)*

*Producing Open Source Software* is a book about the human side of open source development. It describes how successful projects operate, the expectations of users and developers, and the culture of free software. It is available in bookstores and from the publisher ([O'Reilly Media](#)), or you can browse or download it here.

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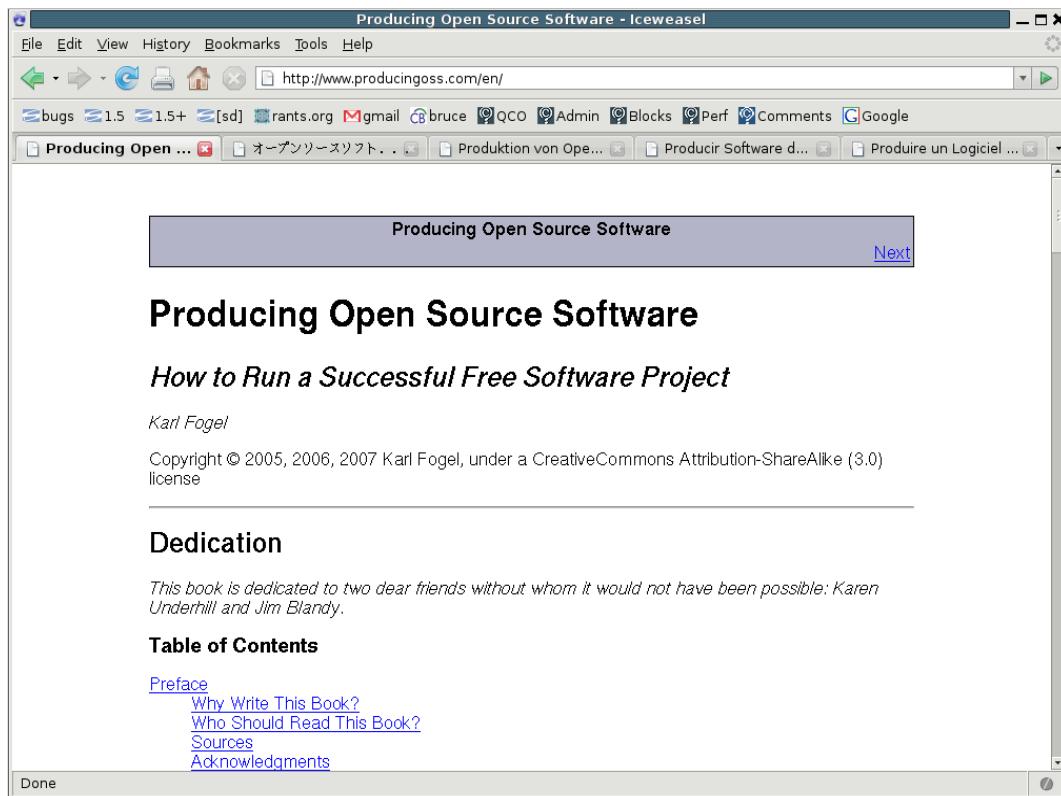


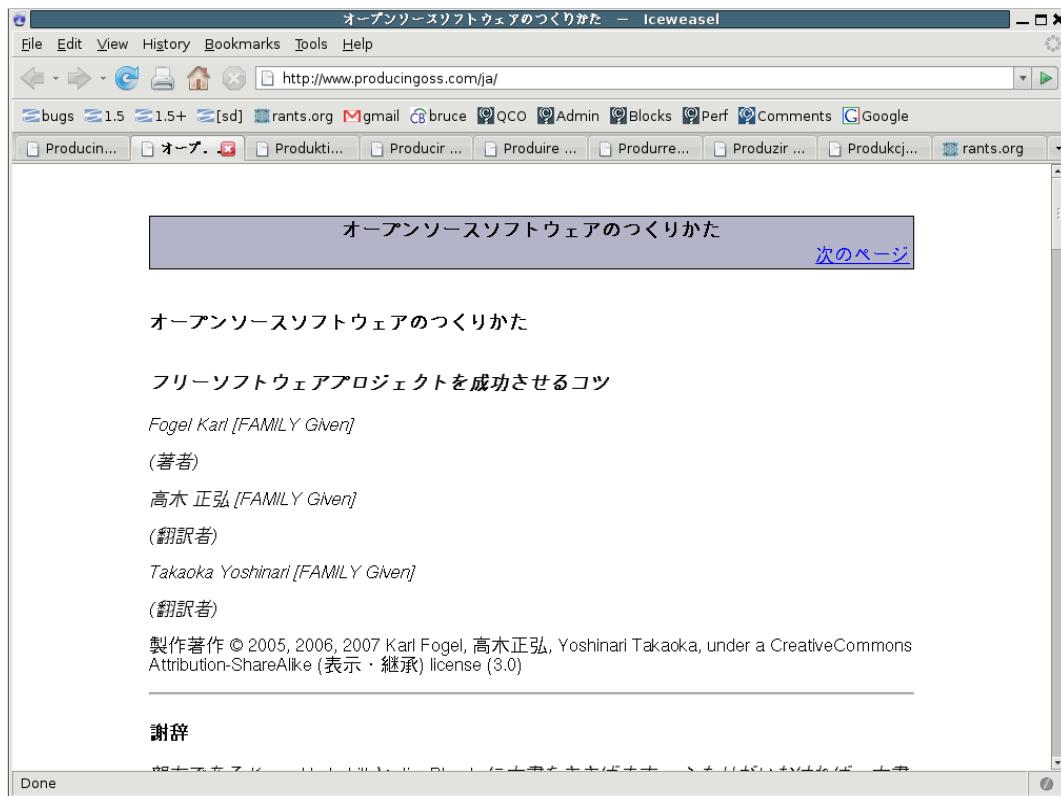
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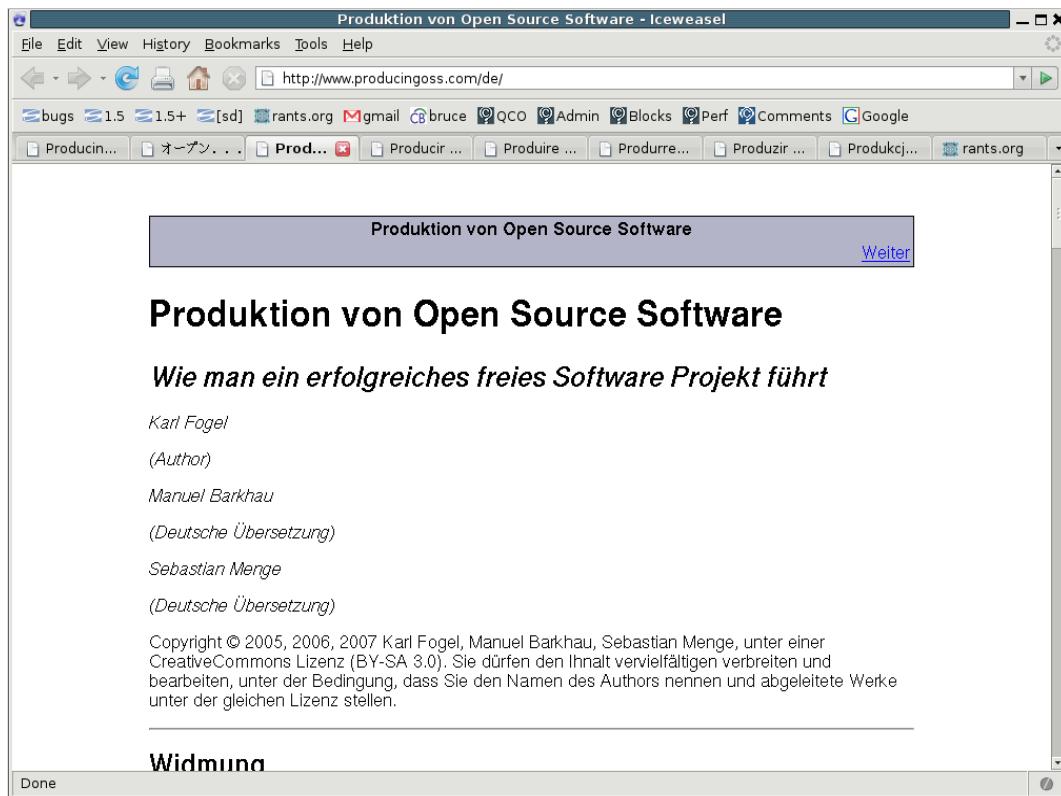
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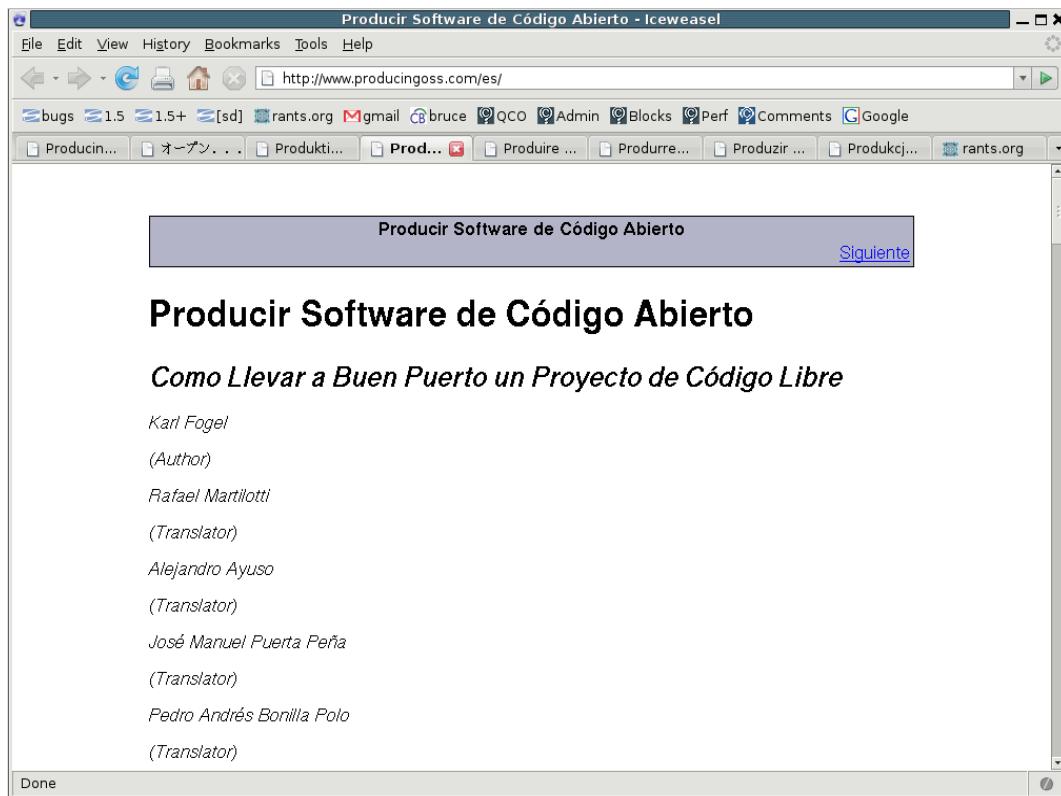
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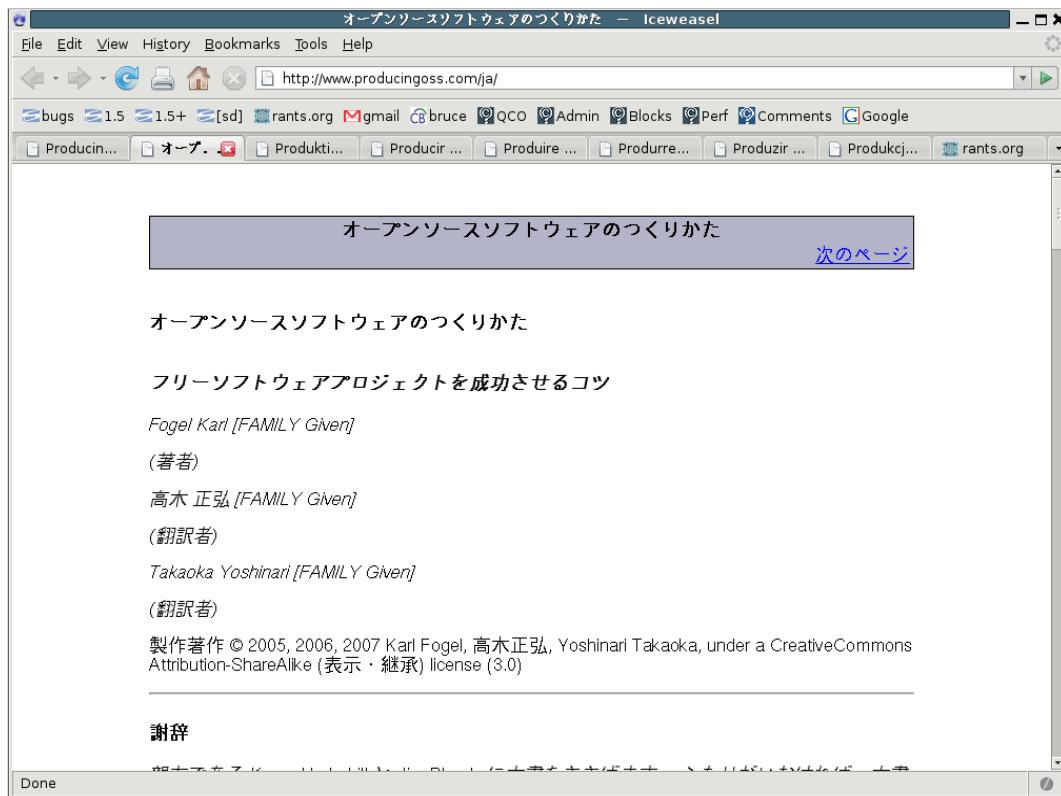
## Optimize For Participation

- Make it easy and they will come
- Ensure accurate attribution:
  - *No monopoly* on content
  - *Exclusive monopoly* on attribution
- Consensus vs divergence

## Optimize For Participation

- Make it easy and they will come
- Ensure accurate attribution:
  - **No monopoly** on content
  - **Exclusive monopoly** on attribution
- Consensus vs divergence

*You can do this much better than  
I did it...*



オープンソースソフトウェアのつくりかた - Iceweasel

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親友である Karen Underhill と Jim Blandy に本書をささげます。ふたりがいなければ、本書を完成させることはできなかつたでしょう。

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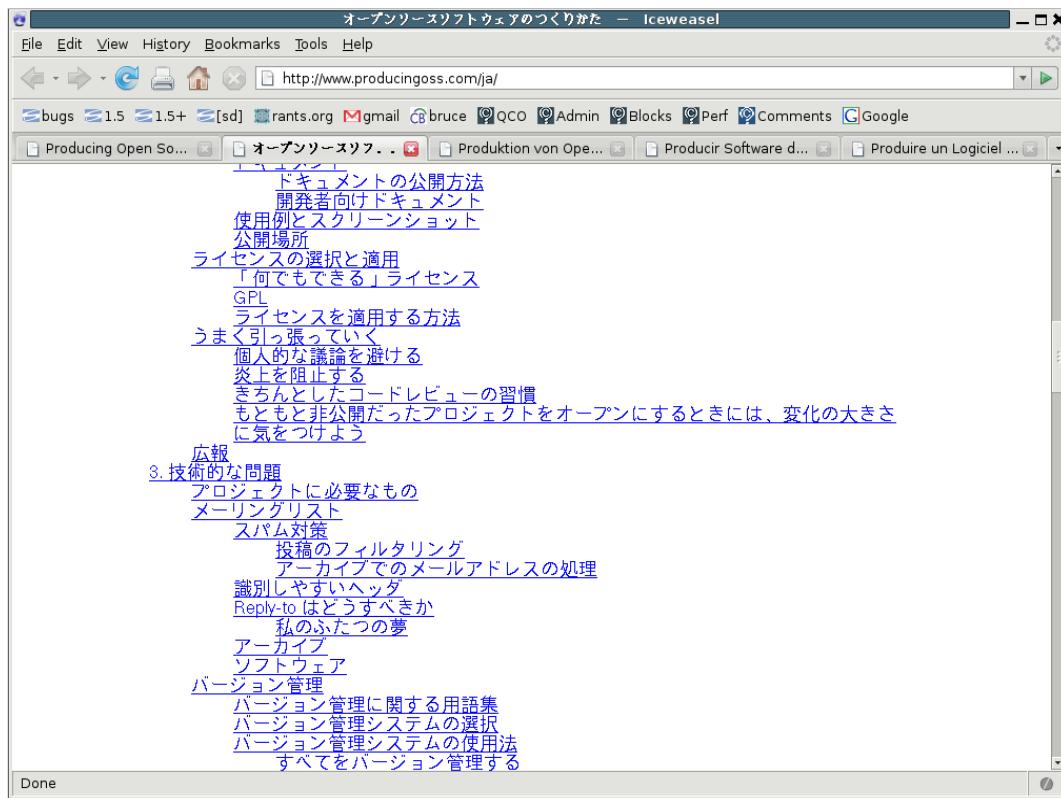
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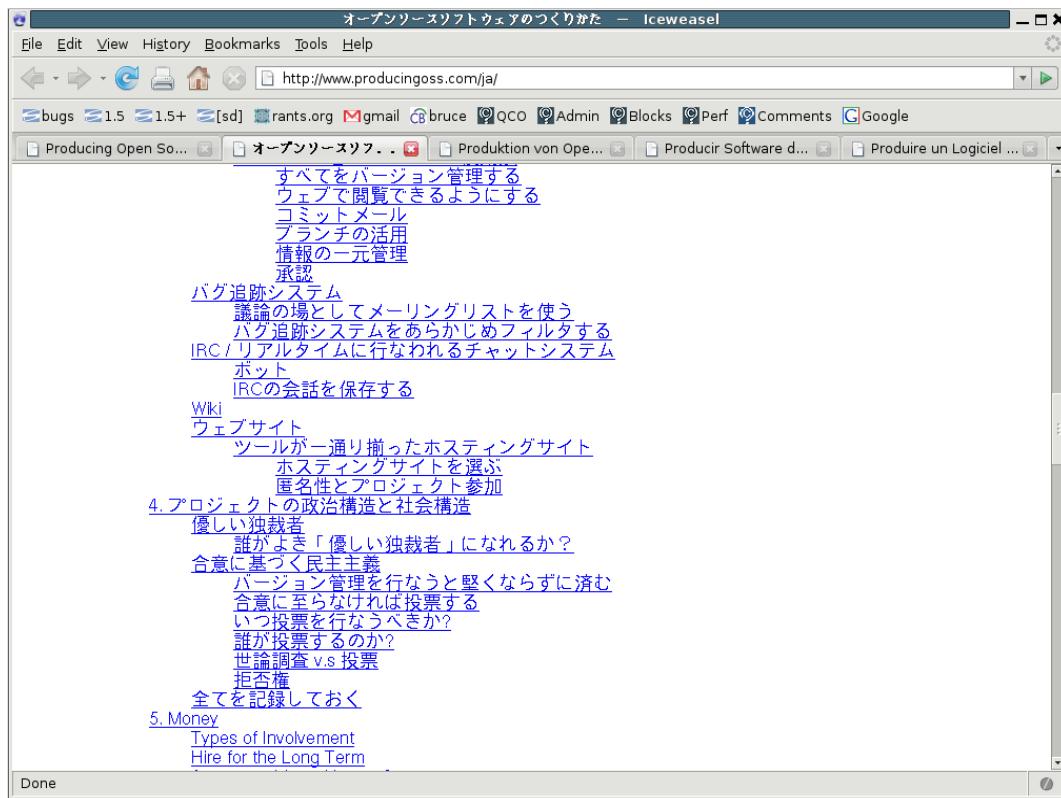
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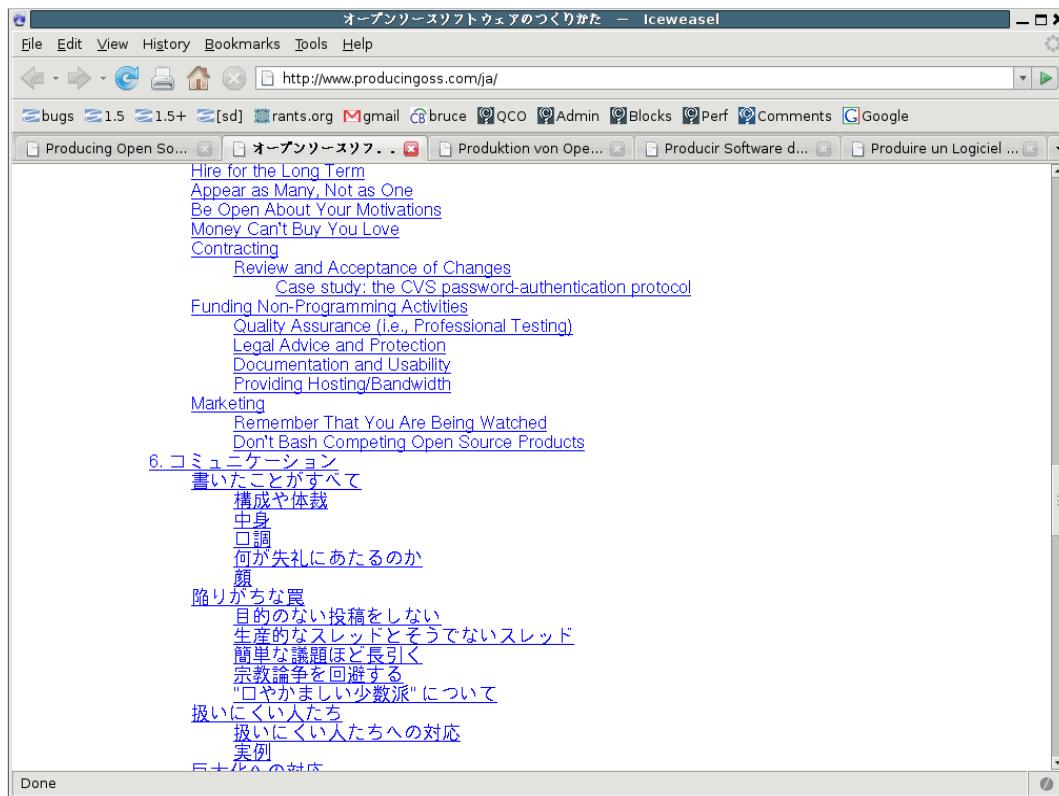
2. さあ始めましょう

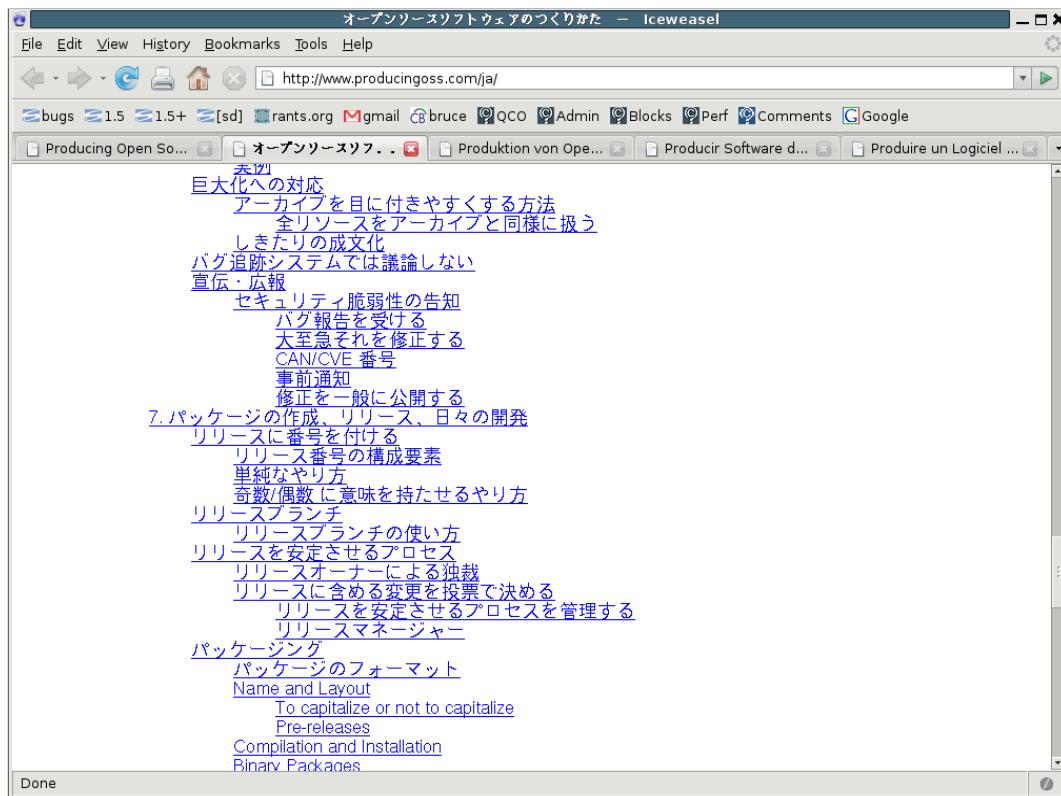
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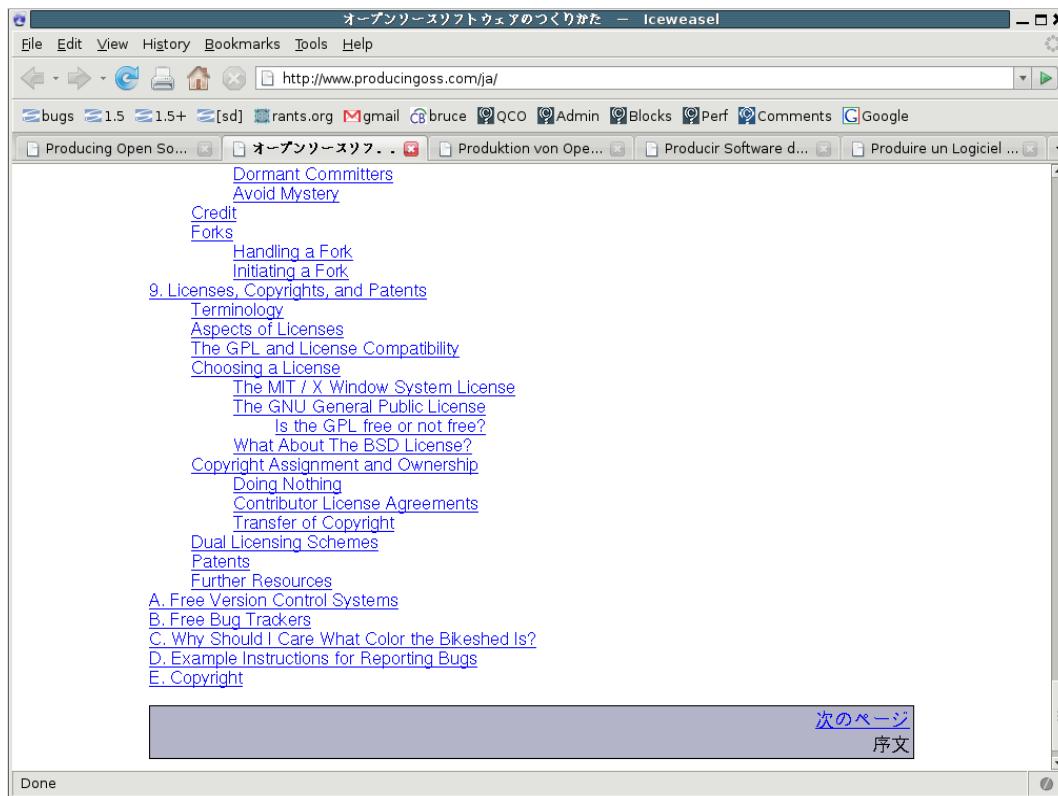
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Binary Packages  
Testing and Releasing  
Candidate Releases  
Announcing Releases  
Maintaining Multiple Release Lines  
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Releases and Daily Development  
Planning Releases  
8. Managing Volunteers  
Getting the Most Out of Volunteers  
Delegation  
Distinguish clearly between inquiry and assignment  
Follow up after you delegate  
Notice what people are interested in  
Praise and Criticism  
Prevent Territoriality  
The Automation Ratio  
Automated testing  
Treat Every User as a Potential Volunteer  
Share Management Tasks as Well as Technical Tasks  
Patch Manager  
Translation Manager  
Documentation Manager  
Issue Manager  
FAQ Manager  
Transitions  
Committers  
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