

Beyond Numbers:  
Gatekeeper Effects  
and  
Just-in-Time Publishing

Karl Fogel  
kfogel@questioncopyright.org











Three Famous Short Novels

# Three Famous Short Novels

by  
WILLIAM FAULKNER

SPOTTED HORSES  
OLD MAN  
THE BEAR



VINTAGE BOOKS  
A DIVISION OF RANDOM HOUSE  
New York





Lower Manhattan 2010  
It's happening now.  
Monitoring  
Construction  
Contractors  
Tentative  
Tentative  
Local  
West Coast  
WTC  
Aluminum  
WTC  
Lower Manhattan  
Lower Manhattan  
Lower Manhattan

WARNING  
DANGER

HEAT GUN  
HEAT GUN  
bright white multiuse paper  
STAPLES  
CAPITAL  
Net 18  
+ 98  
+ 22

FS-910  
ON



Yes, it's kind of big.

Yes, it's kind of big.

How big?

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft



Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300 - \$1000 sq/ft

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300 - \$1000 sq/ft

→ \$30,000.00



Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

→ 12,480 books/year



Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ \$40,000.00

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

→ 12,480 books/year

→ \$6.50 space cost

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

→ 12,480 books/year

→ \$6.50 space cost

→ \$3.50 materials costs



Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ **\$40,000.00**

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

→ 12,480 books/year

→ \$6.50 space cost

→ \$3.50 materials costs

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft

→ \$40,000.00

\$3.50 (= 350 pages @ 1¢)

~10 min/book = 48 books/day

→ 12,480 books/year

→ \$6.50 space cost

→ \$3.50 materials costs

**appx \$10.00 base cost**



# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
  - “YALO”
  - $a$
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
  - Print two, they're small!
  - Anticipate demand during idle time
  - Sell market information to large-scale publishers
  - Used bookstores become the norm
- Sensitive to customer preferences
- Reader-author, reader-reader participation



# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
  - Print two, they're small!
  - Anticipate demand during idle time
  - Sell market information to large-scale publishers
    - *Be a large-scale publisher*
  - Used bookstores become the norm
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
  - Get it in the font you want.
  - Get it at the quality you want.
  - “Staff Picks” → “Customer Picks”
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation
  - Fan fiction
  - Translations
  - Grass-roots anthologization
  - Abridgements (authorized and unauthorized)
  - Handicapped access that tracks reality



# Economic Models

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

# The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



# The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



# The “Author-Approved” Mark

© Mark Helprin

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark

 Mark Helprin

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark

## Mark Helprin Subscribers

Wang Ling  
Madeleine Smith  
Joe Orton  
Greg Hudson  
Marie Fitzpatrick  
Daniel Stenberg  
Amy Pilato  
Kevin Pilch-Bisson  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Karen Underhill  
Nuutti Kotivuori  
Isabel Ringing

Jim Blandy  
Frances Collins  
The Ford Foundation  
Greg Hudson  
Brian W. Fitzpatrick  
Daniel Stenberg  
C. Michael Pilato  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Sander Striker  
Nuutti Kotivuori  
David Kimdon  
Shirley Yujest

Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



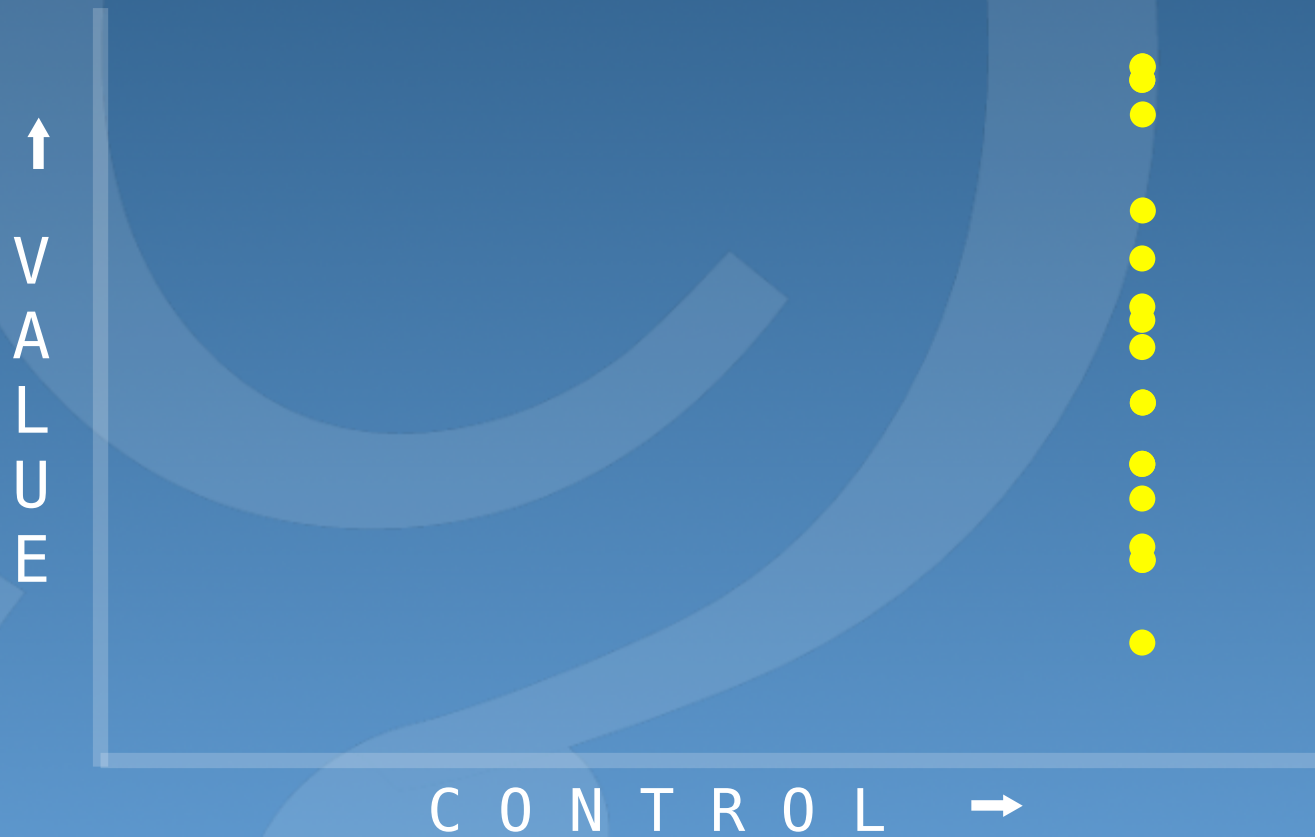


# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

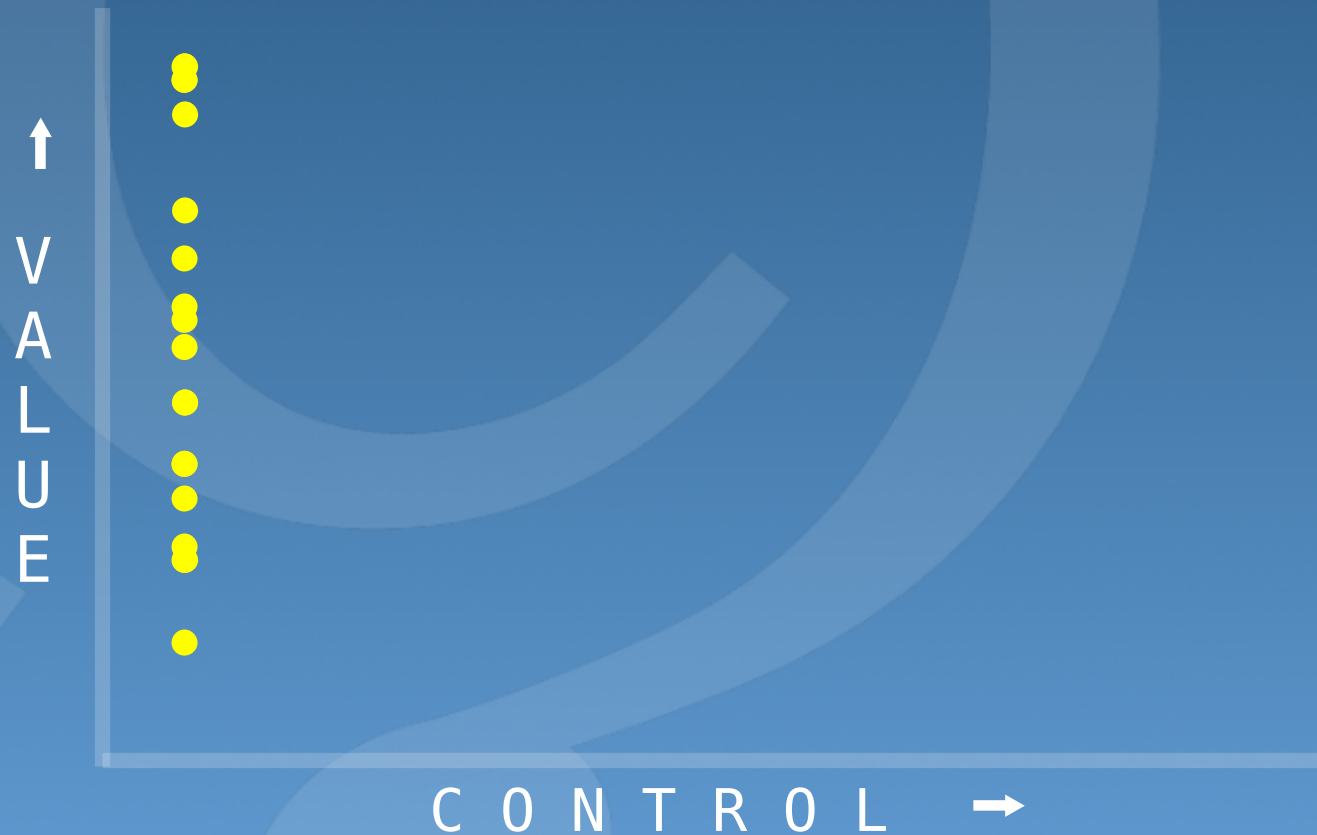


# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

# The Threshold Pledge System



[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)



# The Threshold Pledge System

fundable.org  
pledgebank.com  
propagateltd.com  
digitalartauction.com  
micropledge.com

[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# The Threshold Pledge System

fundable.org  
pledgebank.com  
propagateltd.com  
digitalartauction.com  
micropledge.com  
strayform.com

[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# The Threshold Pledge System



[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# What are publishers?



What are publishers?

*endorsing authorities*

What are publishers?

*endorsing authorities*

*authenticity providers*

# The “Author-Approved” Mark

## Mark Helprin Subscribers

Wang Ling  
Madeleine Smith  
Joe Orton  
Greg Hudson  
Marie Fitzpatrick  
Daniel Stenberg  
Amy Pilato  
Kevin Pilch-Bisson  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Karen Underhill  
Nuutti Kotivuori  
Isabel Ringing

Jim Blandy  
Frances Collins  
The Ford Foundation  
Greg Hudson  
Brian W. Fitzpatrick  
Daniel Stenberg  
C. Michael Pilato  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Sander Striker  
Nuutti Kotivuori  
David Kimdon  
Shirley Yujest

Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# Attribution Conventions

copyright  $\neq$  trademark

copyright violation  $\neq$  plagiarism



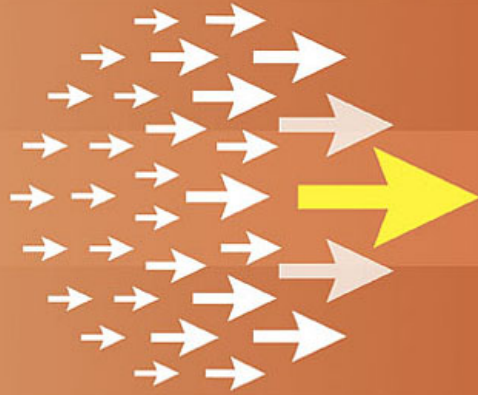
# More Fries With That...

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

# **Volunteer Translation: A Case Study**

**producing  
open source  
software**

Karl Fogel

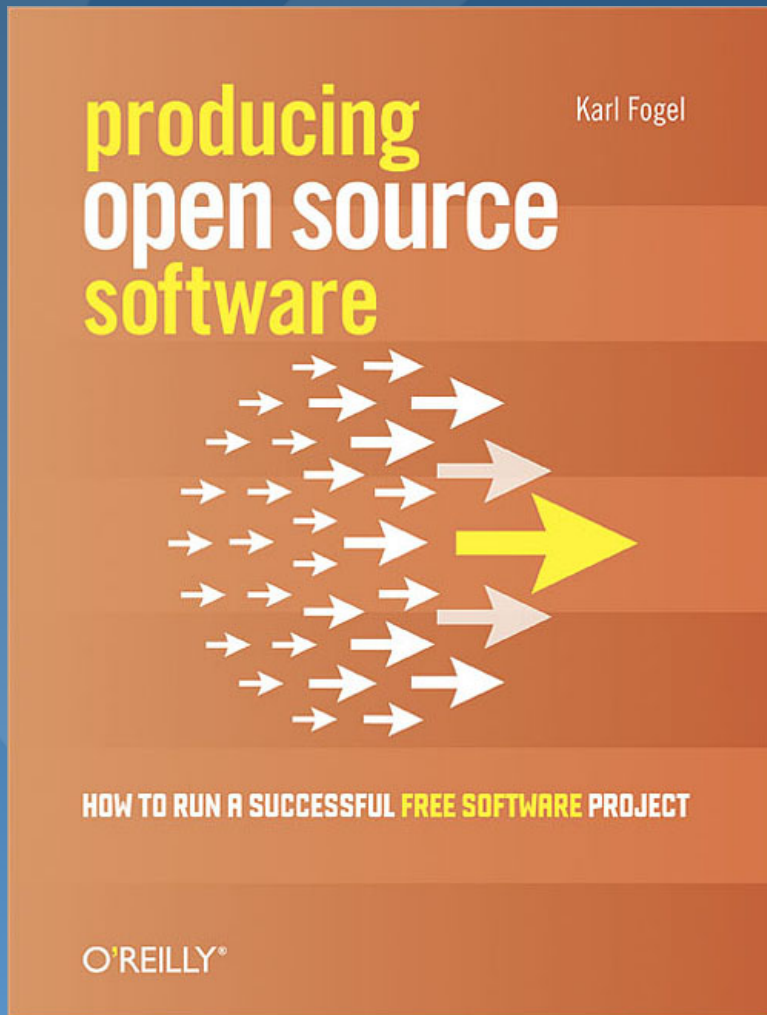


HOW TO RUN A SUCCESSFUL **FREE SOFTWARE** PROJECT

O'REILLY®

“Producing Open Source Software”

[producingoss.com](http://producingoss.com)



“Producing Open Source Software”

*Open Licence →  
Open Community*

producingoss.com





# 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.

*Producing Open Source Software* is released under an [open copyright](#) that allows everyone to share and modify the book freely. The latest version is always here. The online version is the same as the commercially available print version — in other words, you can buy a printed copy and know that it's up-to-date. When and if there are significant differences, we will list them here.

- [Read online as multiple HTML pages \(faster to load\)](#)
- [Read online as a single HTML page \(slower to load\)](#)
- [Read reviews of this book](#)
- [Order it from O'Reilly Media](#)
- [Visit the book's version control repository](#)
- [Download PDF](#)
- [Download all formats at once \(XML, HTML, PDF\)](#)
- [Download RocketBook](#)



# 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.

*Producing Open Source Software* is released under an [open copyright](#) that allows everyone to share and modify the book freely. The latest version is always here. The online version is the same as the commercially available print version — in other words, you can buy a printed copy and know that it's up-to-date. When and if there are significant differences, we will list them here.

- [Read online as multiple HTML pages \(faster to load\)](#)
- [Read online as a single HTML page \(slower to load\)](#)
- [Read reviews of this book](#)
- [Order it from O'Reilly Media](#)
- [Visit the book's version control repository](#)
- [Download PDF](#)
- [Download all formats at once \(XML, HTML, PDF\)](#)
- [Download RocketBook](#)



# Translations of Producing Open Source Software

People are already at work translating *Producing Open Source Software* into other languages. If you'd like to start or help with a translation, please [let me know](#). We'll give you commit access to the [book's repository](#) and put you on a mailing list with other translators. Our goal is to make it as easy as possible for you to translate, and we'll continue to host the translation here after it's done.

- [Deutsch \(German\)](#)  
*Manuel Barkhau, Sebastian Menge*
- [日本語 \(Japanese\)](#)  
*高木 正弘 (TAKAGI Masahiro), Takaoka Yoshinari*
- [Español \(Spanish\)](#)  
*Rafael Martilotti, Alejandro Ayuso, Francisco Urbano García, José Manuel Puerta Peña, Pedro Andrés Bonilla Polo, Christian López Espinola*
- [Français \(French\)](#)  
*Étienne Savard, Bertrand Florat*

## Producing Open Source Software

[Next](#)

# Producing Open Source Software

## *How to Run a Successful Free Software Project*

*Karl Fogel*

Copyright © 2005, 2006, 2007 Karl Fogel, under a Creative Commons Attribution-ShareAlike (3.0) license

---

## Dedication

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

## Table of Contents

[Preface](#)

[Why Write This Book?](#)

[Who Should Read This Book?](#)

[Sources](#)

[Acknowledgments](#)



オープンソースソフトウェアのつくりかた [次のページ](#)

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

Fogel Karl [FAMILY Given]

(著者)

高木 正弘 [FAMILY Given]

(翻訳者)

Takaoka Yoshinari [FAMILY Given]

(翻訳者)

製作著作 © 2005, 2006, 2007 Karl Fogel, 高木正弘, Yoshinari Takaoka, under a Creative Commons Attribution-ShareAlike (表示・継承) license (3.0)

謝辞

朗本を... 朗本を... 朗本を... 朗本を... 朗本を... 朗本を... 朗本を... 朗本を... 朗本を... 朗本を...

Produktion von Open Source Software [Weiter](#)

# Produktion von Open Source Software

## *Wie man ein erfolgreiches freies Software Projekt führt*

*Karl Fogel*

*(Author)*

*Manuel Barkhau*

*(Deutsche Übersetzung)*

*Sebastian Menge*

*(Deutsche Übersetzung)*

Copyright © 2005, 2006, 2007 Karl Fogel, Manuel Barkhau, Sebastian Menge, unter einer CreativeCommons Lizenz (BY-SA 3.0). Sie dürfen den Inhalt vervielfältigen verbreiten und bearbeiten, unter der Bedingung, dass Sie den Namen des Authors nennen und abgeleitete Werke unter der gleichen Lizenz stellen.

### Widmung

Producir Software de Código Abierto

[Siguiente](#)

# Producir Software de Código Abierto

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

*Karl Fogel*

*(Author)*

*Rafael Martilotti*

*(Translator)*

*Alejandro Ayuso*

*(Translator)*

*José Manuel Puerta Peña*

*(Translator)*

*Pedro Andrés Borilla Polo*

*(Translator)*

Produire un Logiciel Libre

[Suivant](#)

# Produire un Logiciel Libre

## *Comment Diriger avec Succès un Projet de Logiciel Libre*

*Karl Fogel*

*(Auteur)*

*Étienne Savard*

*(Traducteur)*

*Bertrand Florat*

*(Traducteur)*

Copyright © 2005, 2006, 2007 Karl Fogel, Étienne Savard, Bertrand Florat, sous une licence Creative Commons Paternité - Partage des Conditions Initiales à l'Identique (3.0)

---

## Dédicace

*Ce livre est dédié à deux amis chers parce qu'il n'aurait pu être possible sans leur aide: Karan Underhill et Jim*



# Optimize For Participation

- Make it easy and they will come
- Ensure accurate attribution
  - No monopolies 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 [次のページ](#)

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

*Fogel Karl [FAMILY Given]*

(著者)

*高木 正弘 [FAMILY Given]*

(翻訳者)

*Takaoka Yoshinari [FAMILY Given]*

(翻訳者)

製作著作 © 2005, 2006, 2007 Karl Fogel, 高木正弘, Yoshinari Takaoka, under a Creative Commons Attribution-ShareAlike (表示・継承) license (3.0)

謝辞

朗本をありがとう。...

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でしょう。

## 目次

### 序文

[この本を書いた理由は?](#)  
[どんな人たちに読んでほしい?](#)

[情報源](#)

[謝辞](#)

[免責](#)

### 1. 導入

[歴史](#)

[独占的なソフトウェアとフリーソフトウェア](#)

[意識的な抵抗](#)

[無意識な抵抗](#)

[「フリー」と「オープンソース」の違い](#)

[現状](#)

### 2. さあ始めましょう

[手持ちのもので始めよう](#)

[名前の決定](#)

[明確な目標を掲げる](#)

[フリーであることを宣言する](#)

[機能一覧・要件一覧](#)

[開発の進捗状況](#)

[ダウンロード](#)

[バージョン管理システムやバグトラッカーへのアクセス](#)

[連絡手段](#)

[開発者向けのガイドライン](#)

[ドキュメント](#)

[ドキュメントの公開方法](#)

- [ドキュメントの公開方法](#)
- [開発者向けドキュメント](#)
- [使用例とスクリーンショット](#)
- [公開場所](#)
- [ライセンスの選択と適用](#)
- [「何でもできる」ライセンス](#)
- [GPL](#)
- [ライセンスを適用する方法](#)
- [うまく引っ張っていく](#)
- [個人的な議論を避ける](#)
- [炎上を阻止する](#)
- [きちん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きには、変化の大きさに気をつけよう](#)
- [広報](#)
- [3. 技術的な問題](#)
  - [プロジェクトに必要なもの](#)
  - [メーリングリスト](#)
    - [スパム対策](#)
      - [投稿のフィルタリング](#)
      - [アーカイブでのメールアドレスの処理](#)
    - [識別しやすいヘッダ](#)
    - [Reply-to はどうすべきか](#)
    - [私のふたつの夢](#)
  - [アーカイブ](#)
  - [ソフトウェア](#)
- [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](#)[巨大化への対応](#)

[去例](#)  
[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](#)

[リリースブランチ](#)  
[リリースブランチの使い方](#)  
[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](#)

- [Compilation and Installation](#)
- [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



# Andy Oram

[andy@oreilly.com](mailto:andy@oreilly.com)

<http://www.oreillynet.com/pub/au/36>

Survey:

Why do people contribute  
information for free?

# Eight Reasons for Helping

Community building

Self-centered

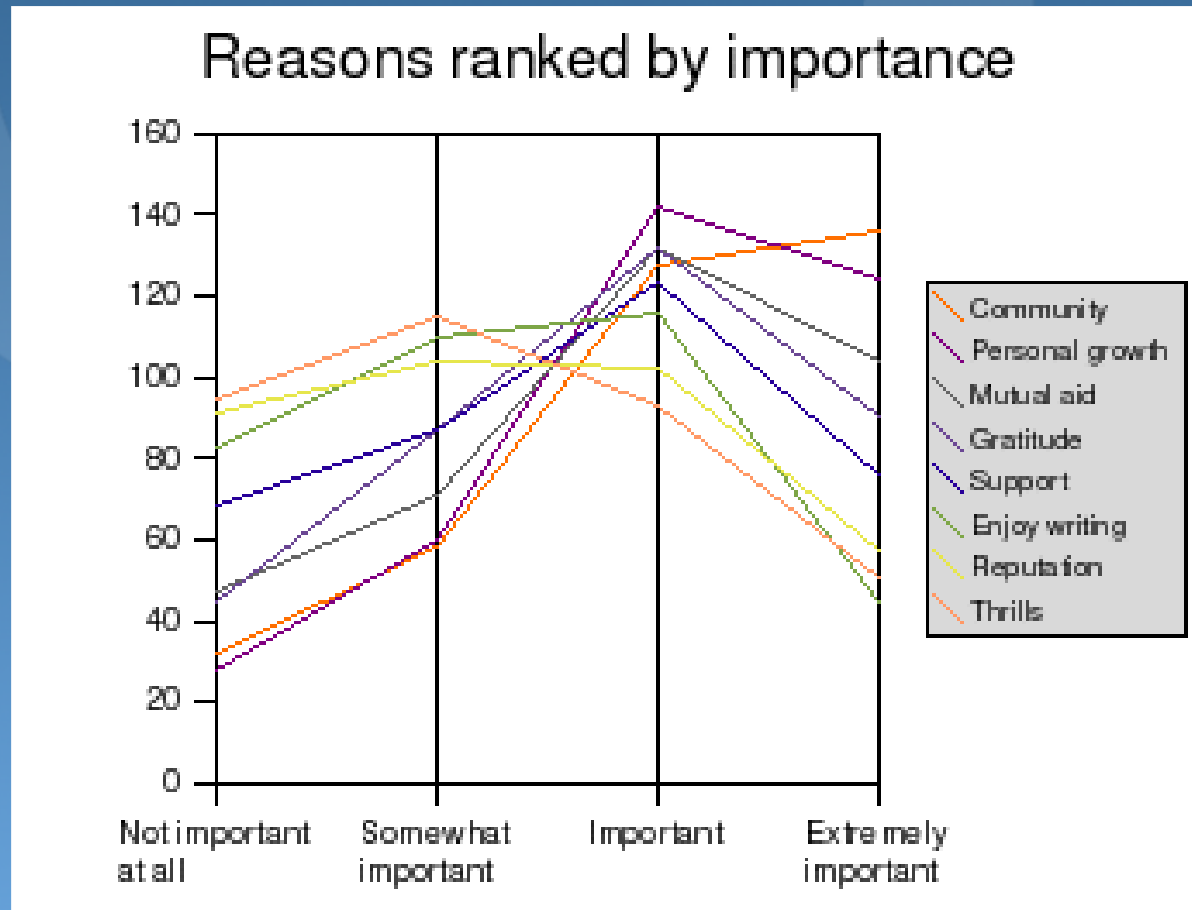
Fun

Community  
Mutual aid  
Gratitude  
Informal support (maybe)

Personal growth  
Reputation building  
Informal support (maybe)

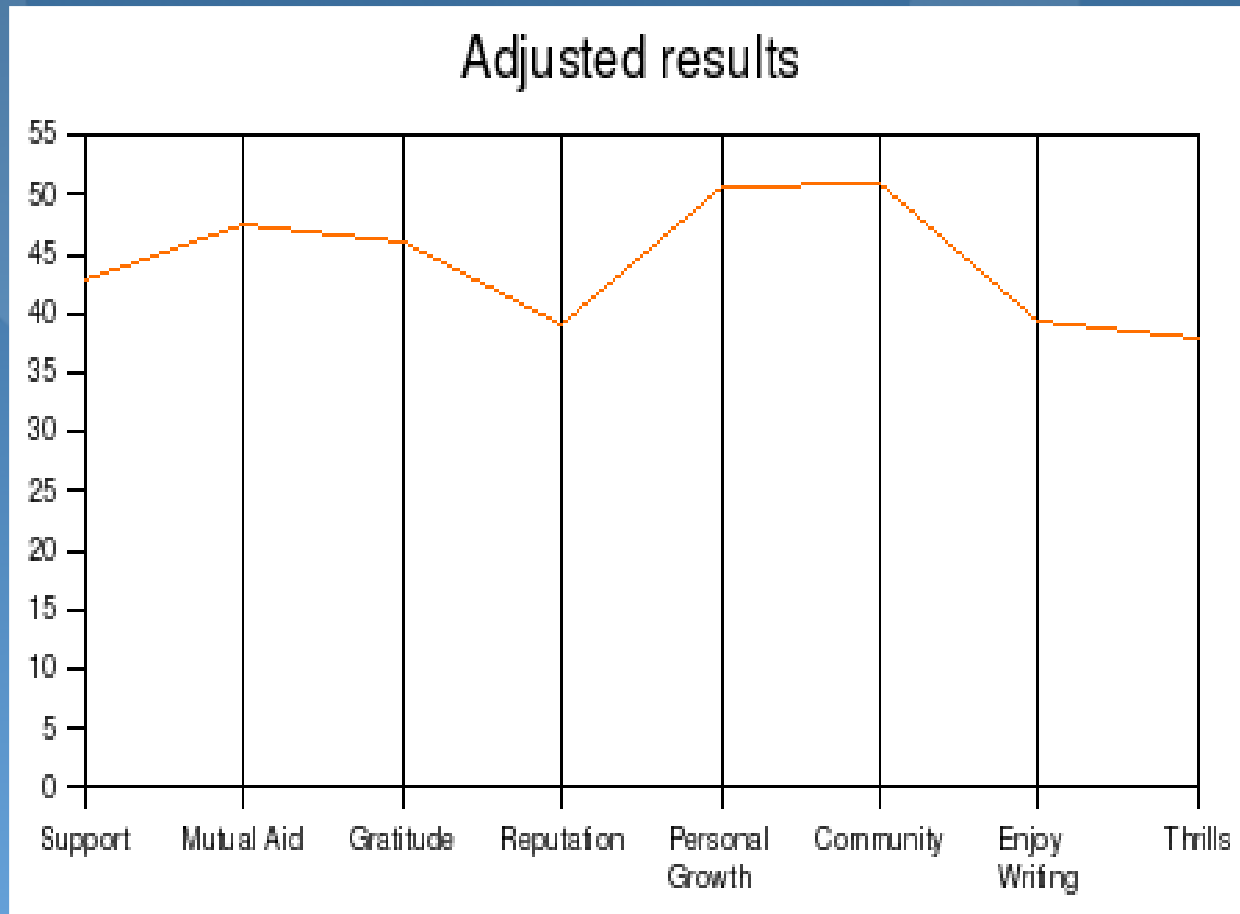
The enjoyment of writing  
Thrills

# What Reasons Are Most Important?





# Number of Ratings for Each Reason



# Lessons From Survey

- People are generous and altruistic
- Community-building is the prime motivation
- Reputation is also important

# Suggestions for Increasing Participation

- Don't get in the way of people's natural urge to help others
- Consider stronger reputation systems, which might encourage participation by the most knowledgeable members of the community

Study:

How effective are online forums?

# How Many Questions Were Answered?

Unanswered

▶ Answered

7

Fedora Linux

7

7

Ubuntu Linux

7

7

Rails

7

5

Perl

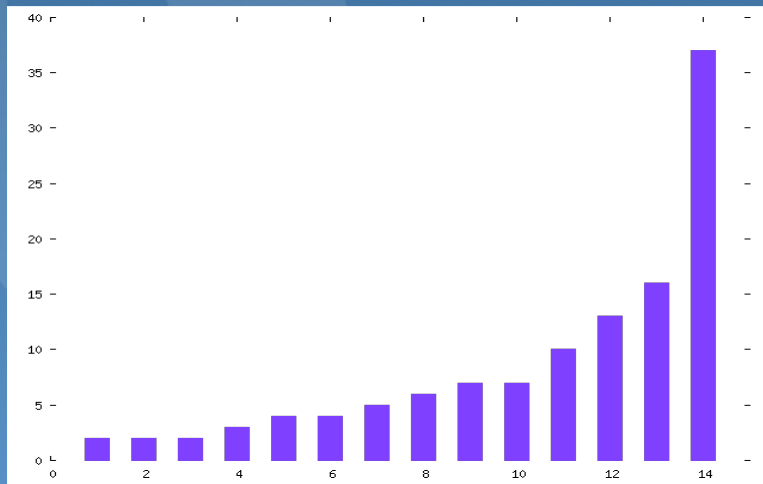
9



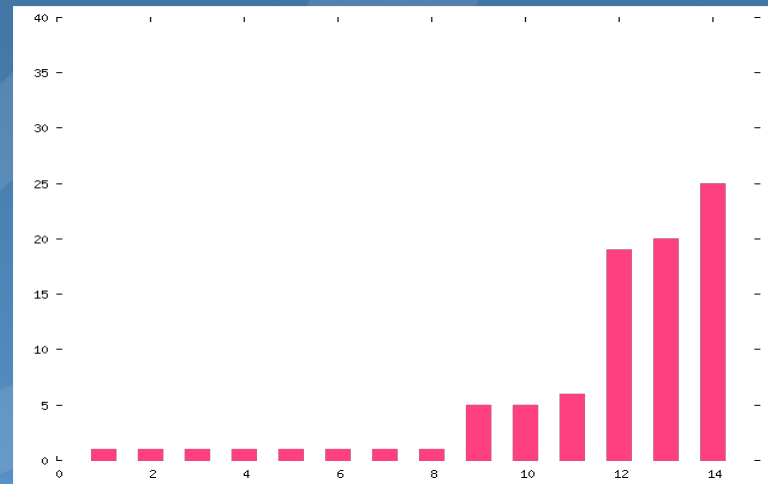
# Are the Forums Effective?



# Responses to Each Question (Linux)



Answered



Unanswered

# Lessons From Study

- Only half of mailing list questions receive successful answers
- Respondents don't invest much effort
- Many people come with insufficient background, and the lists do not provide them with this background

# General Lessons

- The community can't do it alone
- Professional, formal material and informal help forums can be a powerful combination, complementing each other
- **Effort always proportional to return**





# Beyond Numbers: Gatekeeper Effects and Just-in-Time Publishing

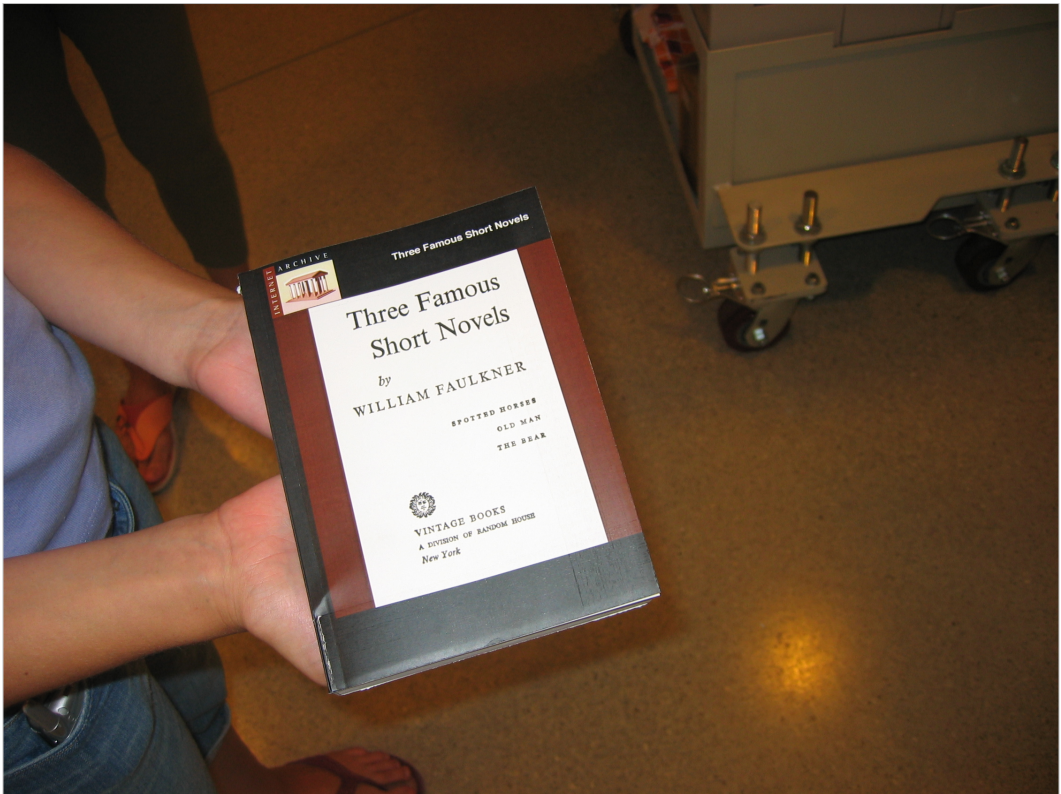
Karl Fogel  
kfogel@questioncopyright.org

# Beyond Numbers: Gatekeeper Effects and Just-in-Time Publishing

Karl Fogel  
kfogel@questioncopyright.org







Three Famous Short Novels

VINTAGE ARCHIVE

Three Famous Short Novels

by WILLIAM FAULKNER

SPOTTED HORSES  
OLD MAN  
THE BEAR

VINTAGE BOOKS  
A DIVISION OF RANDOM HOUSE  
New York





Yes, it's kind of big.

Yes, it's kind of big.

How big?

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

Length:  $8\frac{1}{3}$  ft

Depth: 5 ft

Height: 5 ft

\$300-\$1000 sq/ft



Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$30,000.00

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day  
→ 12,480 books/year

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$40,000.00

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day  
→ 12,480 books/year  
→ \$6.50 space cost

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$30,000.00

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day  
→ 12,480 books/year  
→ \$6.50 space cost  
→ \$3.50 materials costs



Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ **\$40,000.00**

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day  
→ 12,480 books/year  
→ \$6.50 space cost  
→ \$3.50 materials costs

Length:  $8\frac{1}{3}$  ft  
Depth: 5 ft  
Height: 5 ft

\$300-\$1000 sq/ft  
→ \$40,000.00

\$3.50 (= 350 pages @ 1¢)  
~10 min/book = 48 books/day  
→ 12,480 books/year  
→ \$6.50 space cost  
→ \$3.50 materials costs

**appx \$10.00 base cost**

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
  - "YALO"
  - $a$
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
  - Print two, they're small!
  - Anticipate demand during idle time
  - Sell market information to large-scale publishers
  - Used bookstores become the norm
- Sensitive to customer preferences
- Reader-author, reader-reader participation



# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
  - Print two, they're small!
  - Anticipate demand during idle time
  - Sell market information to large-scale publishers
    - *Be a large-scale publisher*
  - Used bookstores become the norm
- Sensitive to customer preferences
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
  - Get it in the font you want.
  - Get it at the quality you want.
  - “Staff Picks” → “Customer Picks”
- Reader-author, reader-reader participation

# Same Costs, Different Dynamics

- Higher base means lower incidentals
- Real-time market information
- Sensitive to customer preferences
- Reader-author, reader-reader participation
  - Fan fiction
  - Translations
  - Grass-roots anthologization
  - Abridgements (authorized and unauthorized)
  - Handicapped access that tracks reality

# Economic Models

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

## The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



## The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

## The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

## The “Author-Approved” Mark

[a]

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

## The “Author-Approved” Mark



[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark

© Mark Helprin

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



# The “Author-Approved” Mark

 Mark Helprin

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)

# The “Author-Approved” Mark

## Mark Helprin *Subscribers*

Wang Ling  
Madeleine Smith  
Joe Orton  
Greg Hudson  
Marie Fitzpatrick  
Daniel Stenberg  
Amy Pilato  
Kevin Pilch-Bisson  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Karen Underhill  
Nuutti Kotivuori  
Isabel Ringing

Jim Blandy  
Frances Collins  
The Ford Foundation  
Greg Hudson  
Brian W. Fitzpatrick  
Daniel Stenberg  
C. Michael Pilato  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Sander Striker  
Nuutti Kotivuori  
David Kimdon  
Shirley Yujest

Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

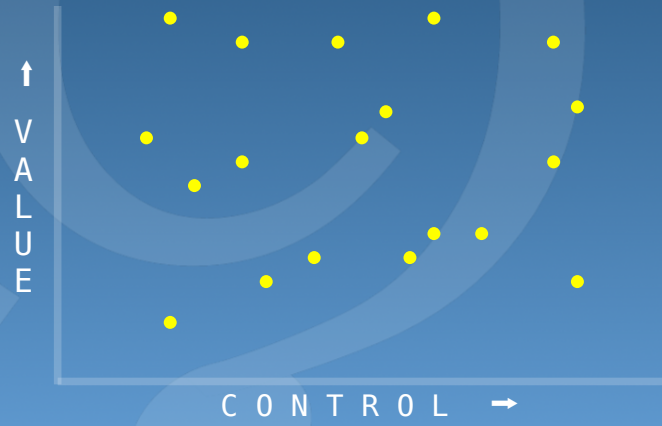
# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)



# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

# The Balanced Buyout System



[http://www.questioncopyright.org/balanced\\_buyout](http://www.questioncopyright.org/balanced_buyout)

# The Threshold Pledge System



[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# The Threshold Pledge System

fundable.org  
pledgebank.com  
propagateltd.com  
digitalartauktion.com  
micropledge.com

[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# The Threshold Pledge System

fundable.org  
pledgebank.com  
propagateltd.com  
digitalartauction.com  
micropledge.com  
strayform.com

[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)



# The Threshold Pledge System



[http://www.questioncopyright.org/promise#threshold\\_pledge](http://www.questioncopyright.org/promise#threshold_pledge)

# What are publishers?

What are publishers?

*endorsing authorities*

What are publishers?

*endorsing authorities*

*authenticity providers*

# The “Author-Approved” Mark

## Mark Helprin *Subscribers*

Wang Ling  
Madeleine Smith  
Joe Orton  
Greg Hudson  
Marie Fitzpatrick  
Daniel Stenberg  
Amy Pilato  
Kevin Pilch-Bisson  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Karen Underhill  
Nuutti Kotivuori  
Isabel Ringing

Jim Blandy  
Frances Collins  
The Ford Foundation  
Greg Hudson  
Brian W. Fitzpatrick  
Daniel Stenberg  
C. Michael Pilato  
Philip Martin  
Justin Erenkrantz  
Garrett Rooney  
Blair Zajac  
Sander Striker  
Nuutti Kotivuori  
David Kimdon  
Shirley Yujest

Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...  
Etc, etc, etc...

[http://www.questioncopyright.org/author\\_approved\\_mark](http://www.questioncopyright.org/author_approved_mark)



# Attribution Conventions

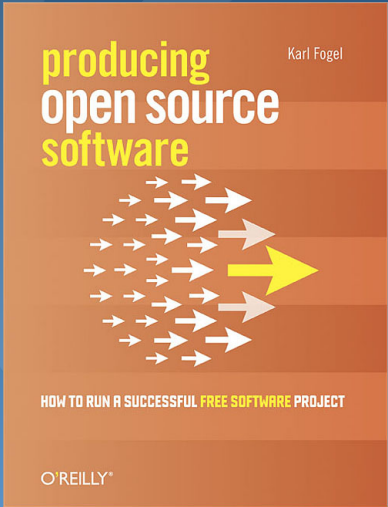
copyright  $\neq$  trademark

copyright violation  $\neq$  plagiarism

## More Fries With That...

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

# Volunteer Translation: A Case Study



# “Producing Open Source Software”

[producingoss.com](http://producingoss.com)



## “Producing Open Source Software”

*Open Licence →  
Open Community*

[producingoss.com](http://producingoss.com)

Producing Open Source Software - Iceweasel

File Edit View History Bookmarks Tools Help

http://producingoss.com/

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google



# 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.

*Producing Open Source Software* is released under an [open copyright](#) that allows everyone to share and modify the book freely. The latest version is always here. The online version is the same as the commercially available print version — in other words, you can buy a printed copy and know that it's up-to-date. When and if there are significant differences, we will list them here.

- [Read online as multiple HTML pages \(faster to load\)](#)
- [Read online as a single HTML page \(slower to load\)](#)
- [Read reviews of this book](#)
- [Order it from O'Reilly Media](#)
- [Visit the book's version control repository](#)
- [Download PDF](#)
- [Download all formats at once \(XML, HTML, PDF\)](#)
- [Download RocketBook](#)

Done




Producing Open Source Software - Iceweasel

File Edit View History Bookmarks Tools Help

http://producingoss.com/

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google



# 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.

*Producing Open Source Software* is released under an open copyright that allows everyone to share and modify the book freely. The latest version is always here. The online version is the same as the commercially available print version — in other words, you can buy a printed copy and know that it's up-to-date. When and if there are significant differences, we will list them here.

- Read online as multiple HTML pages (faster to load)
- Read online as a single HTML page (slower to load)
- Read reviews of this book
- Order it from O'Reilly Media
- Visit the book's version control repository
- Download PDF
- Download all formats at once (XML, HTML, PDF)
- Download RocketBook


Done

Translations of "Producing Open Source Software" - Iceweasel

File Edit View History Bookmarks Tools Help

http://producingoss.com/translations.html

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google

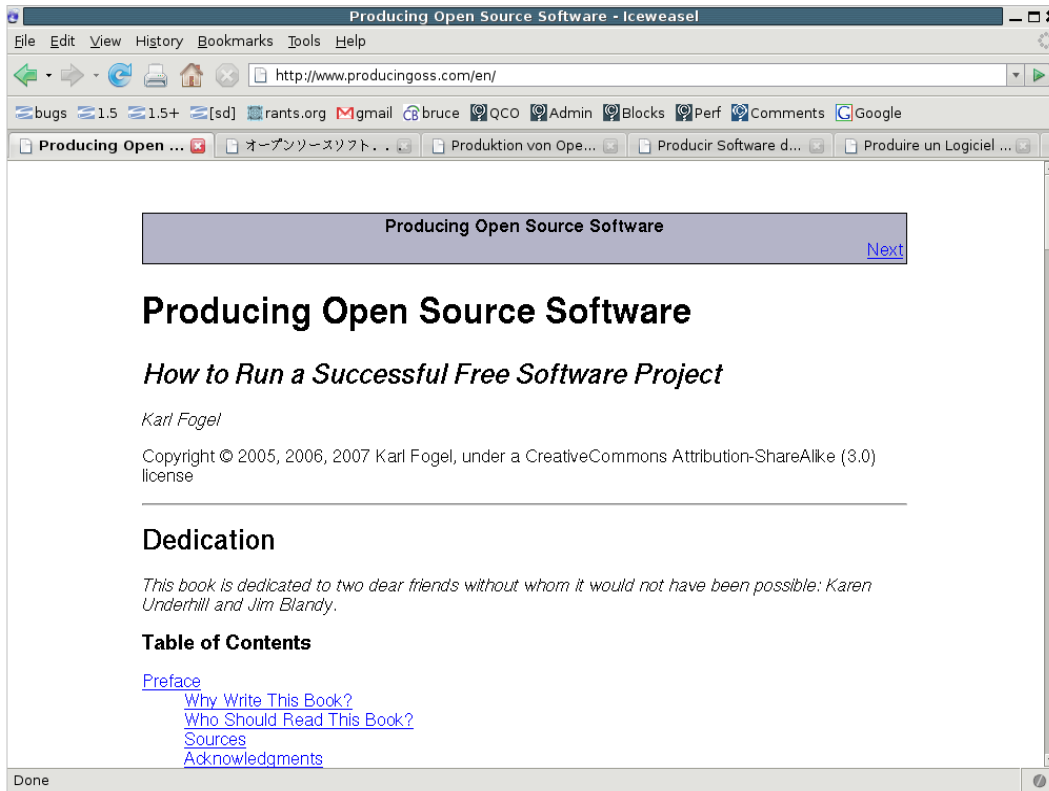


## Translations of Producing Open Source Software

People are already at work translating *Producing Open Source Software* into other languages. If you'd like to start or help with a translation, please [let me know](#). We'll give you commit access to the [book's repository](#) and put you on a mailing list with other translators. Our goal is to make it as easy as possible for you to translate, and we'll continue to host the translation here after it's done.

- **Deutsch (German)**  
*Manuel Barkhau, Sebastian Menge*
- **日本語 (Japanese)**  
*高木 正弘 (TAKAGI Masahiro), Takaoka Yoshinari*
- **Español (Spanish)**  
*Rafael Martilotti, Alejandro Ayuso, Francisco Urbano García, José Manuel Puerta Peña, Pedro Andrés Bonilla Polo, Christian López Espinola*
- **Français (French)**  
*Étienne Savard, Bertrand Florat*

Done



オープンソースソフトウェアのつくりかた - Iceweasel

File Edit View History Bookmarks Tools Help

http://www.producingoss.com/ja/

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google

Producin... オープ... Produkti... Producir ... Produire ... Produrre... Produzir ... Produkcj... rants.org

オープンソースソフトウェアのつくりかた [次のページ](#)

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

Fogel Karl [FAMILY Given]  
(著者)

高木 正弘 [FAMILY Given]  
(翻訳者)

Takaoka Yoshinari [FAMILY Given]  
(翻訳者)

製作著作 © 2005, 2006, 2007 Karl Fogel, 高木正弘, Yoshinari Takaoka, under a Creative Commons Attribution-ShareAlike (表示・継承) license (3.0)

---

謝辞

...

Done

Produktion von Open Source Software - Iceweasel

File Edit View History Bookmarks Tools Help

http://www.producingoss.com/de/

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google

Producin... オープン... Prod... Producir ... Produire ... Produrre... Produzir ... Produkcj... rants.org

Produktion von Open Source Software [Weiter](#)

## Produktion von Open Source Software

### *Wie man ein erfolgreiches freies Software Projekt führt*

*Karl Fogel*  
(Author)

*Manuel Barkhau*  
(Deutsche Übersetzung)

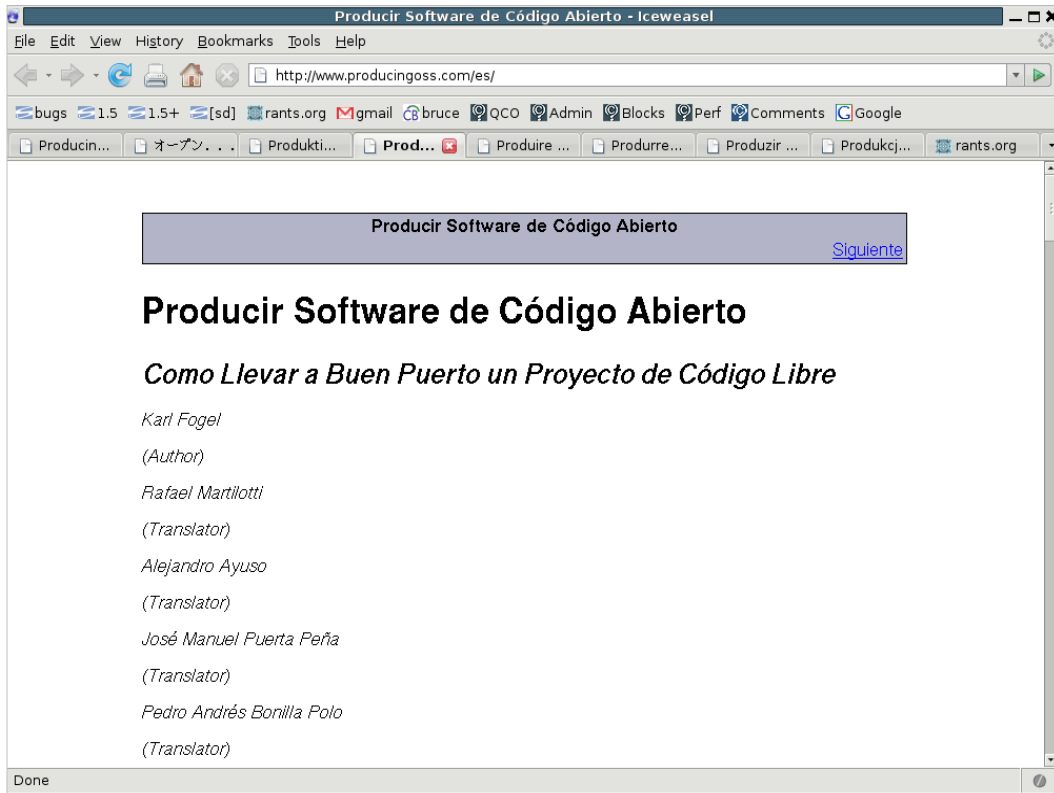
*Sebastian Menge*  
(Deutsche Übersetzung)

Copyright © 2005, 2006, 2007 Karl Fogel, Manuel Barkhau, Sebastian Menge, unter einer CreativeCommons Lizenz (BY-SA 3.0). Sie dürfen den Inhalt vervielfältigen verbreiten und bearbeiten, unter der Bedingung, dass Sie den Namen des Authors nennen und abgeleitete Werke unter der gleichen Lizenz stellen.

---

### Widmung

Done



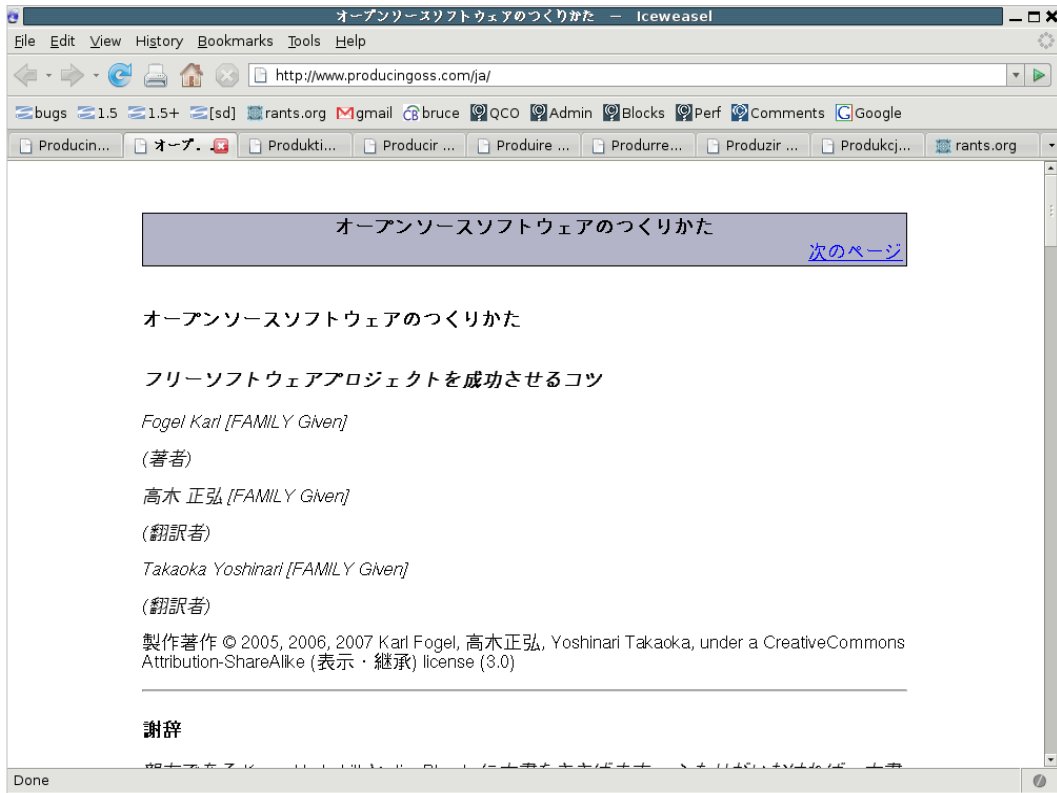




# Optimize For Participation

- Make it easy and they will come
- Ensure accurate attribution
  - No monopolies 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

File Edit View History Bookmarks Tools Help

http://www.producingoss.com/ja/

bugs 1.5 1.5+ [sd] rants.org gmail bruce QCO Admin Blocks Perf Comments Google

Producing Open So... オープンソースソフ... Produktion von Ope... Producir Software d... Produire un Logiciel ...

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でしょう。

目次

[序文](#)

- [この本を書いた理由は?](#)
- [どんな人たちに読んでほしい?](#)
- [情報源](#)
- [謝辞](#)
- [免責](#)

1. 導入

- [歴史](#)
- [独占的なソフトウェアとフリーソフトウェア](#)
- [意識的な抵抗](#)
- [無意識な抵抗](#)
- [「フリー」と「オープンソース」の違い](#)
- [現状](#)

2. さあ始めましょう

- [手持ちのもので始めよう](#)
- [名前の決定](#)
- [明確な目標を掲げる](#)
- [フリーであることを宣言する](#)
- [機能一覧・要件一覧](#)
- [開発の進捗状況](#)
- [ダウンロード](#)
- [バージョン管理システムやバグトラッカーへのアクセス](#)
- [連絡手段](#)
- [開発者向けのガイドライン](#)
- [ドキュメント](#)
- [ドキュメントの公開方法](#)

Done

オープンソースソフトウェアのつくりかた - Iceweasel

File Edit View History Bookmarks Tools Help

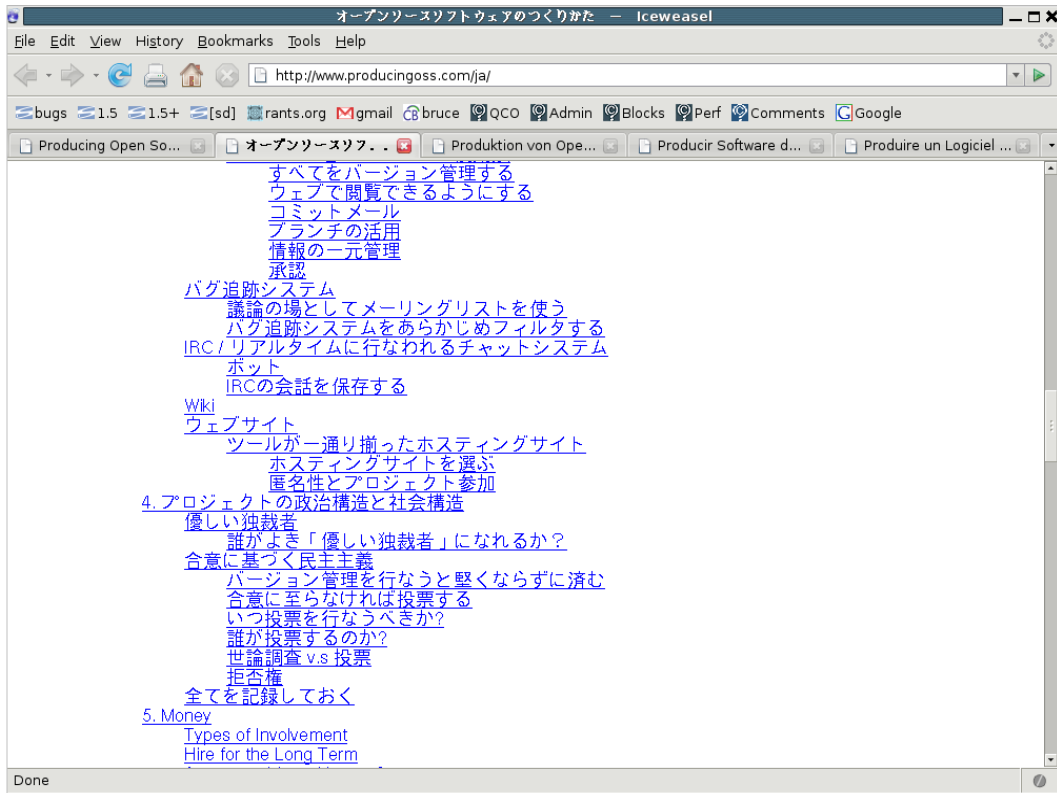
http://www.producingoss.com/ja/

bugs 1.5 1.5+ [sd] rants.org Gmail bruce QCO Admin Blocks Perf Comments Google

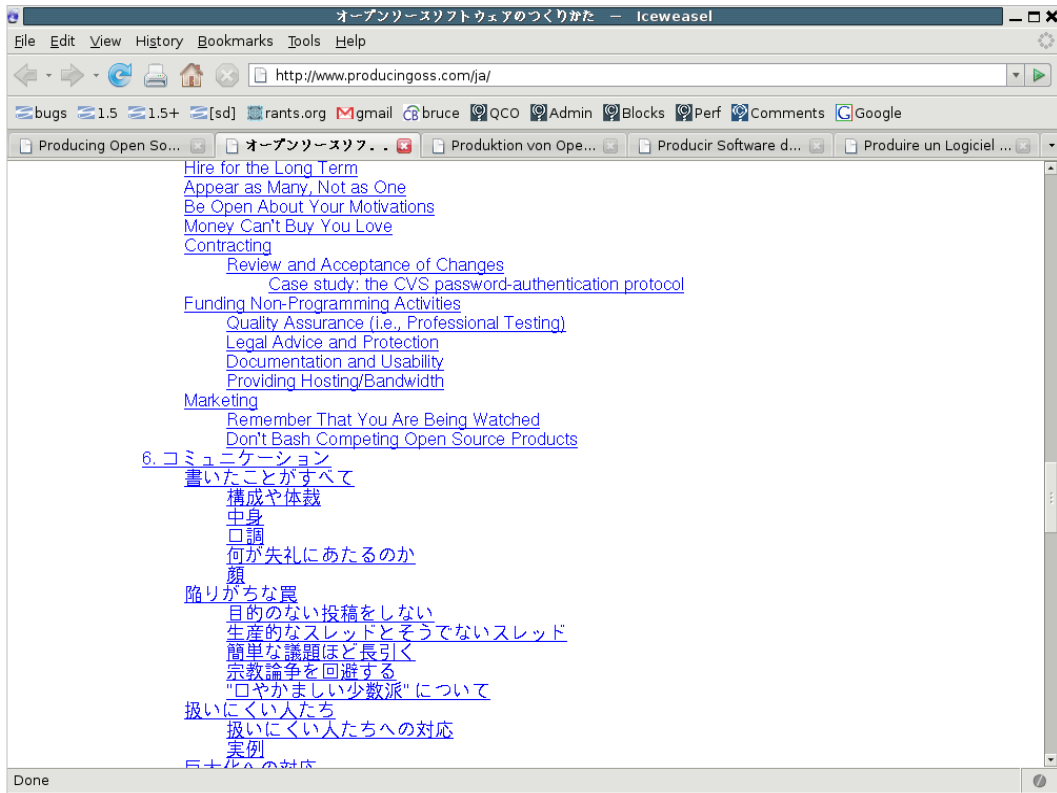
Producing Open So... オープンソースソフト... Produktion von Ope... Producir Software d... Produire un Logiciel ...

- [ドキュメントの公開方法](#)
- [開発者向けドキュメント](#)
- [使用例とスクリーンショット](#)
- [公開場所](#)
- [ライセンスの選択と適用](#)
- [「何でもできる」ライセンス](#)
- [GPL](#)
- [ライセンスを適用する方法](#)
- [うまく引っぱり張っていく](#)
- [個人的な議論を避ける](#)
- [炎上を阻止する](#)
- [きちん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きには、変化の大きさに気をつけよう](#)
- [広報](#)
- [3. 技術的な問題](#)
  - [プロジェクトに必要なもの](#)
  - [メーリングリスト](#)
    - [スパム対策](#)
    - [投稿のフィルタリング](#)
    - [アーカイブでのメールアドレスの処理](#)
  - [識別しやすいヘッダ](#)
  - [Reply-to はどうすべきか](#)
  - [私のふたつの夢](#)
  - [アーカイブ](#)
  - [ソフトウェア](#)
- [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](#)

Done







オープンソースソフトウェアのつくりかた - Iceweasel

File Edit View History Bookmarks Tools Help

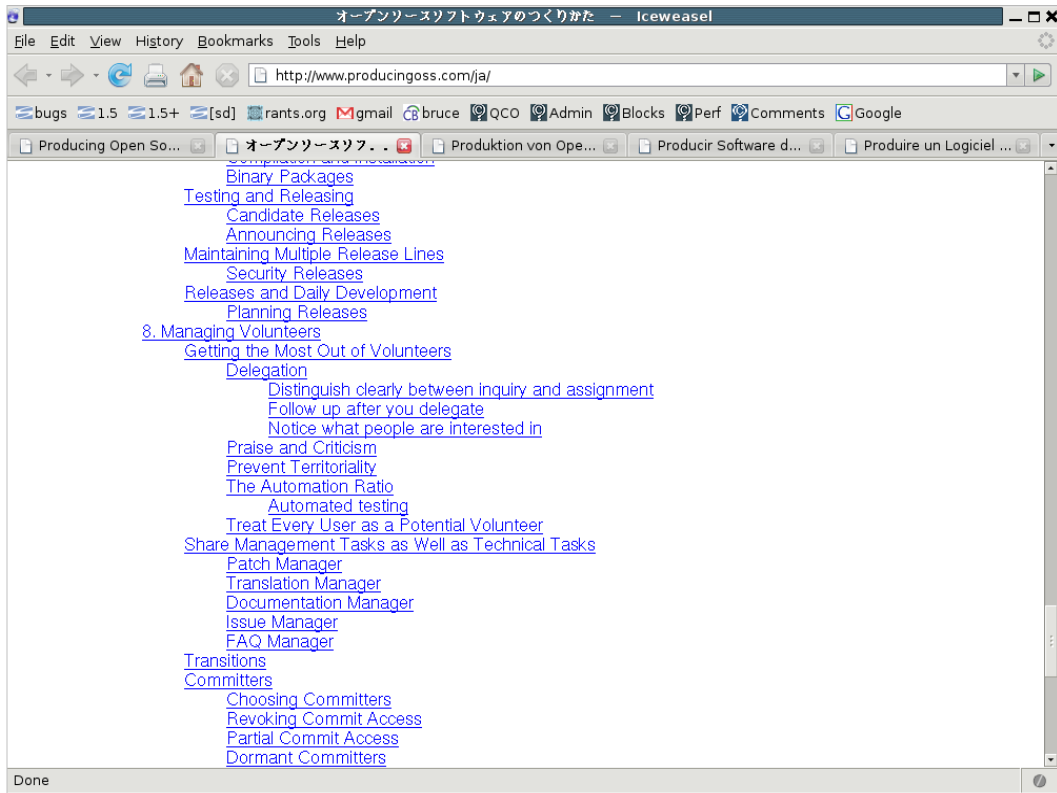
http://www.producingoss.com/ja/

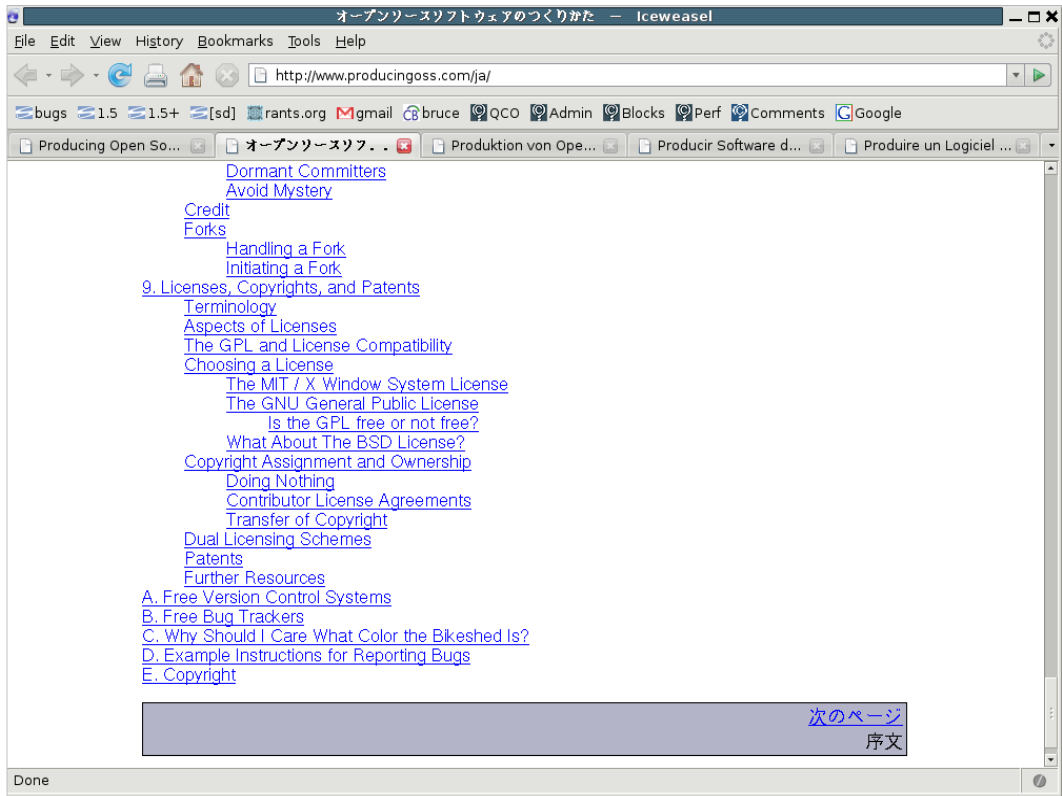
bugs 1.5 1.5+ [sd] rants.org Gmail bruce QCO Admin Blocks Perf Comments Google

Producing Open So... オープンソースソフ... Produktion von Ope... Producir Software d... Produire un Logiciel ...

- [表列](#)
- [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](#)
  - [リリースブランチ](#)
    - [リリースブランチの使い方](#)
  - [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](#)

Done







Andy Oram

`andy@oreilly.com`

`http://www.oreillynet.com/pub/au/36`

Survey:

Why do people contribute  
information for free?



# Eight Reasons for Helping

Community  
building

Self-  
centered

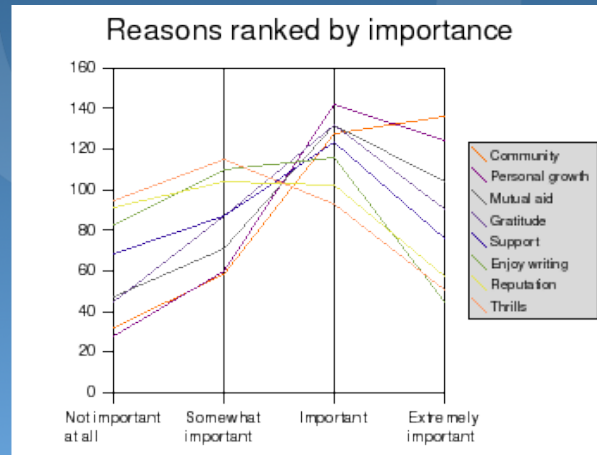
Fun

Community  
Mutual aid  
Gratitude  
Informal support  
(maybe)

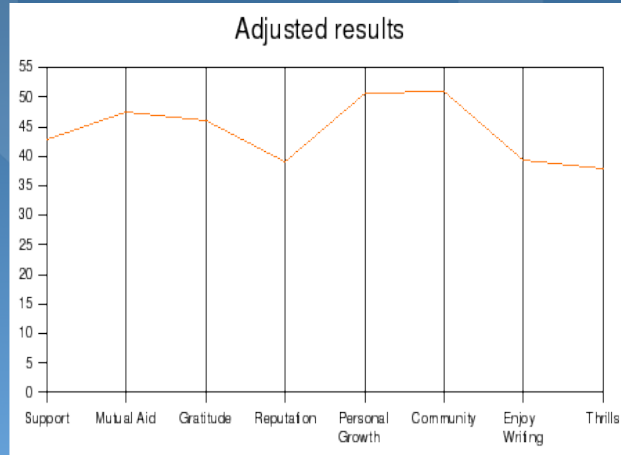
Personal growth  
Reputation building  
Informal support  
(maybe)

The enjoyment of  
writing  
Thrills

# What Reasons Are Most Important?



# Number of Ratings for Each Reason



# Lessons From Survey

- People are generous and altruistic
- Community-building is the prime motivation
- Reputation is also important

## Suggestions for Increasing Participation

- Don't get in the way of people's natural urge to help others
- Consider stronger reputation systems, which might encourage participation by the most knowledgeable members of the community

Talk about how when C. Michael Pilato was hired by CollabNet to work on Subversion, he still didn't get commit access until he had posted patches to the mailing list, had them reviewed, and been voted on by the community.

Study:  
How effective are online forums?



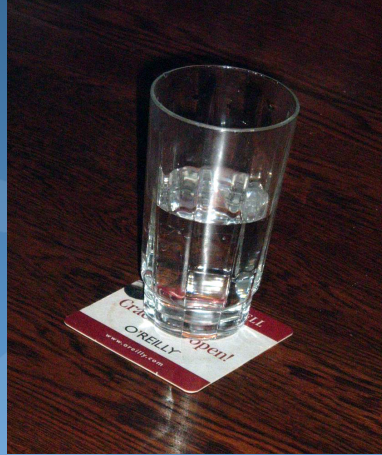
# How Many Questions Were Answered?

Unanswered

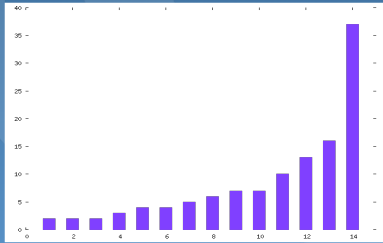
▶ Answered

7	Fedora Linux	7
7	Ubuntu Linux	7
7	Rails	7
5	Perl	9

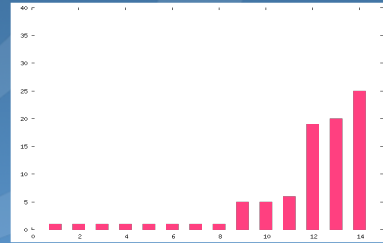
# Are the Forums Effective?



# Responses to Each Question (Linux)



Answered



Unanswered

# Lessons From Study

- Only half of mailing list questions receive successful answers
- Respondents don't invest much effort
- Many people come with insufficient background, and the lists do not provide them with this background

# General Lessons

- The community can't do it alone
- Professional, formal material and informal help forums can be a powerful combination, complementing each other
- **Effort always proportional to return**





# Beyond Numbers: Gatekeeper Effects and Just-in-Time Publishing

Karl Fogel  
kfogel@questioncopyright.org