

Understanding Open Source And Free Software Licensing

"This book is a collection of empirical research regarding the status of F/OSS projects, presenting a framework and state-of-the-art references on F/OSS projects, reporting on case studies covering a wide range of F/OSS applications and domains. It asserts trends in the evolution of software practices and solutions to the challenges ubiquitous nature free and open source software provides"--Provided by publisher.

This book provides something far more valuable than either the cheerleading or the fear-mongering one hears about open source. The authors are Dan Woods, former CTO of TheStreet.com and a consultant and author of several books about IT, and Gautam Guliani, Director of Software Architecture at Kaplan Test Prep & Admissions. Each has used open source software for some 15 years at IT departments large and small. They have collected the wisdom of a host of experts from IT departments, open source communities, and software companies. Open Source for the Enterprise provides a top to bottom view not only of the technology, but of the skills required to manage it and the

organizational issues that must be addressed.

Das Buch bietet für den deutschsprachigen Bereich erstmals eine wirtschaftliche und technische Betrachtung und Analyse eines immer wichtiger werdenden Modells der Softwareentwicklung und -lizenzierung. Es gibt zunächst eine Übersicht über den deutschen Softwaremarkt, stellt dann die verschiedenen Erscheinungsformen von Open-Source-Software (OSS) dar, beleuchtet die technischen Aspekte der Erstellung und des Einsatzes von OSS und analysiert sowohl die Motivation von Privatpersonen als auch von Unternehmen OSS zu entwickeln und einzusetzen. Insbesondere werden auch die wettbewerbsstrategischen und die betriebswirtschaftlichen Dimensionen dieser sich rasch ausbreitenden Vorgehensweise erörtert. Darauf aufbauend werden die wirtschaftlichen Auswirkungen von OSS auf die deutsche Softwareindustrie sowie wirtschaftspolitische Aspekte von OSS untersucht.

Open-source software' ('OSS') is computer code with its origin code produced accessible and accredited with a Open-source license in that the copyright owner delivers the claims to research, change and disperse the code to anybody and aimed at whatever aim. Open-source code is real frequently elaborated in a common, Collaborative code creation way. Open-source code is the most important illustration of open-source creation and frequently contrasted to

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(technically defined) user-generated subject matter either (legally defined) open-content moves. There has never been a Open-Source Software Guide like this. It contains 243 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This Guide introduces what you want to know about Open-Source Software. A quick look inside of some of the subjects covered: HTC Dream - Development and modding, Emergent behavior - Spontaneous order, F-Droid, Yellowdog Updater, Modified - History, Educational software - Assessment software, Open source - Computer software, Personal computer, Emergence - Spontaneous order, Open source - Media, Comparison of open source and closed source, Free and open source - Advantages and benefits of free and open-source software, Open-source software - Funding, GNU GRUB - Variants, Digital Revolution - Information sharing and privacy, Google Inc. - Other products, ExcelPackage, LAMMPS, List of Linux adopters - Government, Linux distribution - Components, IONA Technologies - IONA and open source, Ubuntu Linux - Publicized large-scale deployments, Free software Licensing, Free and open-source software - Advantages and benefits of free and open-source software,

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Raspberry Pi - Third-party system software, AppScale, Threading Building Blocks, and much more...

Open Source Systems Security Certification discusses Security Certification Standards and establishes the need to certify open source tools and applications. This includes the international standard for the certification of IT products (software, firmware and hardware) Common Criteria (ISO/IEC 15408) (CC 2006), a certification officially adopted by the governments of 18 nations. Without security certification, open source tools and applications are neither secure nor trustworthy. Open Source Systems Security Certification addresses and analyzes the urgency of security certification for security-sensible markets, such as telecommunications, government and the military, through provided case studies. This volume is designed for professionals and companies trying to implement an Open Source Systems (OSS) aware IT governance strategy, and SMEs looking to attract new markets traditionally held by proprietary products or to reduce costs. This book is also suitable for researchers and advanced-level students. From the Internet's infrastructure to operating systems like GNU/Linux, the open source movement comprises some of the greatest accomplishments in computing over the past quarter century. Its story embraces technological advances, unprecedented global collaboration, and remarkable tools for

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facilitating distributed development. The evolution of the Internet enabled an enormous expansion of open development, allowing developers to exchange information and ideas without regard to constraints of space, time, or national boundary. The movement has had widespread impact on education and government, as well as historic cultural and commercial repercussions. Part I discusses key open source applications, platforms, and technologies used in open development. Part II explores social issues ranging from demographics and psychology to legal and economic matters. Part III discusses the Free Software Foundation, open source in the public sector (government and education), and future prospects.

Open Source Software Development offers the first serious (and academically rigorous) study of the OSS phenomenon. The authors examine several key aspects of OSS, for example: Definitions of OSS and Free Software, including a comprehensive guide to both OSS and non-OSS software licences. Profiles of key OSS products, projects, companies and organisations. Analysis of the technological motivations for OSS development, with explicit reference to the possibility of OSS addressing the "software crisis."

This book is a user manual for understanding and deployment of open source software licensing in business. Written for lawyers and businesspeople alike, it

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explains and analyzes open source licensing issues, and gives practical suggestions on how to deal with open source licensing in a business context. Including useful forms, information, and both technical and licensing background, this book will help you avoid legal pitfalls and educate your organization about the risks of open source.

"This book presents learning and knowledge management from a point of view where the basic tools and applications are provided by open source technologies. It explains an intense orientation to the critical issues of the open source paradigm: open source tools, applications, social networks, and knowledge sharing in open source communities"--Provided by publisher.

Request a FREE 30-day online trial to this title at www.sagepub.com/freetrial

This two-volume encyclopedia provides a thorough introduction to the wide-ranging, fast-developing field of social networking, a much-needed resource at a time when new social networks or "communities" seem to spring up on the internet every day. Social networks, or groupings of individuals tied by one or more specific types of interests or interdependencies ranging from likes and dislikes, or disease transmission to the "old boy" network or overlapping circles of friends, have been in existence for longer than services such as Facebook or YouTube; analysis of these networks emphasizes the relationships within the

network . This reference resource offers comprehensive coverage of the theory and research within the social sciences that has sprung from the analysis of such groupings, with accompanying definitions, measures, and research. Featuring approximately 350 signed entries, along with approximately 40 media clips, organized alphabetically and offering cross-references and suggestions for further readings, this encyclopedia opens with a thematic Reader's Guide in the front that groups related entries by topics. A Chronology offers the reader historical perspective on the study of social networks. This two-volume reference work is a must-have resource for libraries serving researchers interested in the various fields related to social networks.

Moderne Industrie- und Dienstleistungsgesellschaften sind in starkem Maße abhängig vom ordnungsgemäßen Funktionieren von Softwaresystemen. Über das ideale Vorgehen bei der Softwareentwicklung besteht in Fachkreisen jedoch selbst nach mehreren Jahrzehnten akademischer Forschung noch große Uneinigkeit. Mittlerweile existiert eine fast unüberschaubare Zahl an Vorgehensmodellen und Methoden der Softwareentwicklung, die miteinander in Konkurrenz stehen. Die vorliegende Arbeit hat deshalb bewusst nicht die Schaffung eines weiteren Vorgehensmodells für die Softwareentwicklung zum Gegenstand, sondern will das Verständnis über den richtigen Umgang mit den

existierenden Entwicklungsansätzen und deren Vorgehensmodellen fördern. Neben der traditionellen und der agilen Vorgehensweise der Softwareentwicklung gewinnt der Bereich der Open-Source-Software große Bedeutung – seit einigen Jahren auch aus kommerzieller Sicht. Das Vorgehensmodell bei dieser Art der 'freien' Software unterscheidet sich so grundlegend von der traditionellen und der agilen Weise, dass eine Untersuchung von insgesamt drei Ansätzen sinnvoll erscheint.

In der Literatur gibt es keinen detaillierten Vergleich von Open-Source-Lizenzen. Es finden sich lediglich, im Kontext anderer Thematiken, einige kürzere Vergleiche von Lizenzen. Dieses Buch soll einen Einstieg in diese Thematik ermöglichen und eine Entscheidungshilfe für Unternehmen bieten, die mit Open Source in Berührung kommen. Bei der Veröffentlichung einer Open Source Software kann die richtige Wahl einer Open-Source-Lizenz ein Hindernis darstellen, denn es existieren über 200 verschiedene Typen. Schon die Recherche nach einer „optimalen“ Lizenz für die eigene Software, kann einen erheblichen zeitlichen Aufwand und hohe Kosten verursachen. Daher ist es vorstellbar, dass Unternehmen ihre Software nicht als Open Source veröffentlichen, da die anfallenden Kosten für die Recherche zu hoch und die positive Aspekt schwer abschätzbar sind. Einerseits ist die Entscheidungshilfe für

Unternehmen, die Software entwickeln und beabsichtigen, diese als Open Source zu veröffentlichen. Des Weiteren dient sie Unternehmen, die Open-Source- Software einsetzen oder in Zukunft einsetzen wollen. Hierzu werden die Open- Source- Lizenzen grob in vier Kategorien unterteilt und zu jeder Kategorie exemplarisch eine verbreitete Lizenz näher betrachtet. Der Vergleich der Open-Source- Lizenzen konzentriert sich auf die Rechte und Pflichten der Lizenznehmer. Eine genauere rechtliche Analyse von einzelnen Lizenzen ist nicht Teil dieses Buches. Dazu finden sich im Literaturverzeichnis einige Werke, die diese Thematik behandeln. Dennoch wird auf einige rechtliche Details eingegangen. Allerdings wird das Patentrecht nicht näher betrachtet. Hier existiert ein nicht einheitlicher Umgang mit der Patentierbarkeit von Software. Das Buch behandelt ebenfalls keine Analyse möglicher Lizenzkosten, da diese im Zusammenhang von Open- Source- Software nicht entstehen. Lizenzarten, wie Einzel- oder Mehrplatzlizenzen, sind nur bei kommerzieller Software relevant. Eine nähere Betrachtung anderer Lizenzmodelle, als Free Software bzw. Open Source, würde daher den Rahmen dieses Buches übersteigen. In der rechtlichen Einordnung der Open- Source- Lizenzen nach dem Bürgerlichen Gesetzbuch, ist die Literatur in der Frage, ob Open- Source- Lizenzen einen eigenen Vertragstypen bilden oder unter das Schenkungsrecht fallen, noch zu keiner

endgültigen Festlegung gelangt.

Leading Free and Open Source software researchers and analysts consider the status of the open source revolution and its effect on industry and society.

This unique and comprehensive resource provides you with a broad introduction to the area of software licensing in the information age. The book helps you to understand the basic philosophy and key issues of open source software development and offers expert guidance on how to draft an open source license. Drawing on the author's legal and technical background, this invaluable reference explains the legal framework that has been developed to support the increasingly popular internet-based open source and free software community.

This book collects the proceedings of the Second International Conference on Open Software - OSS 2006, held in Como, Italy in June, 2006, where researchers from all over the world discussed how OSS is produced, its huge potential for innovative applications and in groundbreaking OSS business models. The book takes an important step toward appreciation of the OSS phenomenon, presenting 20 refereed full papers and 12 more in shorter form. This handbook of research is one of the few texts to combine Open Source Software (OSS) in public and private sector activities into a single reference source. It examines how the use of OSS affects practices in society, business,

government, education, and law.

Anhand eines Marktspiegels erhalten Anwender mit dem Buch einen Überblick über die am Markt angebotene Free and Open Source (FOS) Software im Bereich der Enterprise Resource Planning Systeme (ERP-Systeme). FOS Software ist ein idealer Ansatz zur Kostenminimierung im IT-Bereich – dies gilt insbesondere für FOS ERP-Systeme. Die Durchdringung von Free and Open Source ERP-Systemen ist aber noch sehr gering. Ursache hierfür ist vor allem die Unübersichtlichkeit des Marktes. Ziel des vorliegenden Buches ist es daher, eine praxisnahe Einführung in FOS Unternehmenssoftware zu geben und einen Marktspiegel anzubieten, der als Grundlage für die Softwareauswahl von FOS ERP-Systeme genutzt werden kann.

"Clear, correct, and deep, this is a welcome addition to discussions of law and computing for anyone -- even lawyers!"-- Lawrence Lessig, Professor of Law at Stanford Law School and founder of the Stanford Center for Internet and Society
If you work in information technology, intellectual property is central to your job -- but dealing with the complexities of the legal system can be mind-boggling. This book is for anyone who wants to understand how the legal system deals with intellectual property rights for code and other content. You'll get a clear look at intellectual property issues from a developer's point of view, including practical

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advice about situations you're likely to encounter. Written by an intellectual property attorney who is also a programmer, *Intellectual Property and Open Source* helps you understand patents, copyrights, trademarks, trade secrets, and licenses, with special focus on the issues surrounding open source development and the GPL. This book answers questions such as: How do open source and intellectual property work together? What are the most important intellectual property-related issues when starting a business or open source project? How should you handle copyright, licensing and other issues when accepting a patch from another developer? How can you pursue your own ideas while working for someone else? What parts of a patent should be reviewed to see if it applies to your work? When is your idea a trade secret? How can you reverse engineer a product without getting into trouble? What should you think about when choosing an open source license for your project? Most legal sources are too scattered, too arcane, and too hard to read. *Intellectual Property and Open Source* is a friendly, easy-to-follow overview of the law that programmers, system administrators, graphic designers, and many others will find essential. This book illustrates the many Open Source cost savings opportunities available to companies seeking Sarbanes-Oxley compliance. It also provides examples of the Open Source infrastructure components that can and should be made

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compliant. In addition, the book clearly documents which Open Source tools you should consider using in the journey towards compliance. Although many books and reference material have been authored on the financial and business side of Sox compliance, very little material is available that directly address the information technology considerations, even less so on how Open Source fits into that discussion. Each chapter begins with an analysis of the business and technical ramifications of Sarbanes-Oxley as regards to topics covered before moving into the detailed instructions on the use of the various Open Source applications and tools relating to the compliance objectives. Shows companies how to use Open Source tools to achieve SOX compliance, which dramatically lowers the cost of using proprietary, commercial applications Only SOX compliance book specifically detailing steps to achieve SOX compliance for IT Professionals

The corporate market is now embracing free, "open source" software like never before, as evidenced by the recent success of the technologies underlying LAMP (Linux, Apache, MySQL, and PHP). Each is the result of a publicly collaborative process among numerous developers who volunteer their time and energy to create better software. The truth is, however, that the overwhelming majority of free software projects fail. To help you beat the odds, O'Reilly has put together

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Producing Open Source Software, a guide that recommends tried and true steps to help free software developers work together toward a common goal. Not just for developers who are considering starting their own free software project, this book will also help those who want to participate in the process at any level. The book tackles this very complex topic by distilling it down into easily understandable parts. Starting with the basics of project management, it details specific tools used in free software projects, including version control, IRC, bug tracking, and Wikis. Author Karl Fogel, known for his work on CVS and Subversion, offers practical advice on how to set up and use a range of tools in combination with open mailing lists and archives. He also provides several chapters on the essentials of recruiting and motivating developers, as well as how to gain much-needed publicity for your project. While managing a team of enthusiastic developers -- most of whom you've never even met -- can be challenging, it can also be fun. Producing Open Source Software takes this into account, too, as it speaks of the sheer pleasure to be had from working with a motivated team of free software developers.

Inhaltsangabe: Einleitung: Open-Source-Software hat inzwischen alle Softwarebereiche erobert. Sie wird besonders als Alternative zu den Produkten großer marktbeherrschender US-Anbieter immer beliebter. Kleine mittelständige

Unternehmen benutzen intern openCMS und bieten Softwareprodukte an, die auf Open Source Software aufbauen. Private Endnutzer verwenden Open Office oder den Internet-Browser Mozilla Firefox. Dies verdeutlicht, welchen hohen Stellenwert Open-Source-Softwareprogramme heute für Unternehmer und Privatleute haben. Auch im Bereich der Mobiltelefone und PDAs kommt Open-Source-Software zum Einsatz. Hierbei jedoch meistens für den Nutzer unerkennbar, als fester Bestandteil von integrierten Systemen. So findet man unter anderem bei Motorola und Nokia eine Abwandlung von Embedded Linux als Open-Source-Betriebssystem. Doch welche rechtlichen Grundlagen und Voraussetzungen müssen für die Verwendung von Open-Source-Software im Bereich der eingebetteten Systeme erfüllt bzw. gegeben sein? Und was passiert, wenn sich vor allem Verbreiter von Open-Source-Software nicht an die Lizenzrahmenbedingungen halten? Müssen dann Mobiltelefone, DVD-Player oder W-LAN-Router von den Nutzern abgeschaltet werden? Dieser Spezialfall ist Thema der vorliegenden Arbeit. Es sollen in einem ersten Teil notwendige Begriffe erläutert und Bezüge zur heutigen Bedeutung und derzeitigen Standards aufgezeigt werden. Im zweiten Teil wird der Vertrieb von Open-Source-Software ausführlicher behandelt, welche Möglichkeiten bestehen und wo es eventuell Konflikte mit dem deutschen Recht geben könnte. Abschließend werden im

dritten Teil die Probleme der Patentierbarkeit von Open-Source-Software im Blickpunkt auf eingebettete Systeme beleuchtet und eine zusammenfassende Aufstellung des derzeitigen Rechtsstandes gegeben.

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The Sarbanes-Oxley Act (officially titled the Public Company Accounting Reform and Investor Protection Act of 2002), signed into law on 30 July 2002 by President Bush, is considered the most significant change to federal securities laws in the United States since the New Deal. It came in the wake of a series of corporate financial scandals, including those affecting Enron, Arthur Andersen, and WorldCom. The law is named after Senator Paul Sarbanes and Representative Michael G. Oxley. It was approved by the House by a vote of

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423-3 and by the Senate 99-0. This book illustrates the many Open Source cost-saving opportunities that public companies can explore in their IT enterprise to meet mandatory compliance requirements of the Sarbanes-Oxley act. This book will also demonstrate by example and technical reference both the infrastructure components for Open Source that can be made compliant, and the Open Source tools that can aid in the journey of compliance. Although many books and reference material have been authored on the financial and business side of Sox compliance, very little material is available that directly address the information technology considerations, even less so on how Open Source fits into that discussion. The format of the book will begin each chapter with the IT business and executive considerations of Open Source and SOX compliance. The remaining chapter verbiage will include specific examinations of Open Source applications and tools which relate to the given subject matter. * Only book that shows companies how to use Open Source tools to achieve SOX compliance, which dramatically lowers the cost of using proprietary, commercial applications. * Only SOX compliance book specifically detailing steps to achieve SOX compliance for IT Professionals.

Computer software and technologies are advancing at an amazing rate. The accessibility of these software sources allows for a wider power among common

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users as well as rapid advancement in program development and operating information. Free and Open Source Software in Modern Data Science and Business Intelligence: Emerging Research and Opportunities is a critical scholarly resource that examines the differences between the two types of software, integral in the FOSS movement, and their effect on the distribution and use of software. Featuring coverage on a wide range of topics, such as FOSS Ecology, graph mining, and project tasks, this book is geared towards academicians, researchers, and students interested in current research on the growing importance of FOSS and its expanding reach in IT infrastructure. Das Buch präsentiert die vielfältigen Möglichkeiten von Open Source Software zur Unterstützung von Wissensmanagement. Der Autor erläutert die Grundlagen und Einsatzmöglichkeiten von Open Source Software beim Knowledge Management und entwickelt auf Grund von Analysen konkreter Open Source Produkte Entscheidungskriterien und Anleitungen für die Einführung und Verbesserung von Knowledge Management und Open Source Software. Kosteneinsparungen und Effizienz finden dabei besondere Beachtung. Die unverzichtbare organisatorische Basis wird ebenso beleuchtet wie die Möglichkeiten einer schrittweisen Einführung in einer konkreten Organisation. Damit beleuchtet der Autor nicht nur die verschiedenen Facetten für das Open

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Source Knowledge Management, sondern zeigt auch direkt umsetzbare Teillösungen.

"Free/Open Source Software Development" uses a multitude of research approaches to explore free and open source software development processes, attributes of their products, and the workings within the development communities.

Understanding Open Source and Free Software Licensing Guide to Navigating Licensing Issues in Existing & New Software" O'Reilly Media, Inc."

Heather Meeker's Open Source for Business is a practical, readable guide to help businesspeople, engineers, and lawyers understand open source software licensing. Based on the author's twenty years as an attorney working at the crossroads of intellectual property and technology, this guide explains the legal and technical principles behind open source licensing so you can make the right decisions for your business. It offers tips on using open source, contributing to open source projects, and releasing your own open source software. You'll also get access to quick-reference tables on the major open source licenses, plus forms and checklists you can use to promote compliance. In this book, you will learn . . . - Why open source is not a "virus" - What the GPL is and how to handle it - When and how to conduct open source audits - What a user-friendly open

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source policy looks like - How to avoid and respond to open source enforcement claims - How to use open source to fight patent infringement claims - How to manage trademarks for open source products

Can open source software—software that is usually available without charge and that individuals are free to modify—survive against the fierce competition of proprietary software, such as Microsoft Windows? Should the government intervene on its behalf? This book addresses a host of issues raised by the rapid growth of open source software, including government subsidies for research and development, government procurement policy, and patent and copyright policy. Contributors offer diverse perspectives on a phenomenon that has become a lightning rod for controversy in the field of information technology. Contributors include James Bessen (Research on Innovation), David S. Evans (National Economic Research Associates), Lawrence Lessig (Stanford University), Bradford L. Smith (Microsoft Corporation), and Robert W. Hahn (director, AEI-Brookings Joint Center).

Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

This thesis approaches the phenomenon of open source software (OSS) from a managerial and organisational point of view. In a slightly narrower sense, this thesis studies

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commercialisation aspects around community-driven open source. The term 'community-driven' signifies open source projects that are managed, steered, and controlled by communities of volunteers, as opposed to those that are managed, steered, and controlled by single corporate sponsors. By adopting a business ecology perspective, this thesis places emphasis on the larger context within which the commercialisation of OSS is embedded (e.g., global and collaborative production regimes, ideological foundations, market characteristics, and diffuse boundary conditions). Because many business benefits arise as a consequence of the activities taking place in the communities and ecosystems around open source projects, a business ecology perspective may be a useful analytical guide for understanding the opportunities, challenges, and risks that firms face in commercializing OSS. There are two overarching themes guiding this thesis. The first theme concerns the challenges that firms face in commercialising community-driven open source. There is a tendency in the literature on business ecosystems and open source to emphasise the benefits, opportunities, and positive aspects of behaviour, at the expense of the challenges that firms face. However, business ecosystems are not only spaces of opportunity, they may also pose a variety of challenges that firms need to overcome in order to be successful. To help rectify this imbalance in the literature, the first theme particularly focuses on the challenges that firms face in commercialising community-driven open source. The underlying ambition is to facilitate a more balanced and holistic understanding of the collaborative and competitive dynamics in ecosystems around open source projects. The other theme concerns the complex intertwining of community engagement and profit-oriented venturing. As is acknowledged in the literature, the subject of firm-community interaction has become increasingly important because the

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survival, success, and sustainability of peer production communities has become of strategic relevance to many organisations. However, while many strategic benefits may arise as a consequence of firm-community interaction, there is a lack of research studying how the value-creating logics of firm–community interaction are embedded within the bigger picture in which they occur. Bearing this bigger picture in mind, this thesis explores the intertwining of volunteer community engagement and profit-oriented venturing by focusing on four aspects that are theorised in the literature: reinforcement, complementarity, synergy, and reciprocity. This thesis is designed as a qualitative exploratory single-case study. The empirical case is Joomla, a popular open source content management system. In a nutshell, the Joomla case in this thesis comprises the interactions in the Joomla community and the commercial activities around the Joomla platform (e.g., web development, consulting, marketing, customisation, extensions). In order to achieve greater analytical depth, the business ecology perspective is complemented with ideas and propositions from other theoretical areas, such as stakeholder theory, community governance, organizational identity, motivation theory, pricing, and bundling. The findings show that the common challenges in commercialising community-driven open source revolve around nine distinct factors that roughly cluster into three domains: the ecosystem, the community, and the firm. In short, the domain of the ecosystem comprises the global operating environment, the pace of change, and the cannibalisation of ideas. The domain of the community comprises the platform policy, platform image, and the voluntary nature of the open source project. And finally, the domain of the firm comprises the blurring boundaries between private and professional lives, the difficulty of estimating costs, and firm dependencies. Based on these insights, a framework for analysing community-based value creation in business

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ecosystems is proposed. This framework integrates collective innovation, community engagement, and value capture into a unified model of value creation in contexts of firm–community interaction. Furthermore, the findings reveal demonstrable effects of reinforcement, complementarity, synergy, and reciprocity in the intertwining of volunteer community engagement and profit-oriented venturing. By showing that this intertwining can be strong in empirical cases where commercial activities are often implicitly assumed to be absent, this thesis provides a more nuanced understanding of firm involvement in the realm of open source. Based on the empirical and analytical insights, a number of further theoretical implications are discussed, such as the role of intersubjective trust in relation to the uncertainties that commercial actors face, an alternative way of classifying community types, the metaphor of superorganisms in the context of open source, issues pertaining to the well-being of community participants, and issues in relation to the transitioning of open source developers from a community-based to an entrepreneurial self-identity when commercialising an open source solution. Furthermore, this thesis builds on six sub-studies that make individual contributions of their own. In a broad sense, this thesis contributes to the literature streams on the commercialisation of OSS, the business value and strategic aspects of open source, the interrelationships between community forms of organising and entrepreneurial activities, and the nascent research on ecology perspectives on peer-production communities. A variety of opportunities for future research are highlighted. Denna avhandling undersöker fenomenet öppen källkod, 'open source', ur ett lednings och styrningsperspektiv. Mer konkret studeras aspekter på kommersialisering av ett community-drivet open source projekt (OSS, open source software). Uttrycket 'community-drivet' hänvisar till open source projekt som drivs och styrs av

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volontärgrupper, till skillnad från open source projekt som drivs och styrs av enskilda företag. Genom att tillämpa ett affärsekologiperspektiv fokuserar denna avhandling på det vidare sammanhang som karaktäriserar kommersialisering av OSS, såsom globala och kollaborativa produktionssystem, värderingarna öppenhet och samarbete, marknadsstrukturer, och diffusa organisationsgränser. Aktiviteterna i open source communityn och dess kringliggande ekosystem kan bidra till många fördelar för företag, och därför kan ett affärsekologiperspektiv vara en användbar analytisk lins för att förstå de möjligheter, utmaningar och risker som företag står inför när de kommersialiserar OSS. Två övergripande teman lyfts fram i denna avhandling. Det första temat handlar om de utmaningar som företag står inför när de kommersialiserar community-driven OSS. Det finns i litteraturen om affärsekologier och open source en tendens att betona fördelar, möjligheter och positiva aspekter på beteende på bekostnad av att undersöka utmaningar som företag står inför. Affärsekologier innebär dock inte enbart möjligheter för företag, utan kan också orsaka en rad utmaningar som företag behöver hantera för att lyckas. Med utgångspunkt i denna obalans i litteraturen fokuserar det första temat på de utmaningar med kommersialisering av community-driven OSS. Detta görs för att bidra till en mer balanserad och holistisk förståelse av den på samma gång kollaborativa och konkurrerande dynamiken i affärsekologin runt ett open source projekt. Det andra temat handlar om sammanflätningen (intertwining) mellan community-deltagande och vinstdrivande verksamhet. Såsom det framgår i litteraturen har frågan om samverkan mellan företag och communities blivit allt viktigare, eftersom communityernas överlevnad, framgång och hållbarhet har blivit strategiskt viktiga för många organisationer. Även om många strategiska fördelar kan uppstå som en följd av samverkan mellan företag och communities saknas forskning om hur

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värdeskapande uppstår i en vidare kontext. Med ett bredare perspektiv i åtanke undersöker denna avhandling sammanflätningen av frivilligt community-deltagande och en vinstdrivande verksamhet genom att fokusera på fyra aspekter av sammanflätning som förekommer i litteraturen: förstärkning, komplementaritet, synergi, och ömsesidighet. Denna avhandling är utformad som en kvalitativ utforskande fallstudie. Det empiriska fallet är Joomla, ett innehållshanteringssystem som bygger på open source. Inom ramen för avhandlingen undersöks fallet i termer av samspel inom Joomla-communityn och de kommersiella aktiviteterna som sker runt Joomla-plattformen (t.ex., webbutveckling, rådgivning, marknadsföring, anpassningar, och extensions). För att uppnå ett analytiskt djup kompletteras affärsökologiperspektivet med idéer och förslag från andra teoretiska områden, såsom intressentmodellen, community-styrning, företagsidentitet, motivationsteori, prissättning, och buntning. Resultaten visar att utmaningarna med kommersialisering av community-driven OSS kretsar kring nio olika faktorer som kan grupperas i tre områden: ekosystemet, communityn, och företaget. Ekosystemsfaktorerna innefattar den globala verkamma miljön, förändringshastigheten och kannibalisering av idéer. Community-faktorerna innefattar plattformspolicy, plattformsimage, och att deltagandet i open source projektet sker på frivillig basis. Slutligen innefattar företagsfaktorerna suddiga gränser mellan privatliv och arbetsliv, svårigheten att uppskatta kostnader samt beroendeförhållanden mellan företag. Baserat på dessa insikter föreslås en modell för att analysera communitybaserad värdeskapande i affärsökologier. Modellen integrerar kollektiv innovation, community-deltagande, och value capture i en holistisk modell för community-baserad värdeskapande i kontexten samverkan mellan företag och communities. Vidare beskrivs effekterna av sammanflätningen av frivilligt

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community-deltagande och vinstdrivande verksamhet i termer av förstärkning, komplementaritet, synergi, och ömsesidighet. Genom att visa att sammanflätningen av frivilligt community-deltagande och vinstdrivande verksamhet kan vara stark i fall där det ofta antas implicit att kommersiella aktiviteter inte förekommer ger denna avhandling en mer nyanserad förståelse av företags roll i kontexten open source. Baserat på empiriska och analytiska insikter diskuterar denna avhandling ett antal teoretiska konsekvenser, såsom rollen som intersubjektiv tillit spelar i förhållande till den ovisshet som kommersiella aktörer står inför, ett alternativt sätt att klassificera community-typer, metaforen superorganismer i kontexten open source, community-deltagares välbefinnande, samt hur open source utvecklare hanterar övergången från en community-baserad självidentitet till en entreprenöriell självidentitet vid kommersialisering av OSS. Dessutom ger de sex delstudier som avhandlingen bygger på egna bidrag som presenteras i respektive delstudie. I stora drag bidrar denna avhandling till litteraturen om kommersialisering av OSS, affärsmässiga och strategiska aspekter på open source, samspelet mellan community-driven entreprenörsverksamhet samt den framväxande forskning som använder ett affärsekologiperspektiv för att studera kollegial produktion baserad på allmännytt. En mängd olika möjligheter för framtida forskning lyfts fram.

"This book reviews open and free software used in e-learning, examines the pedagogy behind FOSS and how it is applied to e-learning, and discusses the best practices for FOSS through real world examples, providing guidelines for e-learning designers and instructors who use FOSS"--Provided by publisher.

The reuse of existing code through their software developers is critical for firms to ensure efficient development of high-quality software. Manuel Sojer empirically investigates which

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factors influence software developers to reuse open source code and what causes them to comply with the resulting license obligations or not.

If you've held back from developing open source or free software projects because you don't understand the implications of the various licenses, you're not alone. Many developers believe in releasing their software freely, but have hesitated to do so because they're concerned about losing control over their software. Licensing issues are complicated, and both the facts and fallacies you hear word-of-mouth can add to the confusion. *Understanding Open Source and Free Software Licensing* helps you make sense of the different options available to you. This concise guide focuses on annotated licenses, offering an in-depth explanation of how they compare and interoperate, and how license choices affect project possibilities. Written in clear language that you don't have to be a lawyer to understand, the book answers such questions as: What rights am I giving up? How will my use of OS/FS licensing affect future users or future developers? Does a particular use of this software--such as combining it with proprietary software--leave me vulnerable to lawsuits? Following a quick look at copyright law, contracts, and the definition of "open source," the book tackles the spectrum of licensing, including: The MIT (or X), BSD, Apache and Academic Free licenses The GPL, LGPL, and Mozilla licenses The QT, Artistic, and Creative Commons licenses Classic Proprietary licenses Sun Community Source license and Microsoft Shared Source project The book wraps up with a look at the legal effects--both positive and negative--of open source/free software licensing. Licensing is a major part of what open source and free software are all about, but it's still one of the most complicated areas of law. Even the very simple licenses are tricky. *Understanding Open Source and Free Software Licensing* bridges the gap between the open source vision and the

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practical implications of its legal underpinnings. If open source and free software licenses interest you, this book will help you understand them. If you're an open source/free software developer, this book is an absolute necessity.

Der Einsatz von Open Source Software (OSS) hat sich in den letzten Jahren stark verbreitet. Mittlerweile erkennen auch Versicherungsunternehmen, dass ein Einsatz von OSS bei gewissen IT-Projekten sehr sinnvoll sein kann. Das vorliegende Werk untersucht, unter welchen Voraussetzungen sich die Verwendung von OSS in versicherungsfachlichen Anwendungen als vorteilhaft gestaltet. Dabei wird im ersten Teil zunächst auf die veränderten Anforderungen an die Informationstechnologie in der Versicherungswirtschaft und auf Grundlagen von OSS eingegangen, um deren Einsatzmöglichkeiten aufzuzeigen. Im Anschluss erfolgt eine Differenzierung der bei Versicherungsunternehmen eingesetzten Software mit Angabe bereits existierender OSS-Lösungen. Außerdem wird aufgezeigt, welche Möglichkeiten der Softwarebeschaffung sich für einen Versicherer durch die Option OSS ergeben und wie bei der Softwareauswahl vorgegangen werden kann. Anschließend werden vier Praxisbeispiele ausführlich erläutert, bei denen OSS oder hybride Mischformen mit OSS in speziell versicherungsfachlichen Anwendungen eingesetzt wurden. Motive für die Wahl von OSS werden hierbei identifiziert, die theoretisch entwickelte Vorgehensweise zur Softwareauswahl überprüft und Projekterfahrungen geschildert. In welchen Fällen der Einsatz von OSS vorteilhaft sein kann und welche Besonderheiten dabei beachtet werden müssen, kann für Versicherungsunternehmen neben den theoretischen Aspekten anhand dieser Fallstudien in Erfahrung gebracht werden. Das Werk richtet sich an Führungskräfte und Mitarbeiter aus den IT-Bereichen bei Versicherungsunternehmen und Finanzdienstleistern.

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Open Source has become a buzzword synonymous with growth and change in computing. This book examines the Open Source movement, what's worked and why, and explains the technology to the mainstream investor and manager looking to replicate the successes of the Open Source movement.

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