Call for Chapter Proposals -- Edited Collection on Open Source Software

Call for Chapter Proposals - Submission Deadline 31 January, 2007

For the Edited Collection

Successful OSS Project Design and Implementation: Requirements, Tools, Social Designs, Reward Structures and Coordination Methods

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INTRODUCTION

Lately, much of the innovative programming (operating systems, software products) comes from open source projects. These open sources projects have generated some of the most sophisticated developments in computer technology (such as Linux, Apache, MySQL, PHP,etc....). Today, the open-source approach is so present that large technology firms such as IBM and Sun Microsystems have become major supporters of this phenomenon. Open source software (OSS) is increasingly viewed as a viable alternative to traditional development as it allows a variety of public and private organizations to achieve their desired goals at a lower cost.

At the heart of the open source phenomenon is a network of collaborative processes managed by OSS developers that are challenging technology firms with their notion of community and cost effective achievement. Usually, OSS developers volunteer their time and energy to create better software and provide their applications to millions of end users who are only too pleased to use their systems and applications.

OBJECTIVE OF THE BOOK

Today, it has become clear that OSS represents a significant portion of the software industry. Thus the purpose of this book is to provide readers with an overall understanding of the OSS approach by explaining the features common to the products and processes of open source development projects. Decision makers at different levels and in a variety of fields need to

understand the factors that contribute to the OSS adoption and use effectiveness; the circumstances required, the approaches, tools, social designs, reward structures and coordination methods.

We invite contributions that address professional and organizational issues related to the development, management, adoption, and use of open source software. We strongly encourage contributions incorporating creative or new applications of theory (e.g. using existing theory from other domains to illuminate open source processes or products or using open source example to describe existing theory), methodologies (may include cases studies and experiments).

Each chapter would present approximately between 3,500 and 5,000 words, focusing on a particular perspective of the recommended topics (see below). Such perspectives would be designed to help developers, managers, academics and users to understand better the OSS phenomenon and make more informed choices about OSS systems and products.

TARGET AUDIENCE

The target audience for this book would be composed of five groups:

- Professionals that are developing OSS platforms,
- The users of these free platforms,
- The IT managers that are deciding to move toward OSS.
- Academics that need an understanding of the dynamics from an IT development and management perspective,
– Graduate instructors and graduate students in MIS, MBA, and PhD programs.

RECOMMENDED TOPICS

Prospective subject areas and specific topics for this publication include, but are not limited to, the following:

OSS trends and foundations

Implications of the Open Source movement for the software industry

Evolution of Open Source software artefacts

The Open Source community

OSS development

Open Source software development processes

Communication and coordination in Open Source projects

Motivation of participants in Open Source projects

Methodologies and tools related to OSS

Building applications with OS tools

Metrics regarding OS development

Security concerns related to OS

Methods for working with OSS communities and application development workflow

Project management issues related to OSS development projects

OSS development maturity model

Testing issues related to OSS

OSS Selection

Comparison of OSS products and their proprietary equivalent

Selecting and identifying the Right OSS Software and development projects

Usability of OSS

Satisfaction with OSS application

OSS cases and applications

Case studies of Open Source projects, their participants and/or their development process

Application of OSS principles beyond software design

The International Spread of Open Source Software Use

Licensing: Examining the Agreements that Make Use Possible

Legal issues of Open Source software

SUBMISSION PROCEDURE

Prospective authors are invited to submit chapter proposals (two, single-spaced page maximum) before October 31, 2006. In their proposal, prospective authors should clearly explain
- The purpose and the contents of their proposed chapter
- How their proposed chapter relates to the overall objectives of the book

Authors will be notified of the status of their proposal and sent chapter organization guidelines by October 31, 2006. Drafts of chapters will be due by January 31, 2007.

Please send inquiries or submit material electronically (Rich Text files or Word) to the editors at: n.belbaly @ supco-montpellier.fr, h.benbya @ supco-montpellier.fr and rmeissonier @ supco-montpellier.fr

This book is tentatively scheduled for publishing by Gower Publishing Limited <www.gowerpub.com,> in Winter 2007.