
Making Your Organization Open Source-Ready

Bernard Golden
CEO, Navica

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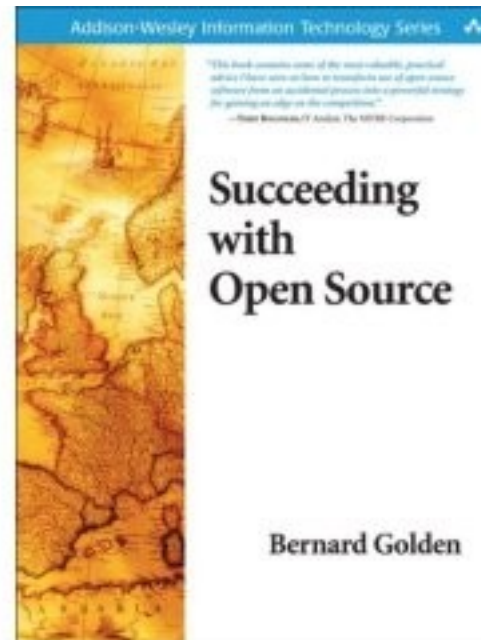
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Agenda

- **Introduction**
- **Overview of open source best practices**
- **Key differences between open source and commercial software**
- **Implications of Open Source Usage**
- **Creating a License and Usage Policy**
- **Creating an Architecture and Product Policy**
- **Implementing an Open Source Program Office**
- **Overview of open source best practices redux**
- **Organizational Open Source Action Items**
- **Additional Questions?**

Introduction

- **Bernard Golden – Navica**
 - CEO of open source strategy consulting firm working with open source ecosystem members
 - Author of “*Succeeding with Open Source*” (Addison-Wesley, 2005)
 - Regular blog “*The Open Source*” for CIO Magazine



Open Source Best Practices

Organization	Process	Community
Open Source vs. Commercial Software	Open Source Maturity Model	Joining The Community
License Policy	Code Management	Supporting The Community
Architecture And Product Policy	Project Management	Contributing To The Community
Open Source Program Office	Project ROI	

Key Differences Between Commercial and Open Source Software

Commercial Software

- Restrictive license
- Bundled offering: explicit or implicit
- Active vendor, passive customer
- Key challenge: selecting right vendor

Open Source Software

- Expansive license
- Unbundled offering: due to OSS economics
- Active customer, passive vendor/project
- Key challenge: creating mature product

Implications of Open Source Usage

- **Software may “appear” in your organization and infrastructure via anonymous download**
- **Expected software procurement processes may be inappropriate in open source world**
- **Need to develop new approaches that achieve open source benefits while mitigating challenges**

Creating a License and Usage Policy

- **Is a license and usage policy necessary?**
- **Implications of internal vs. distribution software use**
- **Identify acceptable licenses if appropriate**
 - Challenge of license proliferation
 - Review of currently implemented open source products
 - Review of likely desirable products' licenses
 - Include review committee incorporating development, operations, legal, management
- **Document and communicate final policy**
 - Education is key
 - Initial hire orientation
 - Ongoing reinforcement

Creating an Architecture and Product Policy

- You've got the right license policy, but how do you protect your infrastructure?
- Identify existing and ideal architecture
- Define what qualities products must have
 - Implementation language
 - Integration mechanisms
 - Management mechanism
- Defining overall architecture enables wise product selection during Process Phase
- Raises organizational effectiveness, skill amortization
- Reduces employee dissatisfaction, employee turnover
- Reduces risk of “we don't know how it works, but we hope it never breaks” systems

Implementing an Open Source Program Office

- **Goes by different names**
- **Serves as integration mechanism for license and architecture policy**
- **Coffee shop/plaza effect**
- **Increases organizational learning**
- **May be integrated into existing IT processes**
- **Most effective as carrot rather than stick**
- **Most effective as project milestone review rather than one-time event**
- **Delivery mechanism for license and architecture/product policy**

Overview of Open Source Best Practices Redux

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Organizational Open Source Action Items

- **Understand key differences between open source and commercial software**
- **Recognize implications of those differences**
 - Anonymous download bypasses traditional procurement process
 - New software realities demand modified processes
- **Examine license policy in light of organizational requirements**
- **Extend policy to incorporate architecture and product requirements**
- **Create center of excellence and energy with Open Source Program Office**

Additional Questions?

bgolden@navicasoft.com