Project
Open Source in the Enterprise

Report from Boston, July 2003

Attendees

- Michael Ostermann, Innenministerium Nordrein-Westfalen
- Ileana Reisch, Mitre
- Hideki Kawahara, Toyota
- Hirokazu Narita, Fujitsu
- Michi Minoh, Kyoto University
- Seji Otani, Tepco Systems
- Todd Gamble, MCI
- Larry M. Gunter, MSWC Dahlgren
- Dock Allen, Mitre
- Steve Nunn, The Open Group
- Walter Stahlecker, HP

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Prioritized list of work items

Priority	Topic
*****	Including Open Source in your SW landscape
*****	How to improve Reliability & Dependability of Open Source
***	Evangelization in Enterprises
**	Guide to understand the impact of different Open Source licenses
**	How to include Open Source into Enterprise IT Architecture
*	Best practices for releasing code under Open Source licensing
*	How to **Create**/Manage/Run an Open Source Project
*	How to Create/**Manage/Run** an Open Source Project
*	How Enterprise IT People can Engage with Open Source Teams to make Effective Contributions
	an equivalent to the Emily Post guidebook - on Open Source Etiquette

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Work items described (1)

Topic	Content	Description
Including Open Source in your SW landscape	❑ Standards for interfaces with Open Source SW ❑ How does OSS interface with other elements in the current environment (interoperability, formats, licenses, security levels, electronic signatures, support/fixing) ❑Meet required functionality ❑Software development environment for Open Source SW ❑How does Open Source fit into current governance processes (policy, architects, management, finance) ❑Are there appropriate Open Source products? Are there consequential other changes to the landscape? ❑Viability of the "vendor" (community), longevity of product, source and process of support ❑Guidance on interoperability between different licensing domains ❑Training engineers to understand and analyze open source ❑Impact of Open Source on administration of operational environment	**Characteristics:** ❑ Checklist of questions ❑ Examples ❑ Pointers to guides **Form:** ❑ Paper ❑ Online resource ❑ Training course **Project team:** ❑ Legally aware ❑ IT architects ❑ Budget owners for SW maintenance ❑ IT operations (dept. mgr. and staff) ❑ Development staff ❑ Security specialists ❑ Open Source developers

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Work items described (2)

Topic	Content	Description
How to improve Reliability & Dependability of Open Source	❏How to impact the community in order to effect change ❏Installing behavioral patterns leading to better code ❏Cost of such efforts, need to train in-house experts ❏Benefit of access to the source code (as opposed to proprietary binaries) ❏How to deal with the lack of SW assurance and documentation/training ❏Need to factor this into the overall cost/benefit analysis ❏Are Open Source testing levels above or below normal enterprise expectations for SW – can The Open Group help? Is there a registry of "certified" SW? What about version changes? ❏Understanding maintenance process of community (many support models, paths of interaction) – compile a list of major SW projects ❏Process to interact with communities for improving quality	**Characteristics:** ❏ Lifecycle descriptions ❏ Classification schemes **Form:** ❏ Guide ❏ Case studies ❏ Certifications, classifications? **Project team members:** ❏ Source selection teams ❏ Legally aware ❏Testing ❏ Competitive aspects in SW ❏ Consultants ❏ QA, insurance ❏ Technical architecture ❏ Open Source developers

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Work items described (3)

Topic	Content	Description
Evangelization in Enterprises	❑ List of benefits and drawbacks for decision makers (e.g. MGOSS) ❑ Workshop materials (content, whom to invite) ❑ National and local conferences or tutorials (train the trainers) ❑ Need to follow up with in-house tutorials ❑ Feedback to The Open Group's OSE project ❑ Successful and failed examples ❑ Business case (ROI, etc.)	**Characteristics:** **Form:** ❑ Presentation ❑ Differentiated workshops per audience ❑ Channel to submit open questions **Project team:** ❑ Project managers ❑ People with assignment on Open Source ❑ SW geeks ❑ Legally aware ❑ Procurement\Open Source developers

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Work items described (4)

Topic	Content	Description
Guide to understand the impact of different Open Source licenses	❑Interpretation of key licenses for legally unaware people ❑Imperative to have an Open Source policy in the enterprise ❑What is a derivative product? ❑Can I change the license on a derivative product? ❑Mixing of licensing domains ❑How to deal with mixed products where open source functionality may migrate into proprietary licensing	**Characteristics:** **Form:** ❑ Minimal free Open Source policy example ❑ Guide ❑ Presentation **Project team:** ❑ Refer to existing papers (authors) ❑ Legal track in OSE project ❑ Ask previous presenters for suggestions ❑ Open Source developers

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Managers' Guide to Open Source SW

- ❑ Brief report (Dock Allen), followed by discussion

- ❑ A review draft is on the project web site

  www.opengroup.org > Forums > Work areas > Open Source in the Enterprise > log in > Recent review documents

  http://www.opengroup.org/ose/protected/upreviews/10/263/Managers_Guide_to_OSS_Draft_2003-05-08_Why_OSS_Matters.doc

- ❑ The guide is impartial towards Open Source

- ❑ It provides factual information and recommends a list of questions to be considered

- ❑ Review is open to all, decisions will be taken by The Open Group's membership

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Open Source methods to increase SW quality and dependability

- ❑ Presentation by Dock Allen
  - ▪ New ways are needed to get dependable SW at a much reduced cost compared to today
- ❑ Discussion points
  - ▪ Diversity inherent in the Open Source process is a plus
  - ▪ Need to collect case studies about immature management leading to premature releases and losses, and others which went well; introduce Open Source examples
  - ▪ Peer reviews are a strong point of Open Source methods
  - ▪ Open Source allows prolonged use of mature SW because the source is available
  - ▪ Pick the right SW project manager
  - ▪ Proposal: Set up a discussion track within the OSE project "how to work open source dependability issues"

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Next steps in the OSE project

- Complete ongoing work:
  - Review and publish Managers Guide to Open Source SW
  - Clarify rules of engagement
    - Open participation in discussions
    - Membership required for consensus formation
- Increase the rate of progress:
  - Publish the top 4 work items, including suggested types of participants
  - Ask OSE project members to find individuals to whom deliverables should be of interest
  - Establish sites for new work items
- Increase reach:
  - Set up regional conferences to raise awareness and attract contributors
    - Proposed venues: Hagen (Germany, Michael & Walter), Boston (Ileana & Dock), possibly Japan
  - Set up resource locator with sample agendas, presentations, etc. to help project members (and others) deal with Open Source in the Enterprise

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