Survey on OSS strategies for Software Intensive Organizations

We would like you to answer the questions from your perspective as an employee in the context of the nearest <organizational unit of your company X> using or contributing to OSS i.e. Jenkins, Gerrit

* Required

1. 1. Where (Company name and Location) do you work? *

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

2. 2. What is your Job title? *

Mark only one oval.

☐ Software developer
☐ Software tester
☐ System architect
☐ Manager
☐ Other: __________________________________________

3. 3. Could you briefly describe your daily work responsibilities? *

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4. 4. Which organizational unit do you work for in your organization (e.g. development, testing etc.)? *

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5. Does your company only USE or also CONTRIBUTE to OSS communities as well? *

Contributions = New features, new test cases, Re-factoring, defects, configuration management, cleaning up code and documentation.

Mark only one oval.

☐ USE and CONTRIBUTE in our company  

☐ Only USE OSS in our company without contributing to communities

Skip to question 13.

Skip to question 6.

Stop filling out this form.

Non Contributors form

Only using OSS software in the development of your company's products or services. Example: Use of Jenkins and Gerrit

6. How many years of working experience does your COMPANY have using OSS in its product development? *

Mark only one oval.

☐ Less than 3

☐ 4-6 years

☐ 7-9 years

☐ 10-13 years

☐ 14-16 years

☐ 17 or more

☐ Other: ____________________________

7. Rate the factors that would motivate your COMPANY to contribute to open source communities? *

Mark only one oval per row.

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<thead>
<tr>
<th>Factor</th>
<th>Less important = 1</th>
<th>Not Important = 2</th>
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</table>
8. **What factors hinder your COMPANY from contributing to OSS community and Why?** *

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__________________________________________________________________________

__________________________________________________________________________

9. **Who is making the decision whether or not to contribute to OSS communities?** *

*Check all that apply.*

- [ ] Engineers
- [ ] Low/Mid level managers
- [ ] Top level managers
- [ ] Legal managers
- [ ] Other:

__________________________________________________________________________

10. **Rate the following factors your COMPANY gains from participating in OSS communities?** *

*Mark only one oval per row.

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<tr>
<th></th>
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<td>turnover</td>
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<td>development for a firm's</td>
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11. Which OSS communities do you use in your COMPANY?  *

Check all that apply.

☐ Jenkins
☐ Gerrit
☐ Linux
☐ Mozilla Firefox
☐ Git
☐ MySQL
☐ Other: ________________

12. Does your COMPANY have a defined contribution strategy for OSS communities?  *

Mark only one oval.

☐ Yes
☐ No
☐ I don't know

Stop filling out this form.

Contributors only
Contributions = New features, new test cases, Re-factoring, redesign, defects, errors and bugs, code formatting, configuration management, cleaning up code and updating the documentation.

13. How many years of working experience does your COMPANY have using and contributing to OSS communities in the product development?  *

Mark only one oval.

☐ Less than 3
☐ 4-6 years
☐ 7-9 years
☐ 10-13 years
☐ 14-16 years
☐ 17 or more
☐ Other: ________________

14. Which OSS communities does your COMPANY contribute to?  *

Check all that apply.

☐ Jenkins
☐ Gerrit
☐ Linux
☐ Mozilla Firefox
☐ Git
☐ MySQL
☐ Other: ________________
15. 8. Could you describe your COMPANY'S involvement in OSS communities? *
Example: New features, test cases, bug fixing, configuration management, documentation etc.

______________________________________________________________
______________________________________________________________
______________________________________________________________
______________________________________________________________

16. 9. What are the reasons behind your COMPANY'S involvement in OSS communities? *
Check all that apply.
[ ] Employees volunteered to do it
[ ] Management decided to give the tasks to employees
[ ] Fun way for employees to work outside the working hours
[ ] Other: ____________________________________________

17. 10. How much time do YOU spend in your company on working with OSS in a week? *
Mark only one oval.
[ ] Less than 5 hours
[ ] 6-10 hours
[ ] 10-15 hours
[ ] 16-20
[ ] 21-25
[ ] Full time
[ ] Other: ____________________________________________

18. 11. Which development methodology does your COMPANY choose while working with OSS communities? *
Mark only one oval.
[ ] Waterfall
[ ] Scrum
[ ] Kanban
[ ] Other: ____________________________________________
19. **What type of contributions does your COMPANY make in OSS communities from the following?** *

*Check all that apply.*

- [ ] Forward engineering = New features or new test cases
- [ ] Re-engineering = Re-factoring, redesign and actions to enhance the quality or the code.
- [ ] Corrective engineering = Defects, errors and bugs.
- [ ] Management = Code formatting, configuration management, cleaning up code and documentation.
- [ ] Other: __________________________

20. **Rate the following factors that motivate your COMPANY to contribute to open source project(s)?** *

*Mark only one oval per row.*

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21. **Are there any other factors that motivate your COMPANY to contribute to OSS communities?**

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22. **What factors hinder your COMPANY from contributing to OSS community and Why?**

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_________________________________________________________________________________________
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23. **16. When does your COMPANY make contribution/code open source?** *  
*Check all that apply.*
- [ ] When the product looses competitiveness  
- [ ] When the product is the main source of revenue  
- [ ] To build a community around the project  
- [ ] Because your competitors are making their projects open source  
- [ ] Non competitive tools only  
- [ ] Other: ____________________________

24. **17. How much of the company's OSS project source code do YOU reveal to OSS communities?** *  
*Mark only one oval per row.*

0% 25% 50% 75% 100%  
Code revealing [ ] [ ] [ ] [ ] [ ]

25. **18. How does your COMPANY report bugs for OSS project(s)?** *  
*Check all that apply.*
- [ ] JIRA  
- [ ] Google's Issue tracker  
- [ ] Emails  
- [ ] Weekly/Monthly meetings  
- [ ] Other: ____________________________

26. **19. How does your COMPANY prioritize bug fixing in OSS project(s)?** *  
*Check all that apply.*
- [ ] Based on your own personal needs  
- [ ] Based on the community's needs  
- [ ] Based on your company's needs  
- [ ] Vote counting  
- [ ] Other: ____________________________

27. **20. What is the ratio of manual testing vs. automated testing of new updates in your most active OSS community?** *  
*Mark only one oval per row.*

<table>
<thead>
<tr>
<th>Testing scale</th>
<th>Completely manual</th>
<th>25/75 Mostly manual</th>
<th>50/50 (automated/manual)</th>
<th>Mostly automated 75/25</th>
<th>Completely automated</th>
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28. **21. What tools do your COMPANY use for automated testing execution?** *

*Check all that apply.*

- [ ] Junit
- [ ] Nunit
- [ ] Abbot Java GUI Test Framework
- [ ] Acceptance Test Harness
- [ ] Selenium
- [ ] Other: ______________________________________

29. **22. Which of the following testing challenges your COMPANY experience while working with OSS communities?** *

*Check all that apply.*

- [ ] Complete test coverage
- [ ] Bugs prioritization
- [ ] Manual testing consumes too much time
- [ ] No formal test plan
- [ ] Managing the organizational change internally in your company
- [ ] Other: ______________________________________

30. **23. Rate the following factors your COMPANY gain from participating in OSS communities?** *

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31. **24. Are there any other factors your company gain from participating in OSS communities?**


32. **25. Rate your satisfaction on using OSS and its impact on company's product development?**

*Mark only one oval per row.*

<table>
<thead>
<tr>
<th>Satisfaction scale</th>
<th>1 Not at all satisfied</th>
<th>2 Not very satisfied</th>
<th>3 Neutral</th>
<th>4 Somewhat satisfied</th>
<th>5 Completely satisfied</th>
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33. **26. How do you measure the value gained from using open source software in proprietary products of your organization?**


34. **27. Who is making the decision to make the contribution/code open source?**

*Check all that apply.*

- Engineers
- Low/Mid level managers
- Top level managers
- Legal managers
- Other: ___________________________

35. **28. Does your COMPANY have a defined contribution strategy for OSS communities?**

*Mark only one oval.*

- Yes
- No
- I don't know