

# 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? \*

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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      *Skip to question 13.*
- Only USE OSS in our company without contributing to communities      *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.

	Less important = 1	Not Important = 2	Average = 3	Important = 4	Very important = 5
Access to the free resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To steer the community towards my organization's interests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Due to the participation of competitors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To leverage smart communities' developers and use them for your company's interests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To gain reputation in the community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To promote your company's solution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get the latest patches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

*Mark only one oval per row.*

	Less important = 1	Not important = 2	Average = 3	Important = 4	Very important = 5
Free features	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Free maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freed up time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Retaining knowledge through communities even after employees turnover	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster time to market	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased quality assurance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved product releases and upgrades	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inner source initiatives i.e. using best practices of OSS development for a firm's internal software development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduced mantinece	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**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.

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

*Mark only one oval per row.*

	Less important = 1	Not important = 2	Average = 3	Important = 4	Very important = 5
Access to the free resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To steer the community towards my company's interests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Due to the participation of competitors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To leverage smart communities' developers and use them for your company's interests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To gain reputation in the community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To promote your company's solution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get the latest patches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

23. **16. When does your COMPANY make contribution/code open source? \***

Check all that apply.

- When the product loses 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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.

	Completely manual	25/75 Mostly manual	50/50 (automated/manual)	Mostly automated 75/25	Completely automated
Testing scale	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**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? \***

*Mark only one oval per row.*

	Less important = 1	Not important = 2	Average = 3	Important = 4	Very important = 5
Free features	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Free maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freed up time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Retaining knowledge through communities even after employees turnover	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster time to market	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased quality assurance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved product releases and upgrades	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inner source initiatives i.e. using best practices of OSS development for a firm's internal software development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduced mantinence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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

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

*Mark only one oval per row.*

	1 Not at all satisfied	2 Not very satisfied	3 Neutral	4 Somewhat satisfied	5 Completely satisfied
Satisfaction scale	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

33. **26. How do you measure the value gained from using open source software in proprietary products of your organization? \***

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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