Security Assurance and FOSS

With the survey we want to find out which measures of assuring security are applied in Free/Open-Source Software (FOSS) projects. Security assurances are confidence building activities through structured design processes, documentation, and testing. This survey consists of 21 questions and will take about 10 minutes.

Mit * gekennzeichnete Fragen sind erforderlich.

This set of questions will cover the FOSS project you are working on.

*1. What is the type of your FOSS project?
   - Web information system (e.g. CMS, Wiki, or platform for discussion forums, blogging, web shops)
   - System or infrastructure (e.g. operating system, database, protocol library)
   - Other: ____________________________

*2. Which relevance has security for the project you participate in?
   - Very important
   - Important
   - Average importance
   - Unimportant
   - Very unimportant
   - Don’t know
   - Other: ____________________________

*3. How many people participate in your FOSS project?
   - 1
   - 2-10
   - 10-50
51-100
More than 100
Don’t know

*4. What are your main roles in your FOSS project?

- Bug reporter
- Developer
- Documenter
- Maintainer
- Tester
- Don’t know
- N/A
- Other:

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Survey Design

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This set of questions will cover measures for security assurance used during the design of your FOSS project

5. Which of the following measures for security assurance during the design are conducted by your FOSS project?

- Deriving requirements for security
- Design for security
- Risk Assessment
- None at all
- Don't know
- Other: [ ]

6. Which of the following measures for security assurance during the design are you personally conducting or involved in?

- Deriving requirements for security
- Design for security
- Risk Assessment
- None at all
- Don't know
- Other: [ ]

7. Please give a further description of the measures which you have selected for the two previous questions (5. and 6.):
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This set of questions will cover measures for security assurance used during the implementation of your FOSS project

8. Which of the following measures for security assurance during the implementation are conducted by your FOSS project?

- Coding guidelines
- Code review for security
- None at all
- Don't know
- Other: [ ]

9. Which of the following measures for security assurance during the implementation are you personally conducting or involved in?

- Coding guidelines
- Code review for security
- None at all
- Don’t know
- Other: [ ]

10. Please give a further description of the measures which you have selected for the two previous questions (8. and 9.):
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Bereich: 1 2 3 4 5 6

Security Assurance and FOSS

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This set of questions will cover measures for security assurance used during the testing of your FOSS project

11. Which of the following measures for security assurance during the testing are conducted by your FOSS project?

- Dynamic test tools
- Security audit
- Static test tools
- Unit tests for security
- None at all
- Don't know
- Other:

12. Which of the following measures for security assurance during the testing are you personally conducting or involved in?

- Dynamic test tools
- Security audit
- Static test tools
- Unit tests for security
- None at all
- Don't know
- Other:
13. Please give a further description of the measures which you have selected for the two previous questions (11. and 12):
Security Assurance and FOSS

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Mit * gekennzeichnete Fragen sind erforderlich.

This set of questions will cover measures for security assurance used for maintenance of your FOSS project

*14. Which of the following measures for security assurance for maintenance are conducted by your FOSS project?

- Defined workflow for vulnerability fixing
- Patch tracking
- Security team
- None at all
- Don't know
- Other:

*15. Which of the following measures for security assurance for maintenance are you personally conducting or involved in?

- Defined workflow for vulnerability fixing
- Patch tracking
- Security team
- None at all
- Don't know
- Other:

16. Please give a further description of the measures which you have selected for the two previous questions (14. and 15.):
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Survey Design

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With the last set of questions we would like to find out more about you.

17. How would you describe yourself?

○ Hacker
○ Programmer
○ Software Architect
○ Software Developer
○ N/A
○ Other: [ ]

18. How many years of experience do you have in software development?

○ Less than 1
○ 1-3
○ 3-5
○ 6-10
○ More than 10
○ N/A

19. How many years of experience do you have in participating in FOSS projects?

○ Less than 1
○ 1-3
○ 3-5
20. Please state the name of the FOSS project you are contributing to (optional):


21. Would you like to tell us something more about you, this survey, or measures of security assurance?

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