

Survey On	vey on Security Pointers inside Open-Source Software Projects (PART 2)	
A1.	•	



## Thank you for your interest! A2. This online survey is part of an empirical study conducted by the The goal of this study is to gain insights into the security practices of software developers in Open-Source Software (OSS) projects. Particularly, regarding the incorporation of security pointers inside software artifacts such as commit messages, pull requests, issue reports, and code comments. The study is divided in two parts (rewarded separately) and should take around 10 min. altogether. **PART 1:** Technical Assessment (0.2 GBP reward) It consists of 3 generic questions about programming. It takes around 2 min. Your answers will determine if you meet our criteria to undergo the 2nd part of the study. If you meet our participation criteria, you will be invited to take the second part of the survey. **PART 2:** Main Survey (1.05 GBP reward) A set of questions and scenarios that you must assess and should take around 8 min. **IMPORTANT**: To participate in this study you must be at least 18 years old Please read the Participant Information Sheet before starting with the survey. The sheet can be accessed via this link: Study-PIS

If you would like to proceed with the Main Survey (PART 2), please answer the following questions by placing a check mark accordingly.

I am age 18 or older	
I have read and understood the Participant Information Sheet	
I agree to participate in this research and I want to continue with the survey	

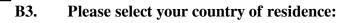
**B1**. Please indicate your age:



B2. Please indicate your gender:

Male
Female
Non-binary
Other

Other





Afghanistan	
Aland Islands	
Albania	
Algeria	
American Samoa	
Andorra	
Angola	
Anguilla	
Antarctica	
Antigua and Barbuda	
Argentina	
Armenia	
Aruba	
Australia	
Austria	
Azerbaijan	
Bahamas	
Bahrain	
Bangladesh	
Barbados	
Belarus	



B4.	Please select your highest educational level:	
	Primary school or less	
	High school or less	
	Some college	
	Undergraduate degree (BSc., BA.)	
	Graduate degree (MSc., Ph.D.)	
B5.	How many years of experience do you have working in Open Source Software?	
	< 1 year	
	1 to 2 years	
	2 to 3 years	
	3 to 4 years	
	4 to 5 years	
	> 5 years	
<b>B6.</b>	How many years of experience do you have working in Commercial (closed) Source Software?	
	< 1 year	
	1 to 2 years	
	2 to 3 years	
	3 to 4 years	
	4 to 5 years	
	> 5 years	



Bellow yo	ou will find examples of software artefacts containing security pointers:	
	t message describing "Memory leak from the main thread on shutdown" An issue report mentioning "Cache producer is not thread safe" A code comment saying meric. A pull request containing "This data structure isn't thread safe. It's possible that you'll get bizarre values from time to time"	g "TODO: Validato
	SE <u>ANSWER THE FOLLOWING QUESTIONS</u> BASED ON YOUR OWN EXPERIENCE AS A SOFTWARE PRACTITIONER WORKING IN OPEN-SO OJECTS.	URCE SOFTWAR
	How often have you (yourself) produced an artefact similar to any of the ones above (commits, issues, comments, or pull requests) containing security pointers?	
	NEVER	
	RARELY	
	SOMETIMES	
	OFTEN	
	ALWAYS	
	How often have you seen others producing an artefact similar to any of the ones above (commits, issues, comments, or pull requests) containing security pointers?	
	NEVER	
	RARELY	
	SOMETIMES	
	OFTEN	
	ALWAYS	



	ASE INDICATE, BASED ON YOUR OWN EXPERIENCE WORKING IN OPEN-SOURCE SOFTWARE (OSS) PROJECTS, HOW MUCH YOU AGREE (C THE FOLLOWING STATEMENTS:	OR DISAGREE)
<b>)1</b> .	While working in OSS projects, I introduce security pointers inside commits, issues, comments, or pull requests because this is a standard practice at work.	
	COMPLETELY DISAGREE	
	DISAGREE	
	SOMEHOW DISAGREE	
	SOMEHOW AGREE	
	AGREE	
	COMPLETELY AGREE	
<b>)2.</b>	While working in OSS projects, I introduce security pointers inside commits, issues, comments, or pull requests because I consider security an important aspect.	
	COMPLETELY DISAGREE	
	DISAGREE	
	SOMEHOW DISAGREE	
	SOMEHOW AGREE	
	AGREE	
	COMPLETELY AGREE	



While working in OSS projects, I introduce security pointers inside commits, issues, comments, or pull requests because such efforts are recognized at work.	
COMPLETELY DISAGREE	
DISAGREE	
SOMEHOW DISAGREE	
SOMEHOW AGREE	
AGREE	
COMPLETELY AGREE	
Please select the option AGREE	
COMPLETELY DISAGREE	
DISAGREE	
SOMEHOW DISAGREE	
SOMEHOW AGREE	
AGREE	
COMPLETELY AGREE	
)	COMPLETELY DISAGREE DISAGREE SOMEHOW DISAGREE SOMEHOW AGREE AGREE COMPLETELY AGREE COMPLETELY AGREE DISAGREE COMPLETELY DISAGREE COMPLETELY AGREE COMPLETELY DISAGREE DISAGREE SOMEHOW DISAGREE SOMEHOW DISAGREE SOMEHOW DISAGREE AGREE AGREE



D5.	While working in OSS projects, I introduce security pointers inside commits, issues, comments, or pull requests because they help prevent security risks.	
	COMPLETELY DISAGREE	
	DISAGREE	
	SOMEHOW DISAGREE	
	SOMEHOW AGREE	
	AGREE	
	COMPLETELY AGREE	
D6.	What other motives may drive you to introduce security pointers inside commits, issues, comments, or pull requests?	



► PLEASE INDICATE, BASED ON YOUR OWN EXPERIENCE WORKING IN OPEN-SOURCE SOFTWARE (OSS) PROJECTS, HOW MUCH YOU AGREE (OR DISAGREE) WITH THE FOLLOWING STATEMENTS:

I think deploye	security pointers inside commits, issues, comments, or pull requests may introduce risks in the OSS being d.	
	COMPLETELY DISAGREE	
	DISAGREE	
	SOMEHOW DISAGREE	
	SOMEHOW AGREE	
	ACDEE	Г
	AGREE	Ļ
	AGREE  COMPLETELY AGREE	<u>_</u>
	COMPLETELY AGREE ind of risks do you think security pointers inside commits, issues, comments, or pull requests may introduce in	
	COMPLETELY AGREE ind of risks do you think security pointers inside commits, issues, comments, or pull requests may introduce in	
	COMPLETELY AGREE ind of risks do you think security pointers inside commits, issues, comments, or pull requests may introduce in	



Thank you for your interest in our survey. Unfortunately, you do not meet some of the requirements to participate in this study:

Be at least 18 years old. Read the consent form or had it read to you. Be comfortable using the English language. Agree to participate in this research.

If you have any questions or inquiries, please do not hesitate to contact us at

Thank you for your response!

## **IMPORTANT**

- (i) Please open this link in a new tab to return to Prolific.
- (ii) Then click "SUBMIT" in this window to record your answer.