

Peer review

The article seems efficient in understanding software developers' thoughts about bug reporting. Especially interesting was the thesis about the inversely proportional dependence between the number of reported bugs and the quality of software. However, data collected from respondents refuted that thesis. It turned out that developers' perceptions and a high number of bug reports are not opposed to each other. In addition, the results of the experiment show that most software specialists do not avoid bug reporting.

I want to point out the situational method of formulating questions and answers that was chosen in that article. This situational method gives more accurate statistics, so my confidence in conclusions is higher compared to other similar works. To continue with the advantages of this paper, I like that the questionnaire contains not only questions about libraries' priorities but also asks software specialists to explain their answers. This additional question and its results allow me to clearly understand what factors developers pay attention to. Additionally, I want to mention the idea of separating options in the second question into technical and emotional problems. It becomes easy to understand that programmers mostly struggle with the emotional aspect of bug reporting.

However, I also noticed a problem in the first survey question. I suppose that allowing respondents to choose only one option instead of several might give more accurate results. In addition, it would be nice to analyze the answers within each respondent. I am interested in what number of software specialists, taking part in that experiment, had only emotional issues, only technical, and mixed. This analysis may give a more clear understanding of the category of people who work in the IT field and companies may redesign some working aspects to make the coding-debugging process more effective. Also, there was not enough information about the sample of respondents. I didn't get whether statistics are formed on programmers from the same company or not. If it was one considered company then results may be based on the problems of that concrete team. Also, I want to see information about the age, sex, and working experience of respondents. I suppose that these statistics may correlate with the results presented in the article.