

Integrators' perspective about Bot usage on Software Projects

This survey is being conducted by Igor Wiese, Ivanilton Polato, Mairieli Wessel and Bruno Mendes.

We are researchers from Federal University of Technology - Paraná, Brazil studying the impact of Bots (sometimes an integrated service) usage on Software Projects.

This survey is aimed at understanding how integrators perceive the importance of Bots to support their tasks, like code review, license issues, support new contributors, provide guidelines for new pull requests, among others.

The estimated time to complete the questionnaire is 5 -10 minutes.

STATEMENT OF INFORMED CONSENT

By answering this survey, you agree to permit the researcher to obtain, use and disclose the anonymous information provided as described below

CONDITIONS AND STIPULATIONS

1. I understand that all information is confidential. I will not be personally identified. I agree to complete the survey for research purposes and that the data derived from this anonymous survey may be published in journals, conferences and blog posts
2. I understand that my participation in this research survey is totally voluntary, and that declining to participate will involve no penalty or loss of benefits. If I choose, I may withdraw my participation at any time. I also understand that if I choose to participate, that I may decline to answer any question that I am not comfortable answering.
3. I understand that I can contact the researcher if I have any questions about the research survey. I am aware that my consent will not directly benefit me. I am also aware that the author will maintain the data collected in perpetuity and may utilize data for future academic work.
4. By clicking the button below I freely provide consent and acknowledge my rights as a voluntary research participant as outlined above and provide consent to the researcher to use my information in conducting research on the areas noted above.

* Required

Questionnaire

Even though there are a couple of studies that acknowledge the impact of bot adoption in software projects, few is known about how they impact the integrators tasks. The following questions will help us to better understand this behavior.

1. **1. Based on your experience, rate the relevance of bot support in your project for the following tasks ***
Mark only one oval per row.

| | Very relevant support | Relevant support | I do not know | Irrelevant support | Very irrelevant support |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| Explain the Project Guidelines (eg. explain how to contribute for new contributors) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Decrease code review effort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Decrease time to merge / reject of Pull Request | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Automate the continuous integration task | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Run tests / quality assurance tasks | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| License Issues related to contributions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Improve the social interaction between integrators and contributors | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2. **2. In your project, do bots support integrators in other tasks not mentioned above? If yes, in which tasks?**

3. **3. What are the problems/challenges of using bots in your project? ***

4. **4. What features would you like to add to the bot(s) used in your project? ***

5. **5. In case you want to receive the results of this survey, feel free to leave your email**

