

# Contributors' 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 open source collaborators perceive the importance of Bots to support their pull request submissions.

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

Little is known about how the adoption of bot impact/support collaborators to submit their pull requests. The following questions will help us to better understand this phenomenon.

1. **Did you notice the participation of bots during your pull request submission/acceptance process? \***

*Mark only one oval.*

☐ Yes

☐ No

2. **2. Based on your experience, it was easier to contribute to the project: \***

Mark only one oval.

- ☐ When my pull request was assisted only by project members
- ☐ When my pull request was assisted only by a Bot
- ☐ When my pull request was assisted by Bots and members

3. **3. Based on your experience, rate the relevance of bot support for the following tasks in the projects that you contribute to: \***

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"/>
Help during the code review	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Decrease time to merge / reject your Pull Request	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automate the continuous integration required	<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"/>

4. **4. Do bots support contributions in any tasks not mentioned above? If yes, in which tasks?**

5. **5. From the contributors perspective, what are the problems/challenges of using bots? (Maybe some situation in which you would like to have human support instead of a bot support) \***

6. **6. What features would you like to add to the bot to better support your tasks as an open source contributor? \***

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