

NOTICE TO PARTICIPANTS (Survey PICT)

This is a study carried out at RMIT University (Melbourne, Australia). Participation in this study is completely voluntary. If you decide not to participate there will not be any negative consequences. Please be aware that if you decide to participate, you may stop participating at any time and you may decide not to answer any specific question.

We aim to anonymize your responses and share the overall results (NOT individual answers) as an open-source dataset through Mendeley Data.

By submitting this form you are indicating that you have read the description of the study, are over the age of 18, and that you agree to the terms as described. Please, be aware that withdrawal is not possible after submitting the survey, since there will be no way of reliably identifying individual responses.

The following survey is organised in TWO sections: the first one asks questions regarding the participant's background, and the following will show you code comments and you will need to classify them according to clarity and understandability.

You can contact researchers at: Dr Melina Vidoni, melina.vidoni@rmit.edu.au

Please, direct any concerns to the below address:

Reviewing HREC - RMIT University,
HREC Secretary - Vivienne Moyle
03 9925 5037, human.ethics@rmit.edu.au

Yes, I agree.

No, I don't agree

(If participant says no, the survey will end. Otherwise, it moves towards the first question.)

PARTICIPANT'S BACKGROUND

#	Question	Possible Answers
1	For how many years have you been programming? (Regardless of the language) <i>(Note: single choice)</i>	<2 years 2-5 years 5-10 years 10+ years
2	What programming languages do you know, and what is your expertise level? <i>(Note: "Matrix" type question in Qualtrics. Likert scale 1-5, where:</i> <ul style="list-style-type: none"> • 1 = Don't know the language • 2 = Basic Level • 3 = Medium Level • 4 = Advanced Level • 5 = Expert Level 	R [1-5] Python [1-5] Java [1-5] C/C++ [1-5] C# [1-5] PhP [1-5] Others [1-5]
4	What is your area/discipline? Select as many as apply.	Computer Science/Soft Engineering Applied Mathematics Statistics Business (Human) Health Animal Health Bioinformatics Chemistry Physics Urbanism/Architecture Social Sciences Others

STATEMENTS CLASSIFICATION

Note: The following are example comments extracted from my own code. However, they will be replaced by randomly selected comments from the target packages. The number of statements may vary, through I estimate between 10 and 20. At this moment, I need to estimate this because I need to select the packages first in order to determine how many comments I need classified.

This question will be a matrix-style question in Qualtrics.

#	Statement	Clarity [1-5]	Understandability [1-5]
1	# End of foreach in the list		
2	/* TODO: really should be a separate class */		
..	//I can't get my head around this; is encoding treatment needed here?		
..	// I hate this so much even before I start writing it.		
n	TODO: This dialect is not yet complete. Need to provide implementations wherever Not yet implemented appears		