

Title	Why do episodic volunteers stay in FLOSS communities?
Author(s)	Barcomb, Ann; Stol, Klaas-Jan; Riehle, Dirk; Fitzgerald, Brian
Publication date	2019-05
Original citation	Barcomb, A., Stol, K-J., Riehle, D., and Fitzgerald, B. (2019) 'Why Do Episodic Volunteers Stay in FLOSS Communities?', 41st International Conference on Software Engineering, Montreal, Canada, 25-31 May. Forthcoming.
Type of publication	Article (peer-reviewed)
Link to publisher's version	https://2019.icse-conferences.org/home Access to the full text of the published version may require a subscription.
Rights	© 2018 the authors
Item downloaded from	http://hdl.handle.net/10468/7248

Downloaded on 2019-02-17T00:04:47Z



Why Do Episodic Volunteers Stay in FLOSS Communities? (Appendix)

Ann Barcomb*†§, Klaas-Jan Stol†‡, Dirk Riehle* and Brian Fitzgerald†§
*Open Source Research Group, Friedrich-Alexander-Universität Erlangen-Nürnberg

†Lero—the Irish Software Research Centre

†School of Computer Science and Information Technology, University College Cork

§Dept. Computer Science and Information Systems, University of Limerick
ann@barcomb.org, klaas-jan.stol@lero.ie, dirk@riehle.org, bf@lero.ie

I. SURVEY

This is an appendix to our paper "Why Do Episodic Volunteers Stay in FLOSS Communities?", which was published in the proceedings of the 41st International Conference on Software Engineering [1]. The questions in the survey are reproduced in Table I. Items marked with an asterisk (*) are reverse-coded, while those marked with a dagger (†) were optional. Participants who did not enter a number greater than one to questions *exp1* and *exp3* were not given the opportunity to proceed beyond the *Volunteering experience* section. Instructions were given as follows:

The following questions are used to understand your volunteering habits, which means any type of unpaid activity, including: documentation, translation, bug reports, mentoring, programming, or any other activity you do for an open source project.

For this survey we use the following definitions:

Habitual volunteering:

you contributed frequently (10 or more substantial contributions)

OR

you made 2 or more contributions of any size per month, for 6 consecutive months.

If your volunteering is not habitual, we refer to your volunteering as "episodic".

II. PROMOTION

The survey was promoted in person at the following events:

- The European Perl Conference (Romania)
- Amsterdam Perl Mongers meeting (Netherlands)
- Limerick Open Source meeting (Ireland)
- Mozfest (UK)
- T-DOSE (Netherlands)
- London Perl Workshop (UK)
- FOSDEM (Belgium)
- DjangoCon (Italy)

The survey was promoted on the following media outlets:

- · ONOS mailing list
- OpenCord mailing list

- Twitter (4 accounts)
- Personal Facebook pages (3 accounts)
- Codeable
- Email to FOSDEM volunteers
- #fosdem-volunteers IRC
- Email to Gnash contributors
- ResearchGate
- LinkedIn
- CMX Hub Facebook group
- · Debian forums
- Reddit /r/opensource
- Reddit /r/linux
- Debian Spanish user's blog

The researchers were assisted in promoting the survey by seven FLOSS contributors and Bitergia.

ACKNOWLEDGMENTS

This work was supported, in part, by Science Foundation Ireland grants 15/SIRG/3293 and 13/RC/2094 to Lero.

REFERENCES

[1] A. Barcomb, K.-J. Stol, B. Fitzgerald, and D. Riehle, "Why do episodic volunteers stay in FLOSS communities?" in 41st International Conference on Software Engineering, 2019.

TABLE I QUESTIONNAIRE

Volunteering experience Value Va	Code	Item		
How many free/libre/open sources software projects have you volunteered for in the last 12 months?	Volunt	eering experience		
in how many free/libro/ipen source software projects have you clearly been an episodic volunteer in the last 12 months? Please select the area where your main contributions. The rest of the survey will pertain to your experiences in this community. Pertain the select the area where your main contributions are contributions (documentation, translation, tests, artwork) Please select the area where your main contributions. The rest of the survey will pertain to your experiences in this community. Port of the where your main contributions. The rest of the survey will pertain to your experiences in this community. The rest of the survey will pertain to your experiences in this community. The rest of the survey will pertain to your experiences in this community. The rest of the survey will pertain to your experience with this community. The rest of the survey will pertain to your contributions. The rest of the survey will pertain to your developers of the pertain the				
spy Please name one free/libro/open source software community which you have volunteered episodically for in the last 12 months. The rest of the survey will pertain to your experiences in this community. spy Please select the area where your main contributions are: {both; code, programming; other contributions (documentation, translation, tests, attwock)} spy On average, how many hours per month did you volunteer to this project over the last 12 months? Contributor benefit motives buil I want to be recognized for my contributions. cbm1 I want to receive a tangible acknowledgement of my contributions. cbm2 I want to receive a tangible acknowledgement of my contributions. cbm3 I volunteer to path representation in the freedyopen source developers' scene. cbm4 I volunteer to memory. cbm5 I volunteer to memory. cbm6 I volunteer to memory. cbm6 I volunteer to memory. cbm7 I volunteer to memory. cbm6 I volunteer to memory. and the people think of me in terms of being a volunteer. 11 Is important to my friends and relatives that I continue volunteering. 12 Other people think that volunteering is important to me. 31 In insuportant to my friends and relatives that I continue volunteering. 32 The people would relative to most people I know if I decided to give up volunteering. 33 Many people would probably be disappointed in me if I just stopped volunteering. 34 Many of the people I know are not aware that I am a free/open source software volunteer. 35 Many people would probably be disappointed in me if I just stopped volunteering. 26 Pl 1 feel like like liaking. Com generally find someone in the community to talk to right away. 35 Fl 1 feel like like liaking. Com generally find someone in the community to talk to right away. 36 Fl 1 feel like like liaking. Com generally find someone in the community to talk to right away. 37 I accomplish 'good' through my work. 38 I am plead to volunteer experience is worthwhile. 39 My volunteer experience is worthwhile. 40 My contributions to the project				
The rest of the survey will pertain to your experiences in this community. exp5 Pelase select the area where your main contributions are; (both; code, programming; other contributions (documentation, tests, artwork)) exp6 In which year did you first contribute to the community? exp7 On average, how many hours per month did you volunteer to this project over the last 12 months? Contributor benefit morities chm1 I want to he recognized for my contributions. chm3 I volunteer to get a reputation in the free/open source developers' scene. chm1 I volunteer to improve my job opportunities. chm3 I volunteer to make money. chm6 I volunteer to make money. chm6 I volunteer to learn my job opportunities. Social norms sn1 Many people think of me in terms of being a volunteer. Many people think that volunteering is important to me. sn1 It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It really wouldn't matter to most people I know if I decided to give up volunteers. Many of the people I know are not aware that I am a free/open source software volunteer. Many of the people I know are not aware that I am a free/open source software volunteer. Many people would probably be disappointed in me if I just decided to stop volunteering. Psychological sense of community pse2 II if led like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I reliable the was a serious problem in the community, the people could get together to solve lit. Satisfaction I ralk up this continue to volunteer for this project. Community commitment I ralk up this community to my friends. I reliable that my values and the community, a slues are very similar. I reliable that my values and the community is along as the type of work were s	* .			
sps Please select the area where your main contributions are: {both; code, programming; other contributions (documentation, translation, tests, attrovicts)}	exp4			
translation, tests, artwork) exp6 which year did you first contribute to the community? exp7 On average, how many hours per month did you volunteer to this project over the last 12 months? Contributor benefit mories: chm1 want to be receptive and the community in the free/open source developers' scene. chm2 want to receive a tamplethe acknowledgement of my contributions. chm3 volunteer to get a reputation in the free/open source developers' scene. chm4 volunteer to improve my job opportunities. chm5 volunteer to make money. chm6 volunteer to make money. chm6 volunteer to make money. chm6 volunteer to learn and develop new skills. Social norms sn1 Many people think of me in terms of being a volunteer. sn2 Other people think that volunteering is important to me. sn3 It is important to my friends and relatives that I continue volunteering. sn4 tr early wouldn't matter to most people it know if I decided to give up volunteer; * sn5 Many of the people I know are not aware that I am a free/open source software volunteer. * sn6 Many of the people I know are not aware that I am a free/open source software volunteer. * sn7 No one would really be surprised if I just stopped volunteering. * sn8 Many people would probably be disappointed in me if I just decided to stop volunteering. Psychological sense of community pse2 If I feel like talking, I can generally find someone in the community to talk to right away. pse3 If there was a serious problem in the community, the people could get together to solve it. Satisfaction sn	exp5			
contributor benefit motives that I want to receive a tangible acknowledgement of my contributions. cbm2 I want to receive a tangible acknowledgement of my contributions. cbm2 I want to receive a tangible acknowledgement of my contributions. cbm3 I volunteer to get a reputation in the free/open source developers' scene. cbm4 I volunteer to improve my job opportunities. cbm5 I volunteer to learn and develop new skills. Cocial norms norm	1			
Contributor benefit motives chal I want to be recognized for my contributions. chal I want to receive a tangible acknowledgement of my contributions. chal I volunteer to get a reputation in the free/open source developers' scene. chal I volunteer to make money. chal I volunteer to make money. chal I volunteer to lamp and develop new skills. Social norms I Many people think of me in terms of being a volunteer. sn2 Other people think of me in terms of being a volunteer. sn2 Other people think that volunteering is important to me. sn3 It is important to my friends and relatives that I continue volunteering. sn4 It really wouldn't matter to most people I know if I decided to give up volunteering. sn4 It really wouldn't matter to most people I know if I decided to give up volunteering. sn5 Many of the people that I know expect me to continue as a volunteer. sn6 Many of the people had I know expect me to continue as a volunteer. sn7 No one would really be surprised if I just stopped volunteering. sn8 Many people would probably be disappointed in me if I just decided to stop volunteering. sn8 Many people would probably be disappointed in me if I just decided to stop volunteering. sn8 Many people would probably be disappointed in me if I just decided to stop volunteering. sn8 I i a meguite similar to most people in my community. sn2 If I feel like talking, I can generally find someone in the community to talk to right away. sn2 If there was a serious problem in the community, the people could get together to solve it. Satisfaction sn1 I enjoy my volunteer experience is personally fulfilling. sn3 My volunteer experience is worthwhile. sn2 My volunteer experience is worthwhile. sn3 My volunteer superience is personally fulfilling. sn3 My volunteer superience is worthwhile. sn4 My contributions to the project are important. sn5 I accomplish good' through my work. sn2 I am likely to continue to volunteer for this project. Community commitment sn5 I and the project are important. sn5 I am likely to continue to volunteer				
chm1 I want to be recognized for my contributions. thm2 I want to receive a tangible acknowledgement of my contributions. chm3 I volunteer to get a reputation in the free/open source developers' scene. thm4 I volunteer to make money. thm5 I volunteer to make money. thm6 I volunteer to make money. thm6 I volunteer to larm and develop new skills. Social norms may people think of me in terms of being a volunteer. Many people think of me in terms of being a volunteer. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. Many of the people I know are not aware that I am a free/open source software volunteer. * Many of the people I know are not aware that I am a free/open source software volunteer. * No one would really be surprised if I just stopped volunteering. * Many people would probably be disappointed in me if I just decided to stop volunteering. Psychological sense of community psc.2 If the like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I renipy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is personally fulfilling. My volunteer experience is personally fulfilling. I am likely to continue to volunteer for this project. Community commitment I talk up this community to my friends. I accomplish 'good' through my work. I am likely to continue to volunteer for this community. There's not to much to be gained by sticking with this community in definitely. * There's not to much to be gained by sticking with this community in definitely. * There's not to much to be passed b	exp7	On average, how many hours per month did you volunteer to this project over the last 12 months?		
cbm2 vaunt to receive a tangible acknowledgement of my contributions. cbm4 volunteer to get a reputation in the free/open source developers' scene. cbm4 volunteer to improve my job opportunities. bill volunteer to improve my job opportunities. cbm5 volunteer to learn and develop new skills. Social norms 1 Many people think of me in terms of being a volunteer. coller people think that volunteering is important to me. coller people think that volunteering is important to me. coller people think that volunteering is important to me. coller in mortant to my frends and relatives that I continue volunteering. coller in mortant to my frends and relatives that I continue volunteering. coller in mortant to my frends and relatives that I continue volunteering. coller in mortant to my frends and relatives that I continue volunteering. coller in mortant to my frends and relatives that I continue volunteering. coller in mortant to my different volunteering. coller in mortant to my different volunteering. coller in mortant volunteer. coller in mortant to my coller in my community. coller in mortant volunteering. coller in mortant volunteering. coller in the properties of the properties of the community to talk to right away. coller in the my volunteer experience. coller in talk my volunteer experience is personally fulfilling. coller in the properties of the properties in important. coller in talk up this community to my friends. coller in talk up this community to my friends. coller in talk up this community to my friends. coller in the properties of the properties of this properties. coller in the properties of the properties of this properties. coller in the properties of the proper				
cbm3 volunteer to get a reputation in the free/open source developers' scene. He volunteer to make money. The volunteer to make money. The volunteer to learn and develop new skills. Social norms Many people think of me in terms of being a volunteer. Other people think that volunteering is important to me. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. Many of the people I know wit and a free/open source software volunteer. No one would really be surprised if I just stopped volunteering. Psychological sense of community psc I I am quite similar to most people in my community. Feychological sense of community psc II I feel like talking, I can generally find someone in the community to talk to right away. If there was a serious problem in the community, the people could get together to solve it. Satisfaction I relipiy my volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I am just in the proper in the community of the project. Community commitment I talk up this community to my friends. I am likely to continue to volunteer for this project. Community commitment I talk up this community to my friends. I tell very little loyalty to this community. The volunteer experience is worthwhile. I talk up this community to my friends. I feel very little loyalty to this community is along as the type of work were similar. I feel very little loyalty to this community is values are very similar. I feel very little loyalty to this community in the f		·		
cbm1 volunteer to improve my job opportunities. bin 1 volunteer to make money. cbm6 1 volunteer to learn and develop new skills. Social norms 1 Many people think of me in terms of being a volunteer. 20 Other people think that volunteering is important to me. 31 It is important to my friends and relatives that I continue volunteering. 31 It is important to my friends and relatives that I continue volunteering. 32 It is important to my friends and relatives that I continue volunteering. 33 Many of the people I know are not aware that I am a free/open source software volunteer. 34 Many of the people I know are not aware that I am a free/open source software volunteer. 35 Many of the people that I know expect me to continue as a volunteer. 36 Many of the people that I know expect me to continue as a volunteer. 37 No one would really be surprised if Just stopped volunteering. 38 Many people would probably be disappointed in me if I just decided to stop volunteering. 39 Psychological sense of community psec I If feel like talking, I can generally find someone in the community to talk to right away. psec I If the like talking, I can generally find someone in the community to talk to right away. 20 Satisfaction 31 I enjoy my volunteer experience. 32 My volunteer experience is personally fulfilling. 33 My volunteer experience is personally fulfilling. 34 My contributions to the project are important. 35 I accompilah good' through my work. 36 I am likely to continue to volunteer for this project. Community commitment 36 I feel very little loyalty to this community, as a set type of work were similar. 36 I feel very little loyalty to this community, as a set type of work were similar. 37 I really care about the box begind my division with this community indefinitely. 38 I really care about the fate of this community as long as the type of work were similar. 39 For me this is the best of all possible community in the future. 30 I will tell others about the positive experiences that I ha				
cbm5 volunteer to learn and develop new skills. Social norms 11				
Social norms an1 Many people think of me in terms of being a volunteer. 20 Other people think that volunteering is important to me. 31 It is important to my friends and relatives that I continue volunteering. 32 It is important to my friends and relatives that I continue volunteering. 33 It is important to my friends and relatives that I continue volunteering. 34 It really wouldn't matter to most people I know if I decided to give up volunteering. 35 Many of the people I know are not aware that I am a free/open source software volunteer. 36 Many of the people that I know expect me to continue as a volunteer. 37 No one would really be surprised if I just stopped volunteering. 38 Many people would probably be disappointed in me if I just decided to stop volunteering. 39 Psychological sense of community 30 psychological sense of community 30 psychological sense of community 31 I enjoy my volunteer experience. 32 If there was a serious problem in the community, the people could get together to solve it. 30 If there was a serious problem in the community, the people could get together to solve it. 31 I enjoy my volunteer experience is personally fulfilling. 32 My volunteer experience is worthwhile. 33 My volunteer experience is worthwhile. 34 My contributions to the project are important. 35 I am likely to continue to volunteer for this project. 35 Community commitment 36 I am likely to continue to volunteer for this project. 37 Community commitment 38 I find that my values and the community ** values are very similar. 39 Call find that my values and the community ** values are very similar. 40 Call find that my values and the community is along as the type of work were similar. ** 41 I approved to the forest that I am a part of this community. 42 Call find that my values and the community is along as the type of work were similar. ** 43 I really care about the fate of this community in the future. 44 I really care about the fate of this community in the future. 45 I really care about		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
sn1 Many people think of me in terms of being a volunteer. 20 Other people think that volunteering is important to me. 31 It is important to my friends and relatives that I continue volunteering. 32 It really wouldn't matter to most people I know if I decided to give up volunteering. 33 Many of the people I know are not aware that I am a free/pone source software volunteer. 34 Many of the people that I know expect me to continue as a volunteer. 35 No no ewould really be surprised if I just stopped volunteering. 36 Many people would probably be disappointed in me if I just decided to stop volunteering. 37 No no ewould really be surprised if I just stopped volunteering. 38 Many people would probably be disappointed in me if I just decided to stop volunteering. 39 Psychological sense of community 30 If I feel like talking, I can generally find someone in the community to talk to right away. 30 If I feel like talking, I can generally find someone in the community to talk to right away. 31 I fer was a serious problem in the community, the people could get together to solve it. 32 Satisfaction 31 I enjoy my volunteer experience. 32 My volunteer experience is personally fulfilling. 33 My volunteer experience is worthwhile. 34 My contributions to the project are important. 35 I accomplish 'good' through my work. 36 I am likely to continue to volunteer for this project. 37 Community comminent 38 cc. I feel very little loyalty to this community. 39 I find that my values and the community's values are very similar. 40 I may proud to tell others that I am a part of this community. 40 I could just as well be working for another community as long as the type of work were similar. 41 I lalk up this community in an a part of this community. 42 I really care about the fate of this community. 43 I really care about the fate of this community. 44 I really care about the fate of this community in the future. 45 I all the other should the every little change in my present circumstances to cause me to	cbm6	I volunteer to learn and develop new skills.		
of their people think that volunteering is important to me. It is important to my friends and relatives that I continue volunteering. It really wouldn't matter to most people I know if I decided to give up volunteering. Many of the people I know are not aware that I am a free/open source software volunteer. Many of the people that I know expect me to continue as a volunteer. No one would really be surprised if I just stopped volunteering. No one would really be surprised if I just stopped volunteering. Psychological sense of community Psychological sense of community I am quite similar to most people in my community. I am quite similar to most people in my community. I am quite similar to most people in the community to talk to right away. If there was a serious problem in the community, the people could get together to solve it. Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. And the word of through my work. I am likely to continue to volunteer for this project. Community commitment Cot I talk up this community to my friends. I feel very little loyalty to this community. I could just as well be working for another community. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community. I will recommend that others volunteer for this community. I will recommend that other volunteer for fries community. I will reliate the fate of this community. I will reliate the fate of this community. I will recommend that other volunteer for fries community. I will reliate the care bout the positive experiences that I had volunteering for this community. I will reliate the care bout the positive experiences that I had volunteer of this community. I am more motivated to volunteer because of my r	Social norms			
It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I continue volunteering. It is important to my friends and relatives that I am a free/open source software volunteer. Many of the people I know are not aware that I am a free/open source software volunteer. Many of the people that I know expect me to continue as a volunteer. Many people would probably be disappointed in me if I just stoped volunteering. ***Psychological sense of community ***Psychological sense of community ***Psychological sense of community ***If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I ren was a serious problem in the community, the people could get together to solve it. **Satisfaction** I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. **Community commitment** I talk up this community to my friends. C2 I feel very little loyalty to this community. C3 I find that my values and the community's values are very similar. C4 I am proud to tell others that I am a part of this community. C5 I could just as well be working for another community along as the type of work were similar. * It would take very little change in my present circumstances to cause me to leave the community. * C6 I real likely care about the fate of this community. There's not too much to be gained by sticking with this community indefinitely. * It would take very little change in my present circumstances to cause me to leave the community. For me this is the best of all possible communitity in the future. If will recommend that othe				
It really wouldn't matter to most people I know if I decided to give up volunteering. * Many of the people I know are not aware that I am a free/open source software volunteer. * Many of the people that I know expect me to continue as a volunteer. No one would really be surprised if I just stopped volunteering. * No one would really be surprised if I just stopped volunteering. * Psychological sense of community Psychological sense of community I am quite similar to most people in my community. If feel like talking, I can generally find someone in the community to talk to right away. If there was a serious problem in the community, the people could get together to solve it. Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I am likely to continue to volunteer for this project. Community commitment Like up this community to my friends. Like up this community to this community. * Lift of that my values and the community's values are very similar. Lift ould just as well be working for another community. Lift ould take very little change in my present circumstances to cause me to leave the community. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * There's not too much to be gai				
sn5 Many of the people I know are not aware that I am a free/open source software volunteer. Many of the people that I know expect me to continue as a volunteer. No one would really be surprised if I just stopped volunteering. Many people would probably be disappointed in me if I just decided to stop volunteering. Psychological sense of community If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. If I feel like talking, I can generally find someone in the community to talk to right away. I feel would the reward a serious problem in the community, the people could get together to solve it. Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My volunteur experience is worthwhile. I accomplish good' through my work. I am likely to continue to volunteer for this project. Community commitment cel I talk up this community to my friends. I feel very little loyalty to this community. * 1 feel very little loyalty to this community. * 1 am proud to tell others that I am a part of this community. 1 am proud to tell others that I am a part of this community. 1 am proud to tell others that I am a part of this community. 1 really care about the fate of this community. 1 really care about the fate of this community. 1 really care about the fate of this community. 1 I plan to volunteer for this community in the future. 1 I really care about the fate of this community. 1 I hope that volunteering is a part of my life for years to come. 1 I now the volunteer for this community in the future. 1 I plan to volunteer for this community in the future. 1 I plan to volunteer for this community in the futu				
Many of the people that I know expect me to continue as a volunteer. No one would really be surprised if I just stopped volunteering.* ***Sin** Many people would probably be disappointed in me if I just decided to stop volunteering.* **Psychological sense of community** I am quite similar to most people in my community. If the like talking, I can generally find someone in the community to talk to right away. If there was a serious problem in the community, the people could get together to solve it. **Satisfaction** I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. **Community commitment** cc1 I felt very little loyalty to this community. * I find that my values and the community's values are very similar. cc2 I feel very little loyalty to this community. * I could just as well be working for another community as long as the type of work were similar. * It would take very little change in my present circumstances to cause me to leave the community. * There's not too much to be gained by sticking with this community indefinitely. * I really care about the fate of this community. For me this is the best of all possible community. I plan to volunteer for this community in the future. I plan to volunteer for this community in the future. I plan to volunteer for this community in the future. I plan to volunteer for this community in the future. I plan to volunteer for this community in the future. I plan to volunteer for this community in the future. I plan to volunteer for this community. I will recommend that others volunteer for this community. I would recommend that others volunteer for this community. I would recommend that others volunteer for this community. I now the reoppel should be encouraged to volunteer. Demographics dem1 What is your year of birth? † Who the f				
### Psychological sense of community Psychological sense of community				
Psychological sense of community psc1 I am quite similar to most people in my community. psc2 If fleel like talking, I can generally find someone in the community to talk to right away. psc3 If there was a serious problem in the community, the people could get together to solve it. Satisfaction s1 I enjoy my volunteer experience. s2 My volunteer experience is personally fulfilling. s3 My volunteer experience is worthwhile. s4 My contributions to the project are important. s5 I accomplish 'good' through my work. s6 I am likely to continue to volunteer for this project. Community commitment cc1 I talk up this community to my friends. cc2 I feel very little loyalty to this community. * cc3 I find that my values and the community's values are very similar. cc4 I am proud to tell others that I am a part of this community. cc5 I could just as well be working for another community as long as the type of work were similar. * I really care about the fate of this community with this community indefinitely. * There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer. ir6 I m more motivated to volunteer. ir7 I am more motivated to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}	sn7			
psc1 I am quite similar to most people in my community. psc2 If I feel like talking, I can generally find someone in the community to talk to right away. If there was a serious problem in the community, the people could get together to solve it. Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I am group of through my work. I am likely to continue to volunteer for this project. Community commitment cc1 I talk up this community to my friends. I ce1 I talk up this community to my friends. I coll just as well be working for another community as long as the type of work were similar. I twould take very little change in my present circumstances to cause me to leave the community. There's not too much to be gained by sticking with this community indefinitely. Treally care about the fate of this community. For me this is the best of all possible community. I plan to volunteer for this community. I will tell others about the positive experiences that I had volunteering for this community. I will tell others about the positive experiences that I had volunteering for this community. I will tell others about the positive experiences that I had volunteering for this community. I will tell others about the positive experiences that I had volunteering for this community. I will tell others about the positive experiences that I had volunteering for this community. I would recommend that others volunteer for free/open source software community. I may more movitureering is a part of my life for years to come. If other people should be encouraged to volunteer. I am more motivated to volunteer because of my recent volunteer experience with this community. I care about the community for which I volunteer. What is your year of birth? † dem1 What is your year of birth? †	sn8	Many people would probably be disappointed in me if I just decided to stop volunteering.		
psc3 If theel like talking, I can generally find someone in the community to talk to right away. Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I accomplish 'good' through my work. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment cc1 I talk up this community to my friends. cc2 I feel very little loyalty to this community.* cc3 I find that my values and the community's values are very similar. cc4 I am proud to tell others that I am a part of this community. It would take very little change in my present circumstances to cause me to leave the community. * cc5 I could just as well be working for another community indefinitely. * cc6 I really care about the fate of this community. cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. for me this is the best of all possible communities to participate in. Intention to remain IT I plan to volunteer for this community in the future. If will tell others about the positive experiences that I had volunteering for this community. I will tell others about the positive experiences that I had volunteering for this community. I would recommend that other people volunteer for free/open source software communities. Other people should be encouraged to volunteer. Jean more motivated to volunteer because of my recent volunteer experience with this community. I am more motivated to volunteer because of my recent volunteer experience with this community. I are about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}	Psycho			
Satisfaction I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My volunteer experience is worthwhile. A My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment I talk up this community to my friends. Cot I feel very little loyalty to this community. I feel very little loyalty to this community. I could just as well be working for another community. I could just as well be working for another community as long as the type of work were similar. I towald take very little change in my present circumstances to cause me to leave the community. Tree's not too much to be gained by sticking with this community indefinitely. Tree's not too much to be gained by sticking with this community indefinitely. Treally care about the fate of this communities to participate in. Intention to remain It plan to volunteer for this community in the future. I will recommend that others volunteer for this community. I will tell others about the positive experiences that I had volunteering for this community. I would recommend that other people volunteer for free/open source software communities. Other people should be encouraged to volunteer. I ma more motivated to volunteer for free/open source software community. I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
Satisfaction \$1				
I enjoy my volunteer experience. My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment cc1		pscs in there was a serious problem in the community, the people could get together to solve it.		
My volunteer experience is personally fulfilling. My volunteer experience is worthwhile. My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment I talk up this community to my friends. I feel very little loyalty to this community. I find that my values and the community's values are very similar. I find that my values and the community is values are very similar. I find that my values and the community as long as the type of work were similar. It would take very little change in my present circumstances to cause me to leave the community. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community indefinitely. There's not too much to be gained by sticking with this community. There's not too much too be gained by sticking with this community. There's not too much too be gained by sticking with this community. There's not too much too be gained by sticking with this community. There's not too much to be gained by sticking with this community. There's not too much to be gained by sticking with this community. There's not too much to be gained by sticking with this community. There's not too much to be gained by sticking with this community. There's not too much to be g		· ·		
My countributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment cc1				
My contributions to the project are important. I accomplish 'good' through my work. I am likely to continue to volunteer for this project. Community commitment cc1				
Community commitment cc1	s4	My contributions to the project are important.		
Community commitment cc1				
cc1 I talk up this community to my friends. cc2 I feel very little loyalty to this community. * cc3 I find that my values and the community's values are very similar. cc4 I am proud to tell others that I am a part of this community. cc5 I could just as well be working for another community as long as the type of work were similar. * cc6 It would take very little change in my present circumstances to cause me to leave the community. * cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}	s6	I am likely to continue to volunteer for this project.		
cc2 I feel very little loyalty to this community. * cc3 I find that my values and the community's values are very similar. cc4 I am proud to tell others that I am a part of this community. cc5 I could just as well be working for another community as long as the type of work were similar. * cc6 It would take very little change in my present circumstances to cause me to leave the community. * cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
cc3 I find that my values and the community's values are very similar. cc4 I am proud to tell others that I am a part of this community. cc5 I could just as well be working for another community as long as the type of work were similar. * cc6 It would take very little change in my present circumstances to cause me to leave the community. * cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
cc4 I am proud to tell others that I am a part of this community. cc5 I could just as well be working for another community as long as the type of work were similar. * cc6 It would take very little change in my present circumstances to cause me to leave the community. * cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
cc5 I could just as well be working for another community as long as the type of work were similar. * cc6 It would take very little change in my present circumstances to cause me to leave the community. * cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
cc7 There's not too much to be gained by sticking with this community indefinitely. * cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}	cc5			
cc8 I really care about the fate of this community. cc9 For me this is the best of all possible communities to participate in. Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
Intention to remain ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir1 I plan to volunteer for this community in the future. ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir2 I will recommend that others volunteer for this community. ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir3 I will tell others about the positive experiences that I had volunteering for this community. ir4 I hope that volunteering is a part of my life for years to come. ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir5 I would recommend that other people volunteer for free/open source software communities. ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}		I will tell others about the positive experiences that I had volunteering for this community.		
ir6 Other people should be encouraged to volunteer. ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir7 I am more motivated to volunteer because of my recent volunteer experience with this community. ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
ir8 I care about the community for which I volunteer. Demographics dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}				
dem1 What is your year of birth? † dem2 Which of the following describes how you think of yourself? † {male; female; other}	Demographics			
dem2 Which of the following describes how you think of yourself? † {male; female; other}				
dem3 What is your highest education level? † {university/college; technical/trade; high school; primary school}		Which of the following describes how you think of yourself? † {male; female; other}		
	dem3	What is your highest education level? † {university/college; technical/trade; high school; primary school}		