ID

Please enter your email below and advance to the next page.
When the experiment begins please fill the answers as soon you have them. You will have 1 hour to complete all the questions on the next page, before the post-survey section.

Please enter your email:

Upon submitting your email, you will move on to the timed section of the experiment. **You will have 1 hour to complete the following sections.** The researchers will notify you of the remaining time periodically. Don't worry if you don't complete all

the milestones. It is part of the experiment to check how far you go.

Issue selection

Selecting an issue: Please select your desired issue to work on.

Answer the questions below.

Which issue did you select? Please copy and paste the full name of the issue. **If you change your issue, let the researchers**
know about that and append the answer with the new issue data.

Why did you choose your issue? **If you change your issue, let the researchers know about that and append the answer with the new issue data.**

Which of the following skills do you think you need to solve this issue?

- User Interface (UI) Google Common
- Logging Input and Output
- Testing None of the above
- Network Development

Milestone Questions

Milestones: Answer the questions below as soon as possible. We are counting the time you answer them. Feel free to change your answers as you'd like throughout the experiment. The researchers will notify you of your remaining time periodically.

What is the problem/feature requested reported in this issue?

Where is the code that needs to be changed?

What folder(s)
contains the code
that needs to be
changed?

What file(s) contains
the code that needs
to be changed?

What class(es)
contains the code
that needs to be
changed?

What method(s)
contains the code
that needs to be
changed?

What line(s) needs
to be changed?

Explain a possible solution for this issue. (Do not write your code here)

Now that you have devised a possible solution, implement and test your solution within the JabRef codebase. Don't forget to show to the researchers the files you made changes in and update your answers above to reflect your final results.

Advance to the next page <u>only when you finish the contribution and questions above for the experiment.</u> Let the researchers know that you finish. You will not be permitted to return to this section of the experiment after submitting.

Post experiment

Post-experiment: Please answer the following post-experiment questions.

Why did you choose that issue?

Did you change the issue you chose for a contribution?

Yes

No

Why did you change the chosen issue?

What information leads you to select an issue and after change it?

Labels

None of the above

Linked Issue

Body

Title

Code Snippets

Comments

You checked the "None of the above" in the previous question, please explain.

Which of the following skills did you need to solve this issue?
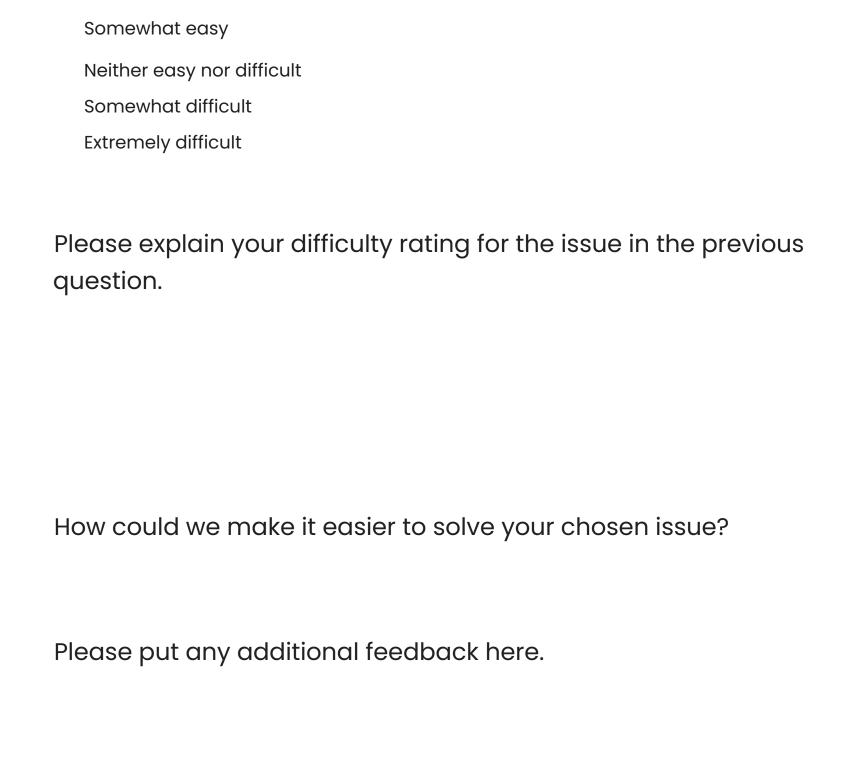
Network Development Testing

Logging User Interface (UI)

Google Common None of the above

Input and Output

Based on your experience in this experiment, how easy or difficult was it to solve the issue?

Extremely easy

Somewhat easy

Neither easy nor difficult

Somewhat difficult

Extremely difficult

Please explain your difficulty rating for the issue in the previous question.

How could we make it easier to solve your chosen issue?

Please put any additional feedback here.

Demographic

FINAL PART - DEMOGRAPHICS

In order to run demographic analyses, we need some information about you. This information will only be used in aggregated form. It will not be shared or associated with you.

What is your highest complete education level (or equivalent)?

No formal education

High school

Technical training

Undergraduate degree

Master's degree

Ph.D.

What is your current main occupation?

Student - Undergraduate

Student - Graduate

Student - Other

Professional Developer

Other

My gender identity is:

Man

Woman

Non-binary

Prefer not to say

Prefer to self describe

Where are you **originally from**?

In which country do you **currently reside**? What is your age?

24 or less

25 to 34

35 to 44

45 to 54

55 to 64

Over 64

Prefer not to say