

Analysis Comments in CodeFlow

Collaboration

LOGIC Show/hide trigger exists.

1. The analysis comments in CodeFlow inspired fewer or more conversations with other developers than I would typically have with them without the analysis comments.

Significantly
fewer

☐

Fewer

☐

Neutral

☐

More

☐

Significantly
more

☐

LOGIC Hidden unless: #1 Question "**The analysis comments in CodeFlow inspired fewer or more conversations with other developers than I would typically have with them without the analysis comments.**" is one of the following answers ("Significantly fewer","Fewer")

2. The analysis comments did not lead to more conversations with other developers because...

3. The analysis comments often led to conversations with other developers about... (Select all that apply.)

- ☐ high-level design
- ☐ implementation details, e.g., API usage
- ☐ code refactoring
- ☐ code smells
- ☐ coding style
- ☐ Other - Please specify

LOGIC Hidden unless: #1 Question "**The analysis comments in CodeFlow inspired fewer or more conversations with other developers than I would typically have with them without the analysis comments.**" is one of the following answers ("More", "Significantly more")

4. The conversations with other developers that were inspired by the analysis comments were often unuseful or useful.

Unuseful or useful?

Very unuseful

Unuseful

Neutral

Useful

Very useful

☐☐☐☐☐

Please explain.

5. The analysis comments made me less or more active as a reviewer than before.

Less or more active?

- ☐ Significantly less active
- ☐ Less active
- ☐ Neutral
- ☐ More active
- ☐ Significantly more active

Please explain.

6. The analysis comments made my reviewers less or more active than before.

Less or more active?

- ☐ Significantly less active
- ☐ Less active
- ☐ Neutral
- ☐ More active
- ☐ Significantly more active

Please explain.

7. Overall, I feel that the analysis comments enhanced collaboration among developers.

Strongly
disagree

☐

Disagree

☐

Neutral

☐

Agree

☐

Strongly agree

☐

Display

8. Did you dislike or like having analysis warnings displayed as review comments?

Dislike or like?

- ☐ Strongly dislike
- ☐ Dislike
- ☐ Neutral
- ☐ Like
- ☐ Strongly like

What in particular did you dislike or like about having the analysis warnings displayed as review comments?

9. What did you think of the amount of analysis comments?

Few or many?

Too few

☐

Few

☐

Neutral

☐

Many

☐

Too many

☐

Please explain.

10. Are there any filtering or aggregation features for analysis comments that you would find desirable?

Interaction

11. What types of analysis comments did you fix or not fix?

12. What types of analysis comments did you reply to or not reply to?

13. What types of analysis comments did you find useful or not useful?

14. What types of analysis comments did you find difficult to understand, if any?

15. The analysis comments decreased or increased the quality of the code.

Decreased or increased?

- ☐ Significantly decreased
- ☐ Decreased
- ☐ Neutral
- ☐ Increased
- ☐ Significantly increased

Please explain.

16. The analysis comments decreased or increased my productivity.

Decreased or increased?

- ☐ Significantly decreased
- ☐ Decreased
- ☐ Neutral
- ☐ Increased
- ☐ Significantly increased

Please explain.