

Experiment Form - Graph-based approach: Workflow Component

* Required

1. Name *

2. Email *

Agglomeration 1: Please open the agglomeration Workflow_Examples via the Graph-based approach

3. Did you find any design problems based on the analysis of Agglomeration 1? *

Mark only one oval.

☐

No

After the last question in this section, skip to question 6.

☐

Yes

4. If you answered “Yes” to the previous question, please describe the identified design problem(s) and give its/their name if possible

5. Please inform which visualization elements you have found useful to identify the aforementioned design problem(s)?

Check all that apply.

☐

Dependencies between code elements

☐

Code Smells

☐

Concerns

☐

Zoom-in and Zoom-out

Agglomeration 2: Please open the agglomeration Workflow_Instrepo via the Graph-based approach

6. Did you find any design problems based on the provided visualization? **Mark only one oval.*☐ Yes☐ No *After the last question in this section, skip to question 9.***7. If you answered “Yes” to the previous question, please describe the identified design problem(s) and give its/their name if possible**

8. Please inform which visualization elements you have found useful to identify the aforementioned design problem(s)?*Check all that apply.*

- ☐ Dependencies between code elements
- ☐ Code Smells
- ☐ Concerns
- ☐ Zoom-in and Zoom-out

Agglomeration 3: Please open the agglomeration Workflow_System via the Graph-based approach**9. Did you find any design problems based on the provided visualization? ****Mark only one oval.*☐ No *After the last question in this section, skip to question 9.*☐ Yes**10. If you answered “Yes” to the previous question, please describe the identified design problem(s) and give its/their name if possible**

11. Please inform which visualization elements you have found useful to identify the aforementioned design problem(s)?*Check all that apply.*

- ☐ Dependencies between code elements
- ☐ Code Smells
- ☐ Concerns
- ☐ Zoom-in and Zoom-out

*Skip to question 12.***Agglomeration 4: Please open the agglomeration Workflow_Repository via the Graph-based approach****12. Did you find any design problems based on the provided visualization? ****Mark only one oval.*

- ☐ Yes
- ☐ No *After the last question in this section, skip to question 9.*

13. If you answered “Yes” to the previous question, please describe the identified design problem(s) and give its/their name if possible

14. Please inform which visualization elements you have found useful to identify the aforementioned design problem(s)?*Check all that apply.*

- ☐ Dependencies between code elements
- ☐ Code Smells
- ☐ Concerns
- ☐ Zoom-in and Zoom-out

*Skip to question 15.***Agglomeration 5: Please open the agglomeration Workflow_Engine via the Graph-based approach****15. Did you find any design problems based on the provided visualization? ****Mark only one oval.*

- ☐ Yes
- ☐ No *After the last question in this section, skip to question 9.*

16. If you answered “Yes” to the previous question, please describe the identified design problem(s) and give its/their name if possible

17. Please inform which visualization elements you have found useful to identify the aforementioned design problem(s)?

Check all that apply.

- ☐ Dependencies between code elements
- ☐ Code Smells
- ☐ Concerns
- ☐ Zoom-in and Zoom-out

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