

Experiment for evaluating "SciKGDash"

Thank you for your participation! Please first fill in the fields for demographic information.
The data will be anonymized.

Name: _____

Age: _____ ☐ No answer

Job description: _____ ☐ No answer

Working at ORKG since: _____ ☐ No answer

To which team do you belong? ☐ Curation & Community Building Team ☐ General ORKG Team ☐ External

In how many of the previous evaluations of the dashboard with the Curation & Community Building Team were you present? _____

- ☐ I understand, that my data is only stored for statistical purposes and is processed anonymously.
- ☐ I hereby consent, that the screen and sound is recorded while i participate. The data is not published and only necessary for analytic purposes.
- ☐ I understand, that I can always withdraw my participation and my data gets deleted.
- ☐ I confirm, that I voluntarily take part in the experiment.

Date, Signature: _____

You have 4 tasks in total for the sections of the dashboard. Please take your time and read the instructions carefully. Please feel encouraged to express your thoughts at any time and don't hesitate to ask questions. Your input and feedback are highly valued throughout the experiment.

1 Overview

Navigate to the Overview tab.

Duplicate Predicates

You are in the role of a curator. Your task is to merge redundant Predicates as this will improve the overall quality of the knowledge graph. Start with merging Predicates with the fewest duplicates. To avoid merging Predicates that have the same label but describe different concepts, your focus will be on Predicates that lack a description.

1. Identify the Predicate with the least amount of duplicates which is lacking a description.
2. Open the respective pages in the ORKG.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I finished the task fast.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I finished the task successfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2 Visitors

Navigate to the Visitors tab.

You are in the role of a community building expert. You specialized in user behaviour analysis and your tasks involve studying visitor data within the ORKG. Focusing on a specific time span (March 6, 2024 to March 7, 2024), you aim to identify the most traversed paths and areas of interest among visitors. By evaluating this observational data, you can provide suggestions to improve the overall structure of the ORKG for optimal user experience and community engagement.

Network graph

1. You want to see visitor statistics from March 6, 2024 to March 7, 2024. Set the respective dates and fetch the data.
2. Modify the graph by changing the parameters on the left side according to your approval for best visualization.
3. Identify the most frequently used edge in the network.
4. For the target node of this edge: Identify to which node most of the visitors would traverse after this.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I finished the task fast.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I finished the task successfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Frequent Paths

Now you want to enhance your understanding of visitor navigation patterns. With a focus on longer paths, your aim is to identify the most frequently used route within the specified time span.

1. Identify the most used path of minimum length 3. Determine the number of occurrences.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I finished the task fast.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I finished the task successfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3 Insights

Navigate to the Insights tab.

Statements per Paper

You are in the role of a curator. Your job is to keep track of the quality and comprehensiveness of the ORKG's content. To ensure that all Papers meet the established standards of completeness, your task is to identify Papers with minimal Statements.

1. Identify the Paper with the least amount of Statements and open it in the ORKG.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I finished the task fast.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I finished the task successfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4 Actions

Navigate to the Actions tab.

You are in the role of a curator. You are responsible for maintaining the quality and relevance of resources. By pointing at negative aspects of improvement as well as positive examples of modeling, this practice maintains principles of transparency and responsibility. Your goal is to provide thoughtful feedback on a specific resource.

1. Make a comment for the Paper with the least amount of Statements. Choose the type of comment which seems applicable to you and add a description of your choice.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I finished the task fast.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I finished the task successfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thank you for taking your time with the tasks! I would greatly appreciate it if you could take a moment to provide some concluding thoughts and feedback.

User Experience Questionnaire

Please fill in the following table to rate your experience with the dashboard.

In my opinion, the dashboard is ...

[illegible]

Adressed needs

Please fill in the following table to rate if the needs of the Curation & Community Building Team are addressed by the dashboard.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
The dashboard allows the tracking of visitor paths.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dashboard makes it possible to indicate if a resource is inaccurate or incomplete.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dashboard provides tools for monitoring the quality of the ORKG.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dashboard provides an overview of areas for improvement.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dashboard lists how active the internal (ORKG members) and external users are.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You have now the opportunity to browse through the dashboard if you like to and give me some feedback.

Feedback

Do you have any feedback? What are suggestions for improvement? Your input is highly appreciated.

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