

MIRMU bib style

MIRMU research group

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1 Introduction

This is the first draft of MIRMU reading style for bibliographies. It is based on the biblatex's built-in bib style named `reading`. That's why the name `mir-reading`.

2 User Guide

We'd like to help you survey the literature useful for your research-of-interest in a way that you would remember that you did, even one year later. There is no specific target level of your work for this framework, we aim to make it relevant for bachelor/master's theses, PhD research, or just a leisure research on an interesting topic.

2.1 New Fields in .bib Files

We'd like you to **always fill at least one** of the **four** new bib attributes introduced below:

- **objective** – The main objective, or the overall research direction of the article: what does the article try to improve or achieve?
- **ideas** – Cool (not necessarily all-novel) ideas that you have not heard of. One or two sentences per-point is just fine.
- **usefulness** – Subjectively, how could the proposed ideas or a content of this article be useful for your research? Or, what questions does the article raise in your head that you'd like to have answered? Be selfish!
- **relations** – Relations to other approaches that you knew or heard of. No citations needed here, it's just for you to recall.

2.2 Import Your .bib File

The idea is to add your .bib files to this project (on Overleaf): New File (icon) → From Another Project → Select the .bib file.

Imported files are only references to your other Overleaf projects, so they cannot be edited here, only refreshed for new changes.

2.3 Example .bib File

See `example.bib`.

2.4 .bib Files Best Practices

Name your bibliography labels as `<first author name><year of publishing><first word(s) of title>`. Example `mansouri2021learning`.

3 Author Guide

This section documents the style so you will know how to adjust it.

3.1 Structure

The style consists of these files:

bbx Bibliography style for printing bibliographies: format of the output, layout, how to print newly defined bib fields etc.

cbx Citation style (fallback to default, no changes)

dbx Data model file: defined new field names

lbx Localization file: some localization strings

3.2 New bib Fields

We have defined exactly 3 (at the moment) new bib fields, their descriptions are in subsection 2.1. If needed, we can add more fields by manually adjusting `.*bx` files (see subsection 3.1).

3.3 New Imported .bib Files

Need to manually add each bib file to the preamble, e.g.:

```
\addbibresource{luptak.bib}
```

References (example.bib)

Mansouri et al.: Learning to Rank for Mathematical Formula Retrieval **mansouri2021learning**

Behrooz Mansouri, Richard Zanibbi, and Douglas W. Oard. “Learning to Rank for Mathematical Formula Retrieval”. In: *Proceedings of the 44th International ACM SIGIR Conference on Research and Development in Information Retrieval*. SIGIR ’21. Virtual Event, Canada: Association for Computing Machinery, 2021, pp. 952–961. ISBN: 9781450380379. DOI: 10.1145/3404835.3462956. URL: <https://doi.org/10.1145/3404835.3462956>.

Objective: The main objective, or the overall research direction of the article: what does the article try to improve or achieve?

Ideas: Cool (not necessarily all-novel) ideas that you have not heard of. One or two sentences per-point is just fine.

Usefulness: Subjectively, how could the proposed ideas or a content of this article be useful for your research? Or, what questions does the article raise in your head that you’d like to have answered? Be selfish!

Relations: Relations to other approaches that you knew or heard of. No citations needed here, it’s just for you to recall.

References (luptak.bib)

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