SLR Toolkit – BibTeX Tooling

Merging .bib files
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Motivation

- **Data from different sources / search parameters**
  - One paper can be found multiple times
  - However, one paper should only be reviewed once
- **Duplicates and conflicting entries?**
  - In different files: not handled
  - In the same file: JBibTeX loads only the first occurrence

Goal:

- **Merge .bib files from different sources**
- **Handle duplicates and conflicts**
  - Offer automatic and manual conflict resolution
  - Keep taxonomy-based classification data
  - Allow manual edit on conflicts

Implementation

- **Start with BibtexEntryView context menu**
- **Resources stored in BibtexMergeData**
- **Conflicts stored in BibtexMergeConflict objects**
- **Choose options and filename in BibtexMergeDialog**
  - No duplicate handling: just copy contents
  - Automatic conflict resolution
  - Manual conflict resolution with BibtexMergeWizard
  - Delete source files if needed

Demo

Thank you for your attention!