

Graphical Java application for managing BibTeX and biblatex (.bib) databases

devdocs.jabref.org

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Code

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<div> <div></div> <div>Siedlerchr Merge pull request #11255 from Housse</div> <div>2 hours ago</div> </div>		
	.devcontainer	Update to JDK21 - both JDK and I... 6 months ago
	.github	Bump actions/github-script from ... yesterday
	.vscode	Split Java code style checks (#105... 6 months ago
	buildSrc/src/main/groovy/...	Bump org.openrewrite.rewrite fro... 5 months ago
	buildres	Refine IntelliJ howto (especially su... 3 weeks ago
	config	chore: remove repetitive words (#... last month
	docs	Add directory monitor for Latex ci... yesterday
	flatpak	Flatpack: Fix filename of jabref.de... 5 years ago
	gradle/wrapper	Update Gradle Wrapper from 8.7-... last month
	javafx/scene/control	Make it easier to create FXML dial... 6 years ago
	lib	Fix jakarta annotation missing (#9... 2 years ago
	licenses	Importing of BibDesk Groups and... last month
	scripts	Initial Pseudonymization (#10776) 3 months ago
	snap	Update version information 29 days ago
	src	Merge pull request #11255 from ... 2 hours ago
	.editorconfig	Fight EOL issues by pinning LF for... 2 years ago
	.git-blame-ignore-revs	Add initial .git-blame-ignore-revs ... 3 months ago

 .gitattributes	Enable auto merge of CHANGELO...	last month
 .gitignore	Include JavaFX jmods (and remov...	3 weeks ago
 .gitmodules	Revert "Set git submodules ignore...	3 weeks ago
 .gitpod.Dockerfile	Update Java version in gitpod con...	6 months ago
 .gitpod.yml	Add IntelliJ plugins to Gitpod con...	2 years ago
 .lycheeignore	Update check-links.yml (#10897)	last month
 .markdownlint.yml	Remove linting exceptions not re...	3 years ago
 CHANGELOG.md	Merge pull request #11255 from ...	2 hours ago
 CITATION.cff	Add CITATION.CFF (#10672)	5 months ago
 CONTRIBUTING.md	Add deep links to code contributi...	6 months ago
 GitVersion.yml	Show development information\n...	3 years ago
 LICENSE	Update year (#11076)	last month
 MAINTAINERS	Farewell btut 🐼 (#10905)	last month
 PRIVACY.md	Refine IntelliJ howto (especially su...	3 weeks ago
 README.md	Update README.md (#10604)	6 months ago
 build.gradle	Bump org.xmlunit:xmlunit-matche...	yesterday
 codecov.yml	fix checkstyle	4 years ago
 crowdin.yml	Add encoding detection (and pin ...	2 years ago
 eclipse.gradle	Replaced abandoned JFoenix cont...	10 months ago
 external-libraries.md	Add directory monitor for Latex ci...	yesterday
 gradle.properties	Update gradle.properties	3 years ago
 gradlew	update gradle (#10471)	6 months ago
 gradlew.bat	Update Gradle Wrapper from 8.5 ...	last month
 lychee.toml	Change linter (#10614)	5 months ago
 mkdocs.yml	Fix display of duplicate heading	5 years ago
 rewrite.yml	Remove non-existing recipe (#110...	last month
 settings.gradle	Add JDK EA build (#10904)	last month

JabRef Bibliography Management

JabRef is an open-source, cross-platform citation and reference management tool.

Stay on top of your literature: JabRef helps you to collect and organize sources, find the paper you need and discover the latest research.

The screenshot shows the JabRef application window. The top menu bar includes File, Edit, Library, Quality, Lookup, Tools, View, Options, and Help. Below the menu is a toolbar with various icons for file operations and searching. The main window is divided into several panes. On the left, there's a 'Groups' pane with a tree view showing 'All entries' (210), 'By status' (13), 'Last read', 'Skipped', 'To be read', 'By rating', 'For Project X', 'For teaching', and 'My papers'. The central pane displays a list of bibliographic entries from the 'jabref-authors.bib' file. The entries are sorted by year and include columns for Author/Editor, Title, and Year. The entry 'Analyzing the Importance of Jabref Features from the User Perspective' by Simon et al. is highlighted. Below the list, there's a form for adding a new entry, with fields for Author, Bibtextkey, Booktitle, Date, and Title. The 'Author' field is filled with 'Martin Simon and Linus W. Dietz and Tobias Diez and Oliver Kopp'. The 'Bibtextkey' field is filled with 'SimonDietzDiezEtAl2019'. The 'Booktitle' field is filled with 'ZEUS'. The 'Date' field is filled with '2019'. The 'Title' field is filled with 'Analyzing the Importance of Jabref Features from the User Perspective'.

Author/Editor	Title	Year
Schönberger et al.	Has WS-I's Work Resulted in WS-* Interoperability?	2011
Schönberger et al.	QoS-Enabled Business-to-Business Integration Using ebBP to WS-BPEL Translations	2009
Schönberger et al.	Proceedings of the 4th Central-European Workshop on Services and their Compositio...	2012
Sheikh and Gustafsson	Linear Programming Design of Coefficient Decimation FIR Filters	2012
Sheikh and Gustafsson	Design of narrow-band and wide-band frequency-response masking filters using spar...	2010
Simon et al.	Analyzing the Importance of Jabref Features from the User Perspective	2019
Skoien et al.	A computer vision approach for detection and quantification of feed particles in mari...	2014
Strauch et al.	Cloud Data Patterns for Confidentiality	2012
Strauch et al.	Non-functional data layer patterns for Cloud applications	2012
Strauch et al.	A Taxonomy for Cloud Data Hosting Solutions	2011
Sungur et al.	Supporting Informal Processes	2014
Sungur et al.	Extending BPMN for Wireless Sensor Networks	2013

Features

JabRef is available free of charge and is actively developed. It supports you in every step of your research work.

Collect

- Search across many online scientific catalogues like CiteSeer, CrossRef, Google Scholar, IEEEXplore, INSPIRE-HEP, Medline PubMed, MathSciNet, Springer, arXiv, and zbMATH
- Import options for over 15 reference formats
- Easily retrieve and link full-text articles
- Fetch complete bibliographic information based on ISBN, DOI, PubMed-ID and arXiv-ID

- Extract metadata from PDFs
- Import new references directly from the browser with one click using the [official browser extension](#) for [Firefox](#), [Chrome](#), [Edge](#), and [Vivaldi](#)

Organize

- Group your research into hierarchical collections and organize research items based on keywords/tags, search terms, or your manual assignments
- Advanced search and filter features
- Complete and fix bibliographic data by comparing with curated online catalogs such as Google Scholar, Springer, or MathSciNet
- Customizable citation key generator
- Customize and add new metadata fields or reference types
- Find and merge duplicates
- Attach related documents: 20 different kinds of documents supported out of the box, completely customizable and extendable
- Automatically rename and move associated documents according to customizable rules
- Keep track of what you read: ranking, priority, printed, quality-assured

Cite

- Native BibTeX and BibLaTeX support
- Cite-as-you-write functionality for external applications such as Emacs, Kile, LyX, Texmaker, TeXstudio, Vim and WinEdt.
- Format references using one of thousands of built-in citation styles or create your own style
- Support for Word and LibreOffice/OpenOffice for inserting and formatting citations

Share

- Many built-in export options or create your export format
- Library is saved as a simple text file, and thus it is easy to share with others via Dropbox and is version-control friendly
- Work in a team: sync the contents of your library via a SQL database

Installation

Fresh development builds are available at builds.jabref.org. The [latest stable release is available at FossHub](#).

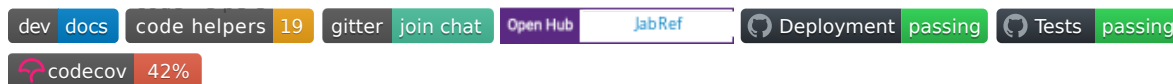
Please see our [Installation Guide](#).

Bug Reports, Suggestions, Other Feedback

We are thankful for any bug reports or other feedback. If you have ideas for new features you want to be included in JabRef, tell us in [the feature section](#) of our forum! If you need support in using JabRef, please read [the documentation](#) first, the [frequently asked questions \(FAQ\)](#) and also have a look at our [community forum](#). You can use our [GitHub issue tracker](#) to file bug reports.

An explanation of donation possibilities and usage of donations is available at our [donations page](#).

Contributing



Want to be part of a free and open-source project that tens of thousands of scientists use every day? Check out the ways you can contribute, below:

- Not a programmer? Help translating JabRef at [Crowdin](#) or learn how to help at [contribute.jabref.org](#)
- Quick overview on the architecture needed? Look at our [high-level documentation](#)
- For details on how to contribute, have a look at our [guidelines for contributing](#).
- You are welcome to contribute new features. To get your code included into JabRef, just [fork](#) the JabRef repository, make your changes, and create a [pull request](#).
- To work on existing JabRef issues, check out our [issue tracker](#). New to open source contributing? Look for issues with the ["good first issue"](#) label to get started.

We view pull requests as a collaborative process. Submit a pull request early to get feedback from the team on work in progress. We will discuss improvements with you and agree to merge them once the [developers](#) approve. Please also remember to discuss bigger changes early with the core developers to avoid a waste of time and work. Some fundamental design decisions can be found within our list of [Architectural Decision Records](#).

If you want a step-by-step walk-through on how to set-up your workspace, please check [this guideline](#).

To compile JabRef from source, you need a Java Development Kit 20 and `JAVA_HOME` pointing to this JDK. To run it, just execute `gradlew run`. When you want to develop, it is necessary to generate additional sources using `gradlew generateSource` and then generate the Eclipse `gradlew eclipse`. For IntelliJ IDEA, just import the project via a Gradle Import by pointing at the `build.gradle`.

`gradlew test` executes all tests. We use [GitHub Actions](#) for executing the tests after each commit. For developing, it is sufficient to locally only run the associated test for the classes you changed. Github will report any other failure.

Sponsoring

JabRef development is powered by YourKit Java Profiler






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Languages

 **Java** 91.0%  **TeX** 6.9%  **XSLT** 1.4%  **CSS** 0.5%  **Python** 0.1%  **Shell** 0.1%