

Using Zotero with RStudio

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Chapter 1

Using Zotero with RStudio

Zotero is a free, open-source reference manager that helps you collect, organize, cite, and share research. Integrating Zotero with RStudio can streamline your academic writing workflow, especially when using Quarto or R Markdown documents.

1.1 1. Install Zotero

- Download Zotero from zotero.org.
- Install the Zotero Connector for your web browser to easily save references.

1.2 2. Organize Your References

- Use Zotero to collect and organize references into collections.
- Attach PDFs and notes to your references for easy access.

1.3 3. Export References for RStudio

- **BibTeX Export:**

- Right-click a collection or selected items in Zotero.
 - Choose Export Collection... or Export Items....
 - Select BibTeX as the format and save the .bib file.
- **Better BibTeX Plugin:**
 - Install the [Better BibTeX](#) plugin for advanced citation key management and automatic export.

1.4 4. Use References in RStudio (Quarto/R Markdown)

- Place your exported .bib file in your project directory (e.g., references.bib).
- In your Quarto or R Markdown document YAML header, add:

```
bibliography: references.bib  
csl: apa.csl # Optional: for citation style
```

- Cite references in your text using @citationkey (e.g., @smith2020).

1.5 5. Render Your Document

- Knit or render your document in RStudio. Citations and bibliography will be formatted automatically.

1.6 6. Tips

- Keep your .bib file updated as you add new references.
- Use the Better BibTeX auto-export feature to keep your bibliography in sync.
- Explore citation styles by downloading .csl files from [Zotero Style Repository](#).

For more help, visit the [Zotero Documentation](#) or the [Quarto Citations Guide](#).