

## Using Zotero with RStudio

# Table of contents

<b>1</b>	<b>Using Zotero with RStudio</b>	<b>1</b>
1.1	1. Install Zotero . . . . .	1
1.2	2. Organize Your References . . . . .	1
1.3	3. Export References for RStudio . . . . .	1
1.4	4. Use References in RStudio (Quarto/R Markdown) . . . . .	2
1.5	5. Render Your Document . . . . .	2
1.6	6. Tips . . . . .	2

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