

Citation Builder





Overview

- The citation builder is designed to simplify the process of creating references and citations by providing a platform for users to easily import, search, upload, or manually enter references. The feature uses the Citation Style Language (CSL) and supports 9000+ styles, covering nearly all of academic publication. Under the hood, the citation builder is based on a popular JavaScript-based implementation of CSL called citeproc-js.
- Development will be in a phased manner.



User journey

The citation builder will support four user input methods:

1. **Import from third-party apps:** Users will be able to import references from third party apps, starting with Zotero in phase 1. Users must login to their third-party account and select the desired references/collections to import. The idea is to extend this functionality to R Discovery and strengthen the ecosystem when Paperpal launches a citation builder.
2. **Search by Title/DOI:** Users can search for references by entering the title or DOI of the publication. The citation builder will then retrieve the corresponding reference information from Dyson.
3. **Upload BibTeX/JSON Files:** Users can upload BibTeX or JSON files containing references.
4. **Manual Entry:** Users can manually enter reference information by filling out a form that includes fields such as reference type, author names, title, and year of publication.

Reference Manager

Target journal/style:

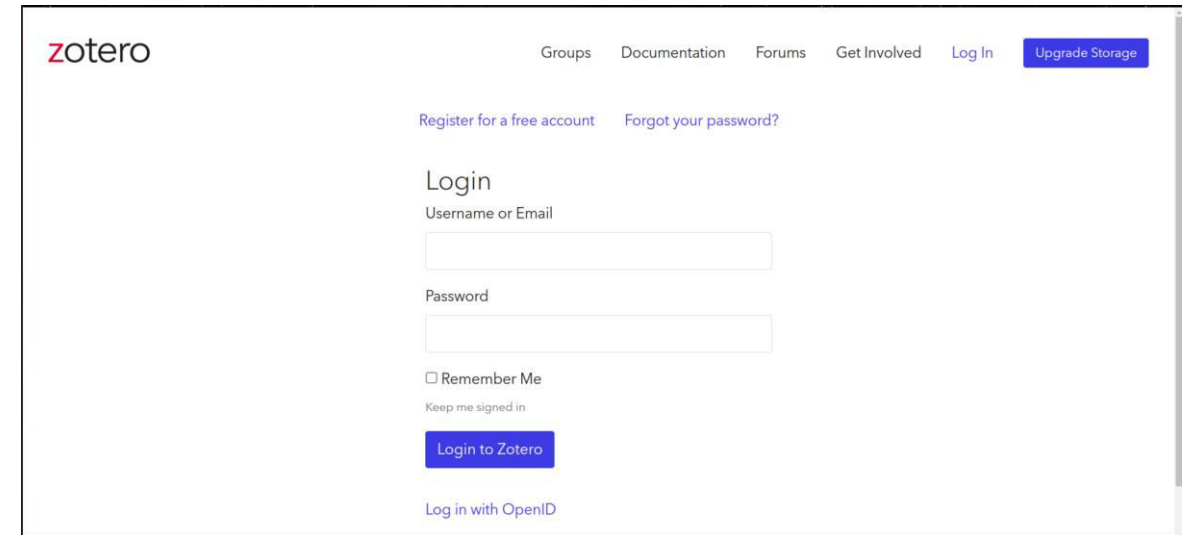
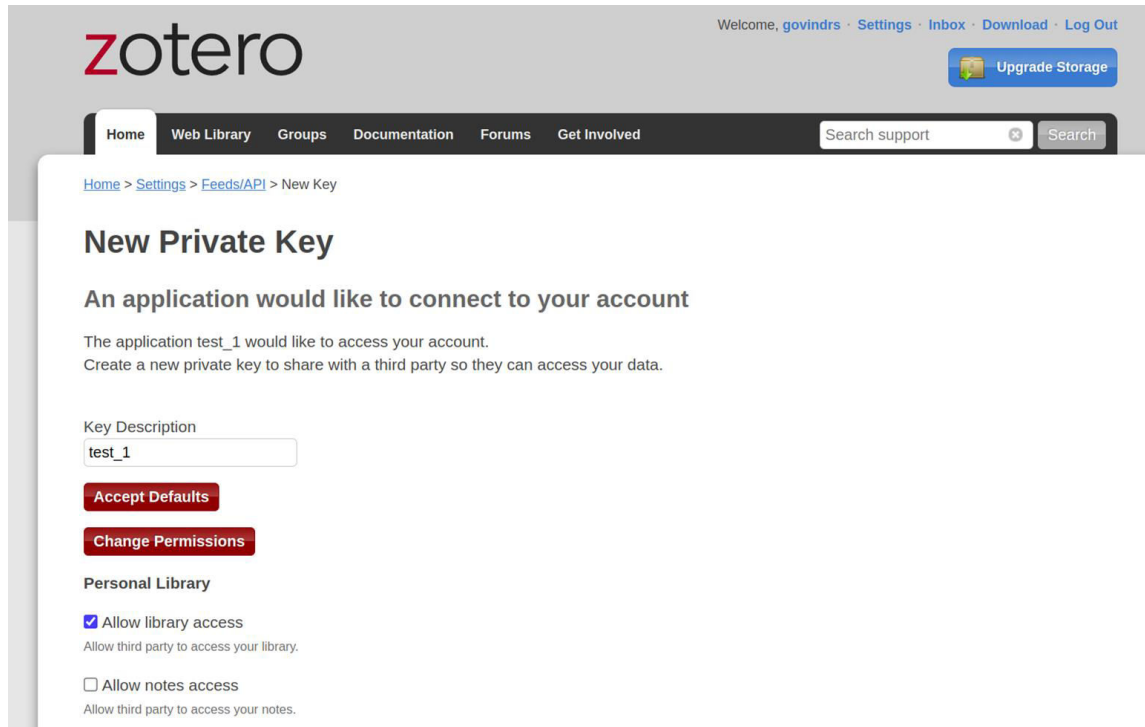




Your reference list is empty.

Home screen

All four input methods are presented on the home screen. The user can also select the desired style.



User flow

Upon clicking the “Import from Zotero” button, users are taken to the Zotero login page and then the account access permission page.

Reference Manager

Zotero library: choose items to import

My Library	Select all
Academic Search Premier	<input type="checkbox"/> Howler monkeys are the reservoir of malarial parasites causing zo...
delivery 5/20/2020, 3:18:39 PM	<input type="checkbox"/> Howler monkeys are the reservoir of malarial parasites causing zo...
delivery 5/20/2020, 3:39:35 PM	<input type="checkbox"/> Microhabitat Use in Angolan Colobus Monkeys (Colobus angolen...
FRSCO	<input type="checkbox"/> Microhabitat Use in Angolan Colobus Monkeys (Colobus angolen...
Partnership	<input type="checkbox"/> Preference Transitivity and Symbolic Representation in Capuchin ...
ProQuestDocuments 2019-10-17	<input type="checkbox"/> The Ecological Rationality of Delay Tolerance: Insights from Capuc...
Pubmed	<input type="checkbox"/> Helminth parasites occurrence in wild proboscis monkeys (Nasalis...
test	<input type="checkbox"/> Helminth parasites occurrence in wild proboscis monkeys (Nasalis...
Reference Trends	<input type="checkbox"/> Predictive cues for auditory stream formation in humans and mon...
Reference Trends 2	<input type="checkbox"/> Predictive cues for auditory stream formation in humans and mon...
scopus 1	<input type="checkbox"/> Predictive cues for auditory stream formation in humans and mon...
WorldCat	<input type="checkbox"/> Predictive cues for auditory stream formation in humans and mon...
My Publications	<input type="checkbox"/> Networks and Opportunities: A Digital History of Ireland's Great F...
Duplicate Items	<input type="checkbox"/> Predictive value for future arrhythmic events of fractal dimension, ...
Unfiled Items	<input type="checkbox"/> Capuchin Monkeys Judge Third-Party Reciprocity
Trash	<input type="checkbox"/> Trends and Directions in RA Education
Group Libraries	<input type="checkbox"/> 100 Monkeys, Meet ... 100 Monkeys: LA band 100 Monkeys taps i...
Demo Group	<input type="checkbox"/> 100 Monkeys, Meet ... 100 Monkeys: LA band 100 Monkeys taps i...
Duplicate Items	<input type="checkbox"/> 100 Monkeys, Meet ... 100 Monkeys: LA band 100 Monkeys taps i...
Unfiled Items	<input type="checkbox"/> 100 Monkeys, Meet ... 100 Monkeys: LA band 100 Monkeys taps i...
Trash	<input type="checkbox"/> 100 Monkeys, Meet ... 100 Monkeys: LA band 100 Monkeys taps i...
	<input type="checkbox"/> Monkeys in other monkeys' shoes
	<input type="checkbox"/> Monkeys in other monkeys' shoes

Done

User flow

Subsequently, users can select references in their Zotero library through a file-explorer-like screen. Collections/folders are shown on the left; references with checkboxes are shown on the right.

User flow

Home screen after the addition of 3 references in the IEEE style. Note that the “Cite multiple works” functionality will not be supported in phase 1.

The user can select checkboxes next to references and use this button to create an inline citation to multiple works

These are options to reorder references (as in a Spotify queue), edit, and generate an inline citation. Each item will also include a Scite badge, if available. The option to reorder is available only for numbered citation styles.

Clicking on "Edit" opens a form like the one for "Enter manually." The form will also have an option to delete the reference.

CACTUS LABS
PLAYGROUND

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Reference Manager

Target journal/style: IEEE

Search by title, DOI, ISBN, PMID, arXiv ID, or URL + Add

Enter manually Import from Zotero Import from file

[1] Alouffi, B., Hasnain, M., Alharbi, A., Alosaimi, W., Alyami, H. and Ayaz, M., 2021. A systematic literature review on cloud computing security: threats and mitigation strategies. *IEEE Access*, 9, pp.57792-57807.

[2] Patel, K. and Alabisi, A., 2019. Cloud computing security risks: Identification and assessment. *The Journal of New Business Ideas & Trends*, 17(2), pp.11-19.

[3] Alam, T., 2020. Cloud Computing and its role in the Information Technology. *IAIC Transactions on Sustainable Digital Innovation (ITSDI)*, 1(2), pp.108-115.

Cite multiple works

Export Copy bibliography

Phase 1: Zotero import



In phase 1, only the Zotero import method will be supported.



Users will be able to create reference lists and reorder references manually.



They will also be able to copy inline citations to clipboard.



The API will support only inline citations to a single reference.

Phase 2 and beyond



Phase 2 will add support for the other three input methods: searching by title/DOI, uploading BibTeX/JSON, and manual entry.



In addition, the citation builder will allow for generating multi-reference inline citations, and references will be sorted alphabetically for styles such as APA and MLA.

Design reference

- [ZoteroBib: Fast, free bibliography generator](#)
- The image shows the home screen of ZoteroBib.

zotero**bib**

Enter a URL, ISBN, DOI, PMID, arXiv ID, or title

Cite

Manual Entry

Bibliography

IEEE

[1] E. Troja *et al.*, "A nearby long gamma-ray burst from a merger of compact objects," *Nature*, vol. 612, no. 7939, pp. 228-231, Dec. 2022, doi: 10.1038/s41586-022-05327-3.

[2] Google Quantum AI *et al.*, "Suppressing quantum errors by scaling a surface code logical qubit," *Nature*, vol. 614, no. 7949, pp. 676-681, Feb. 2023, doi: 10.1038/s41586-022-05434-1.



Thank you
