

# Zotero

Introduced in Tiki7.

Zotero is a powerful, open-source bibliography and reference management tool designed to help researchers collect, organize, cite, and share research materials. It is available both as a browser extension (originally for Firefox, now also compatible with Chrome and Edge via the Zotero Connector) and as a standalone desktop application for Windows, macOS, and Linux.

Zotero supports automatic extraction of reference metadata from websites, academic databases, library catalogs, and PDFs. It allows users to organize references into collections, add notes and tags, and generate citations and bibliographies in thousands of styles (APA, MLA, Chicago, etc.).

One of Zotero's key features is cloud synchronization: users can sync their reference library with the Zotero servers to ensure automatic backup, multi-device access, and collaborative work via shared group libraries.

The integration with Tiki allows to bind the Tiki installation with a Zotero group on the centralized server. A plugin will be available to cite references within Tiki content to fetch the reference information and display it.

You will need to:

1. Register on <http://zotero.org>
2. Create a group for you and your collaborators
3. Register an API Key at <http://www.zotero.org/oauth/apps/new>, allowing Tiki to securely communicate with the server:

- Application Name: **Your Name**
- Application Description: **Some description**
- Application Website: **<http://yourwebsite.org>**
- Application Type:
  - ☐ Client
  - ☒ Browser

- Callback URL: *leave "callback URL" param empty'*
- Make sure to write down the Client Key and Client Secret. **The secret is not stored by Zotero and they will not be able to provide it back to you.**

4. In admin->features, Enable Zotero and configure the Client Key, Client Secret and the Zotero group ID(that you can found in the group link [https://www.zotero.org/groups/group\\_id/group\\_name](https://www.zotero.org/groups/group_id/group_name)).
5. Authenticate the Tiki installation with Zotero, granting access for the site to the required group (a link is provided from the administration panel upon configuration in admin->features)

To use Zotero, you will need to:

1. Set-up the Zotero 'Bibliography Search' module
2. Enable the Zotero Citation plugin
3. Enable PluginFootnote
4. Enable PluginFootnoteArea

When searching for references in the Bibliography Search module, leave the field empty to see all your references or enter a specific tag to filter results, the list of results will be provided. Clicking on a title will display the full citation and select the plugin that can be copied into the content of a page where a citation is required. Add **{footnotearea}** at the bottom of the page to include the references.

**Zotero plugin generated by the module**

{zotero key=9R2FSN8K}

Additionally, the *note* argument can be specified to append arbitrary text after the reference, to include page number for example.

#### Zotero plugin generated by the module

```
{zotero key=9R2FSN8K note=page 62}
```

Because the keys provided by the Zotero platform are machine generated, they cannot easily be remembered and require the use of the lookup module, which may be tedious. The *tag* argument can be used instead of *key*. When used this way, the plugin will use the first result as the reference. For this option to be useful, unique tags must be created per reference. For example, the common pattern of author name and year can be used.

#### Zotero plugin written manually

```
{zotero tag=Boyle2008}
```

It is also possible to include the complete list of references with a certain tag from Zotero and format them according to the chosen rules. For example, a tag could be added on all references cited in a report and the ZOTEROLIST plugin can be used to display the summary.

#### ZoteroList plugin

```
{zoterolist tag=MyBibliography}
```

### Common issues

#### 1. Enable SSL in your PHP installation

- Trying to authenticate Tiki with Zotero, requires that SSL is enabled in PHP. That is: "extension=php\_openssl.dll" must be uncommented in php.ini. If this is not done, the error "Error in HTTP request" will occur.

#### 2. This feature doesn't work with proxies

- This feature doesn't work if your tiki site is in a server behind a proxy. If so, you might see an error message like:

Error in HTTP request. Origin: Unable to Connect to ssl://www.zotero.org:443.  
Error #111: Connection refused

- No workaround known so far.

### 3. **Public group?**

- If you configure your group as public in Zotero, the key registration and authentication parts may not be required. Simply configure the group ID.

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#### Related

- [Pluginzotero](#)
- [Pluginzoterolist](#)