

# Calibre & Calibre-Web

Calibre is a cross-platform free and open-source suite of e-book software. Calibre supports organizing existing e-books into virtual libraries, displaying, editing, creating and converting e-books, as well as syncing e-books with a variety of e-readers.

- [Calibre](#)
- [Calibre-Web](#)

# Calibre

Calibre is a cross-platform free and open-source suite of e-book software. Calibre supports organizing existing e-books into virtual libraries, displaying, editing, creating and converting e-books, as well as syncing e-books with a variety of e-readers.

- For more information about this app, follow [this link](#).

## Initial Setup


- Install Calibre from the **Installers** tab on the [User Control Panel](#). Make sure to choose a [strong password](#).

## Configuration


- Once you have installed Calibre, paste the copied URL into your web browser to access the web UI, you will be greeted by a login form. Log in with your username and the password you set during the installation.
- Our Calibre installation comes with a pre-configured library:
  - `~/media/Calibre Library`
- You could choose a different path within your home directory, though the directory needs to be created and be empty OR include a Calibre database library from a previous installation.



- In this guide, we will be using the default path `~/media/Calibre Library`.
- Click the **Next** button.

 calibre Welcome wizard

**Welcome to calibre**  
The one stop solution to all your e-book needs.



Choose your e-book device. If your device is not in the list, choose a "Generic" device.

Manufacturers

Generic

Amazon

Android

Apple

Astak

Augen

Barnes & Noble

BeBook

Bookeen

Booq

Ectaco

Jinke

Kobo

Onyx

PocketBook

SONY

Devices

Generic e-ink device

Smartphone

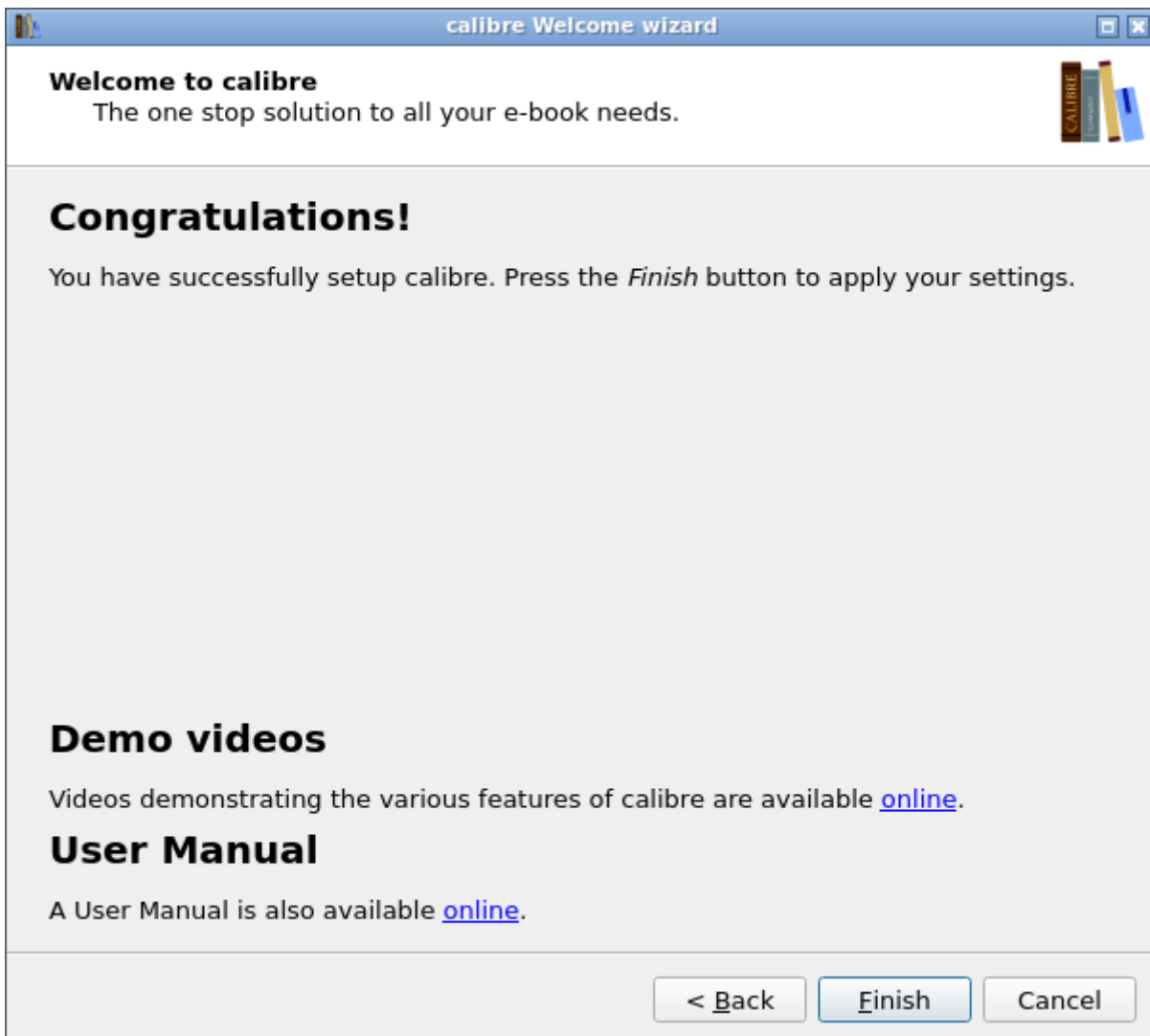
iPad like tablet

< Back

Next >

Cancel

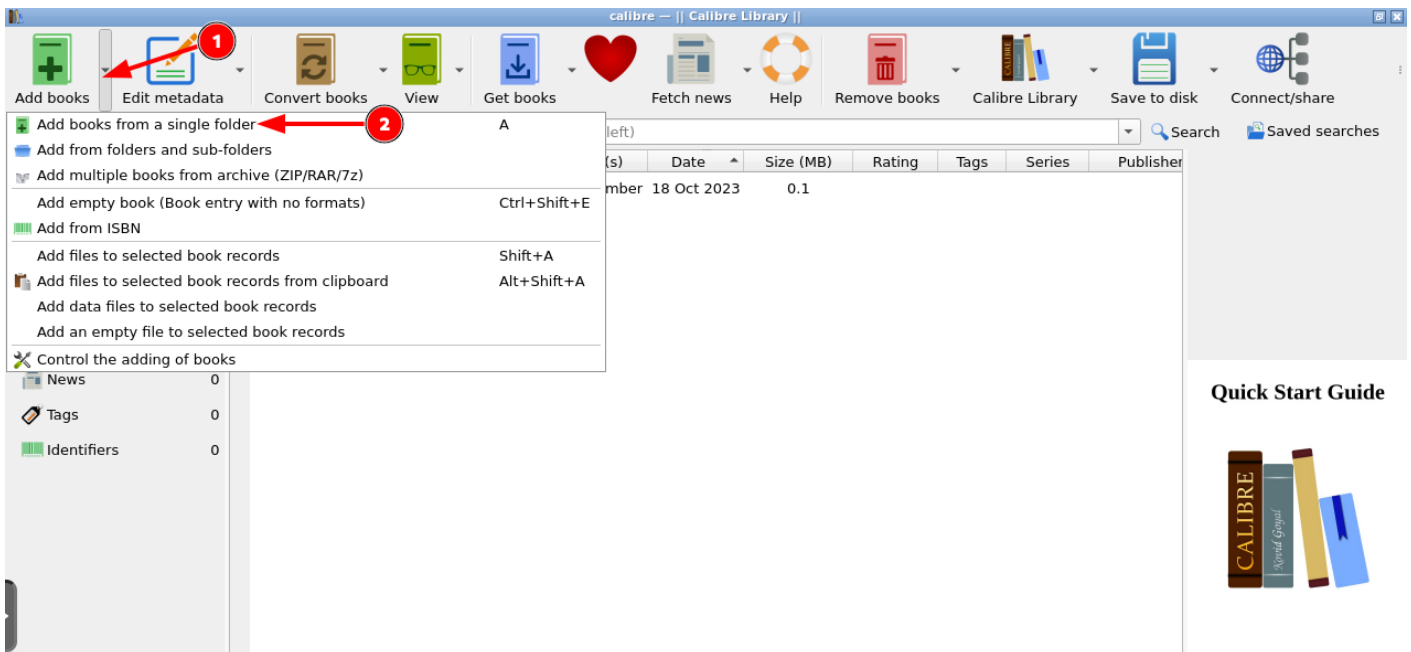
- Choose the generic device you will be using to read your ebooks.
- Click the **Next** button.



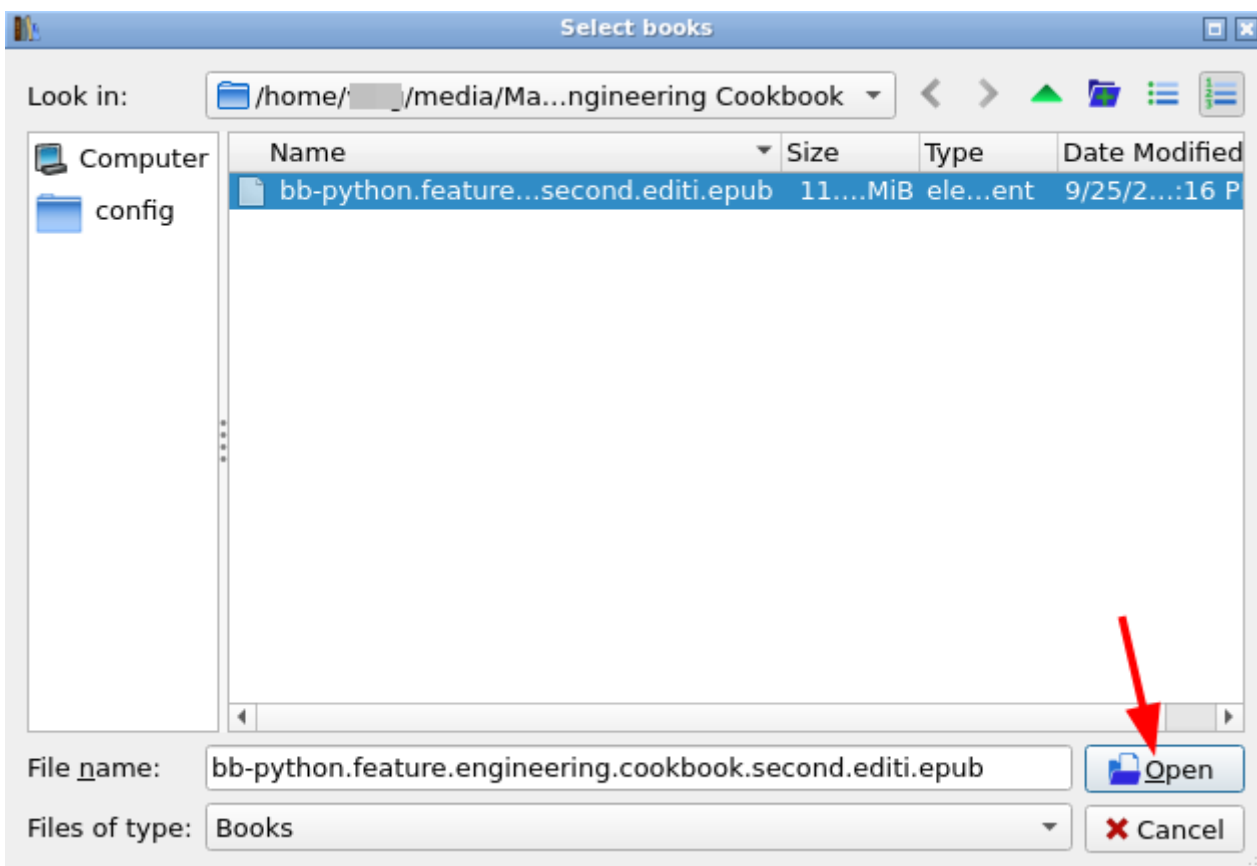
- Click the **Finish** button to complete the setup of Calibre.

## Add Books

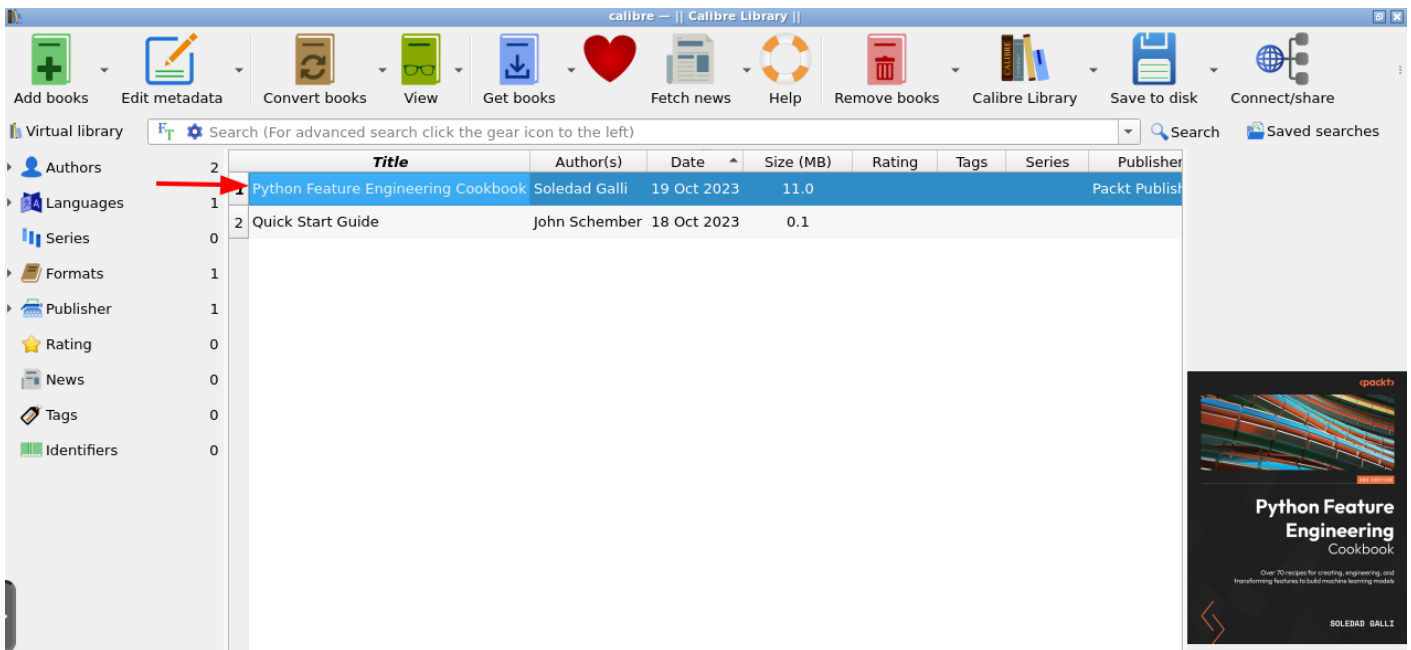
- Books can be added to the database library by manually adding them into default library path, in this guide that would be `~/media/Calibre Library`.
- Books can also be manually added by clicking the **Add Books** button within the Calibre UI.



- Next, choose how you want to add books, in this guide we will choose **Add books from a single folder**
- Note that the file dialog defaults to the `/config` directory of the docker. Navigate to `/home/username` to enter your home directory. The next time you use the file dialog, click the file path and you will have the option to select previously selected paths (e.g. your home directory).



- Navigate to the location where your book is located, mark it and click **Open**.

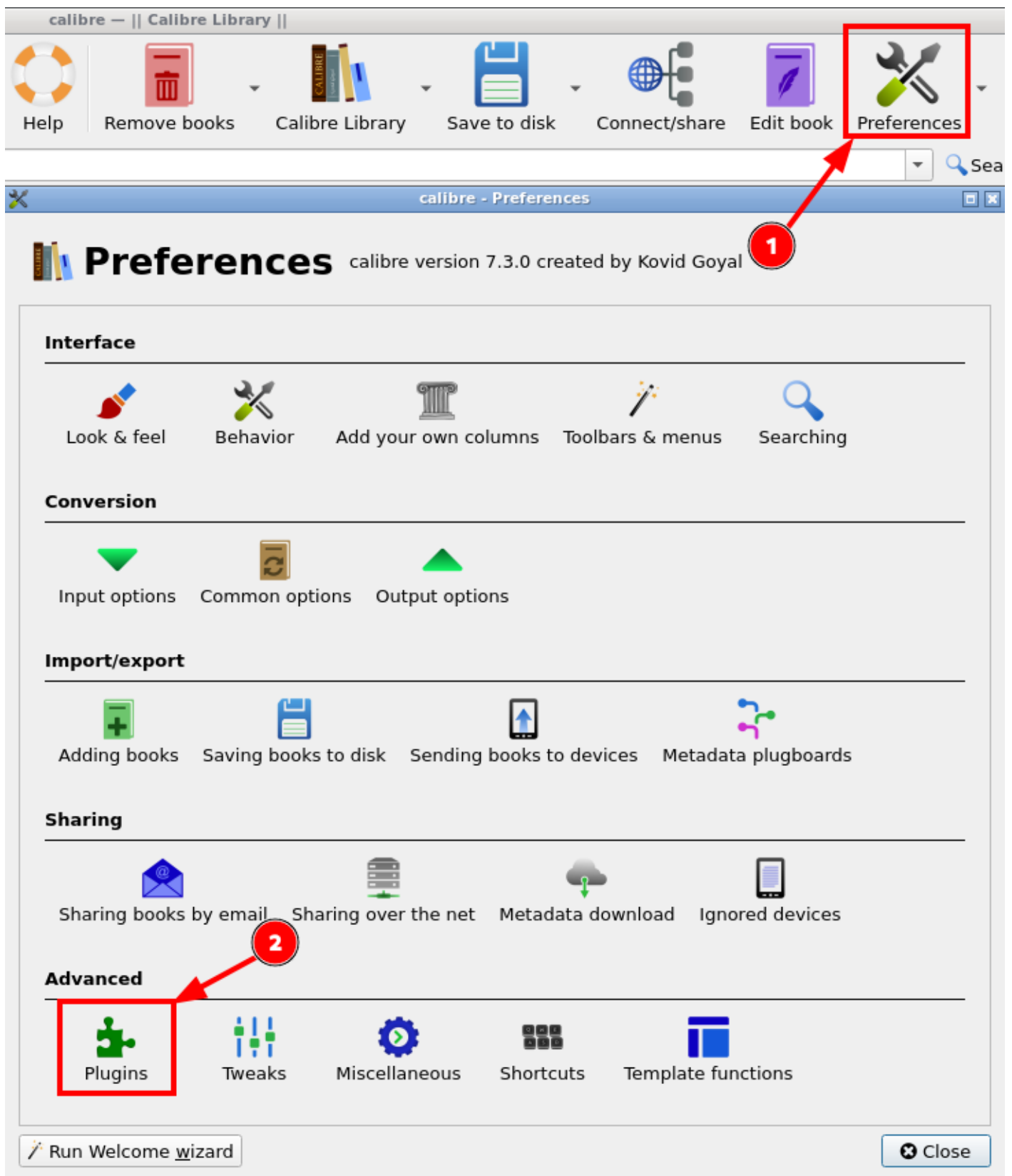


- If done successfully, you should see your book added to the library. To read it, simply double-click on it or click the **View** button in the top bar.
- However, you will have a better reading experience with [Calibre-Web](#) or a third-party reader such as [Moon+ Reader](#).

# Plugins

## Enable/Disable Plugins

The functionality of Calibre can be extended by the use of plugins. For a complete list of all available plugins, follow [this link](#).

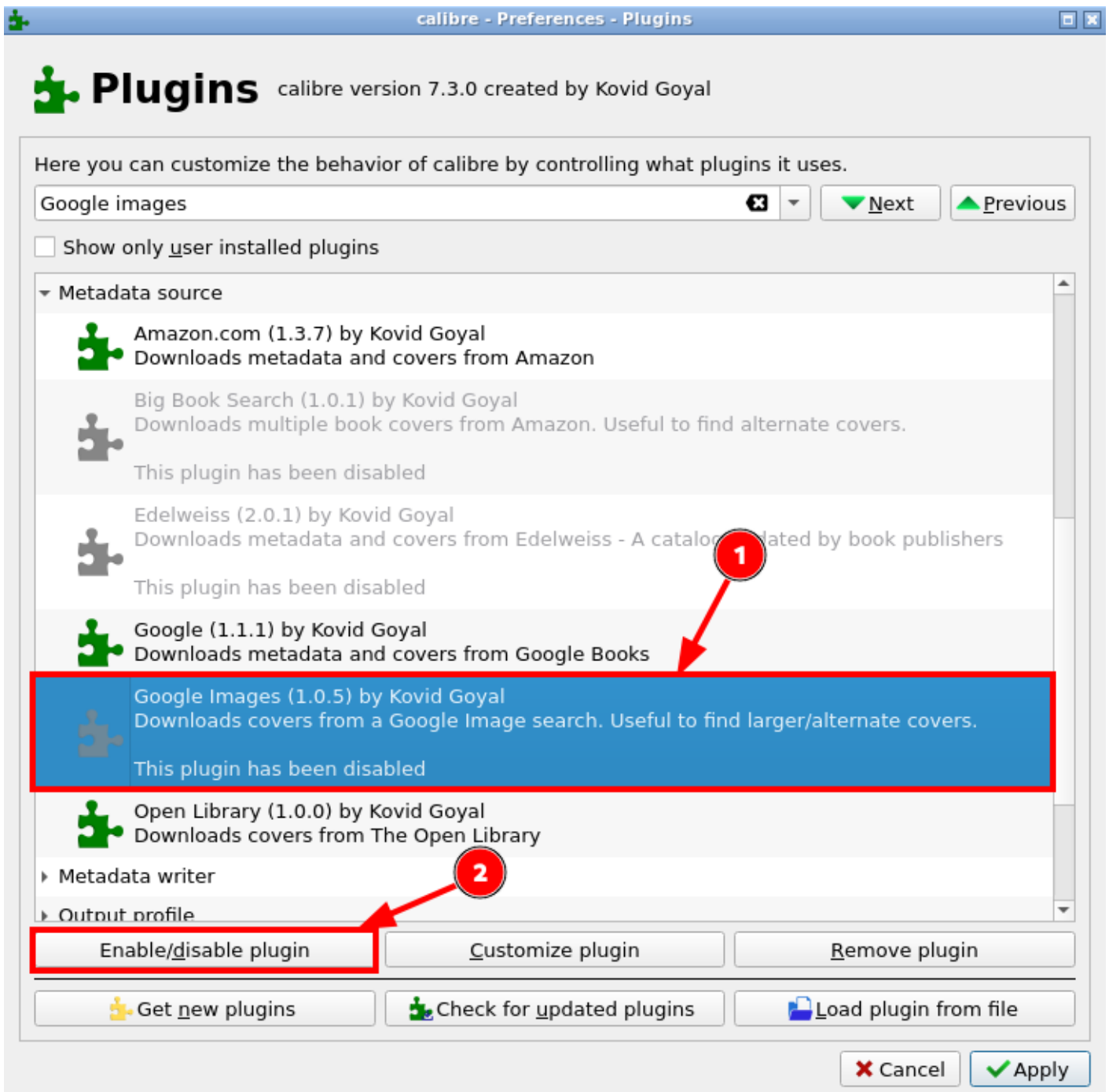


- To enable a Calibre plugin, click on  Preferences in the top menu bar.
- Then, click on  Plugins.





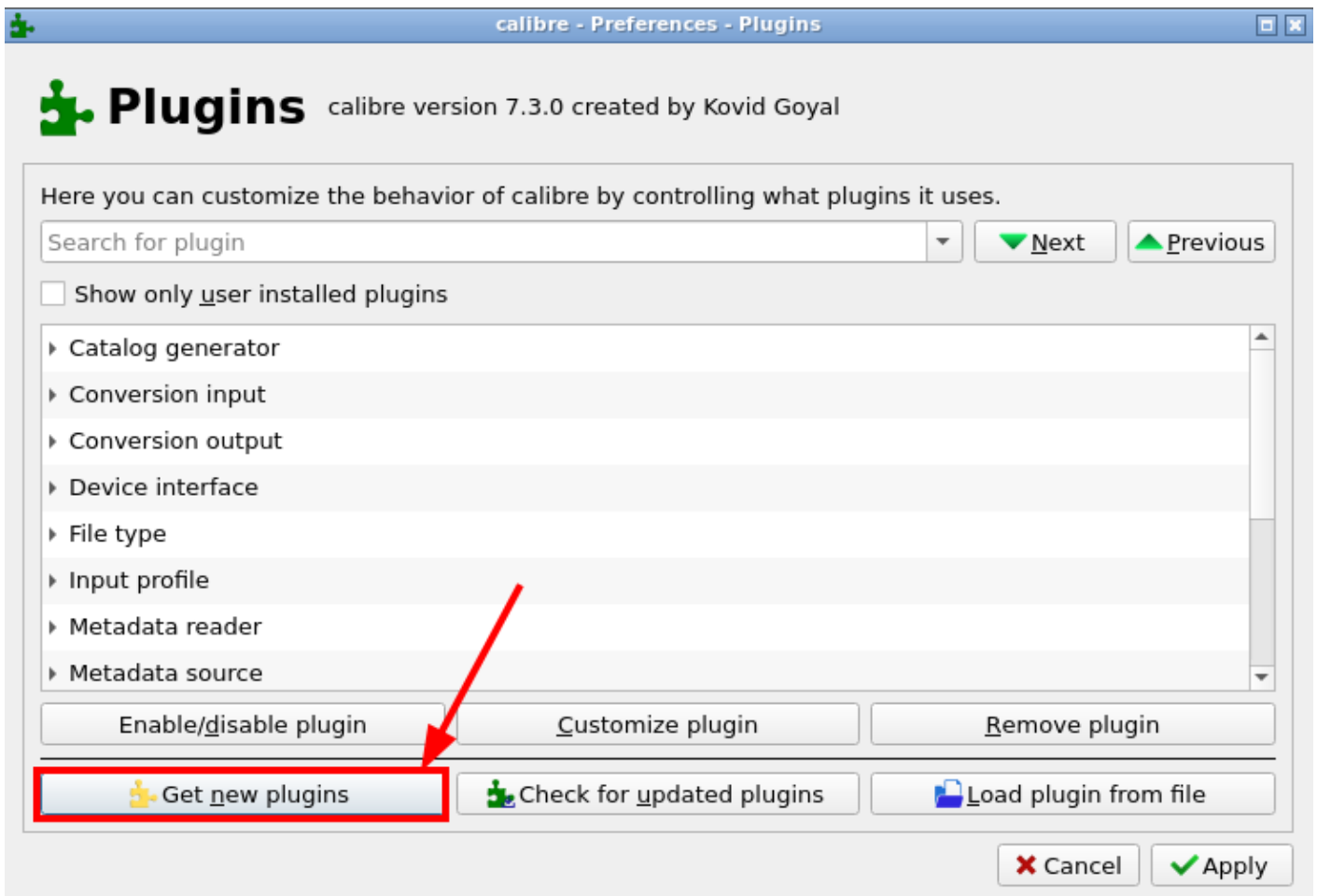
- Next, in the search field, type the plugin name you want to enable, and press **ENTER** on your keyboard.
  - Plugins that are already enabled, will be marked with a green puzzle piece icon.



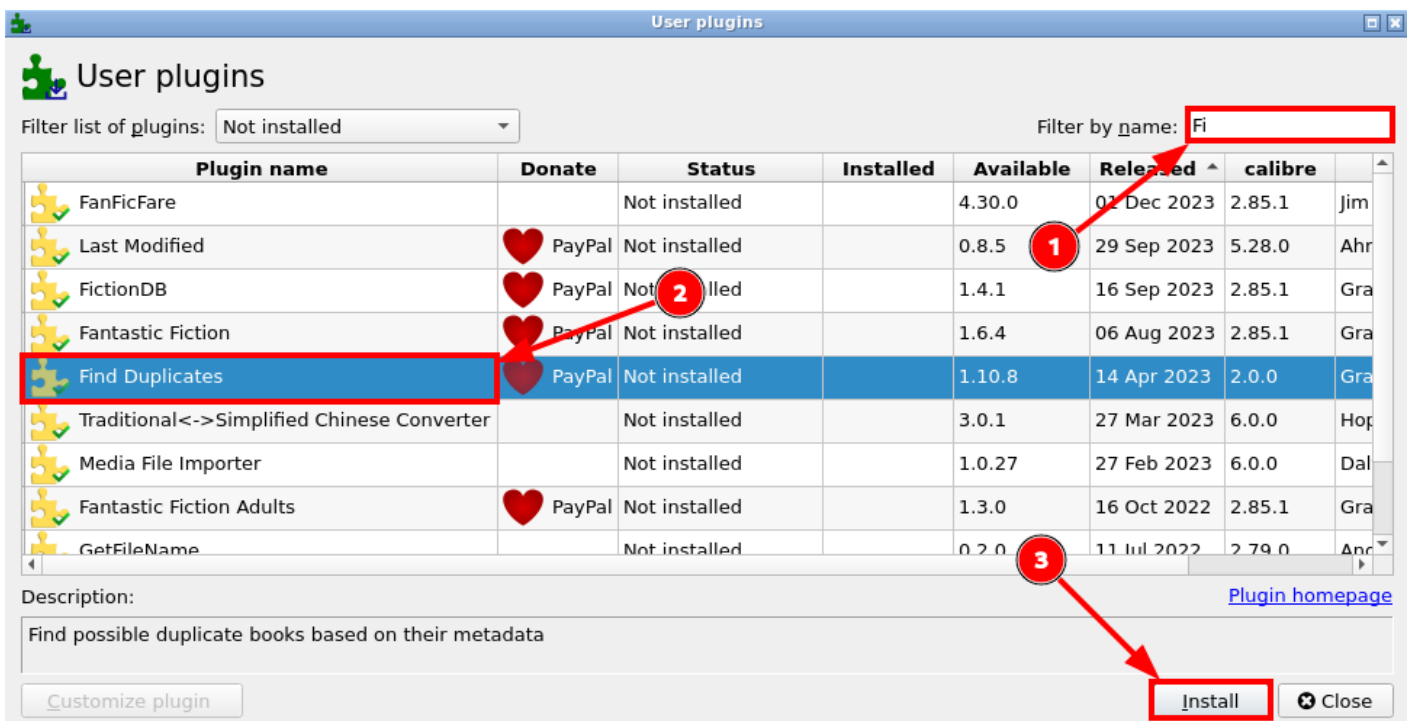
- In the search results listed,  highlight the plugin you want to enable.
- Press  **Enable/disable plugin**.

## Add External Plugin

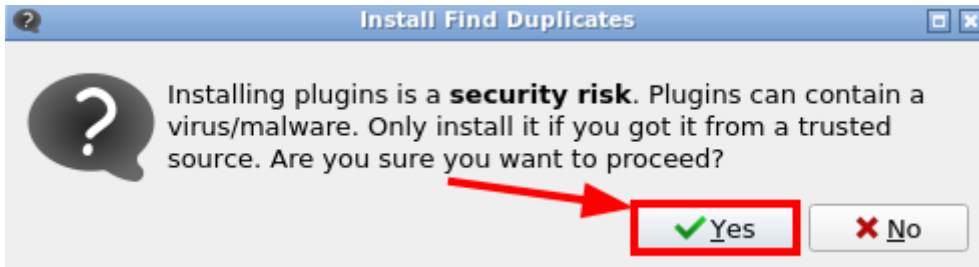
In addition to the plugins that are already available within Calibre, external plugins can be installed from the [Index of Calibre plugins](#). To install one of these plugins, follow the below instructions.



- In the **Plugins** window, press the **Get new plugins** button.



- A new window called **User plugins** will appear.
- ☐ Search the plugin
- ☐ Highlight the plugin
- ☐ Press the **Install** button.



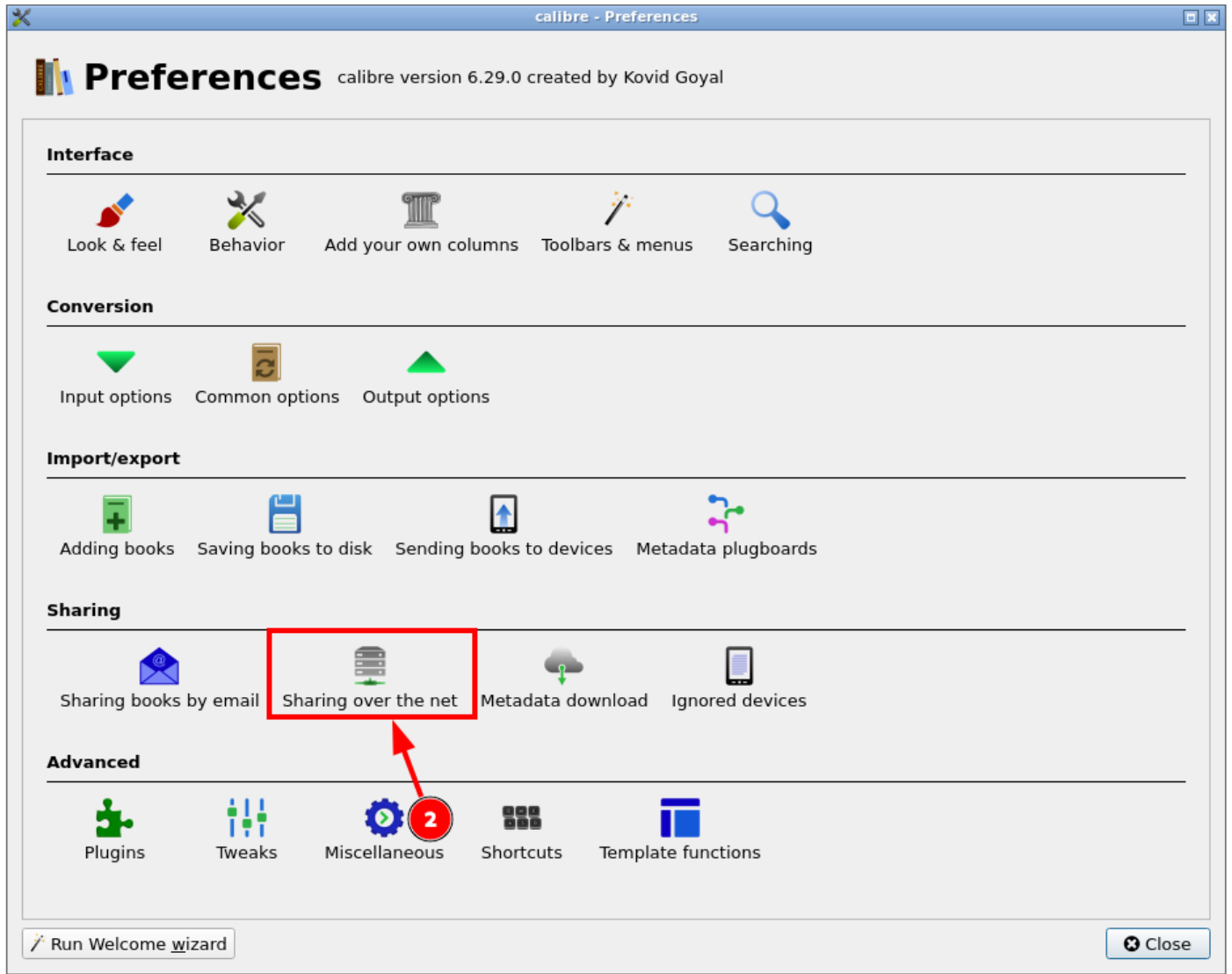
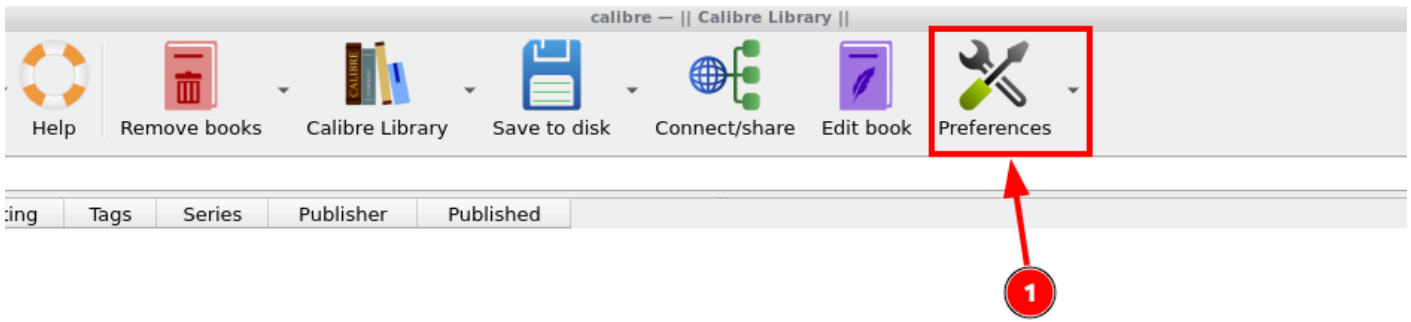
- A warning about virus/malware may appear. Press the **Yes** button.
- Depending on what plugin you have installed, you may be asked to restart Calibre.
- Done!

# Calibre Content Server

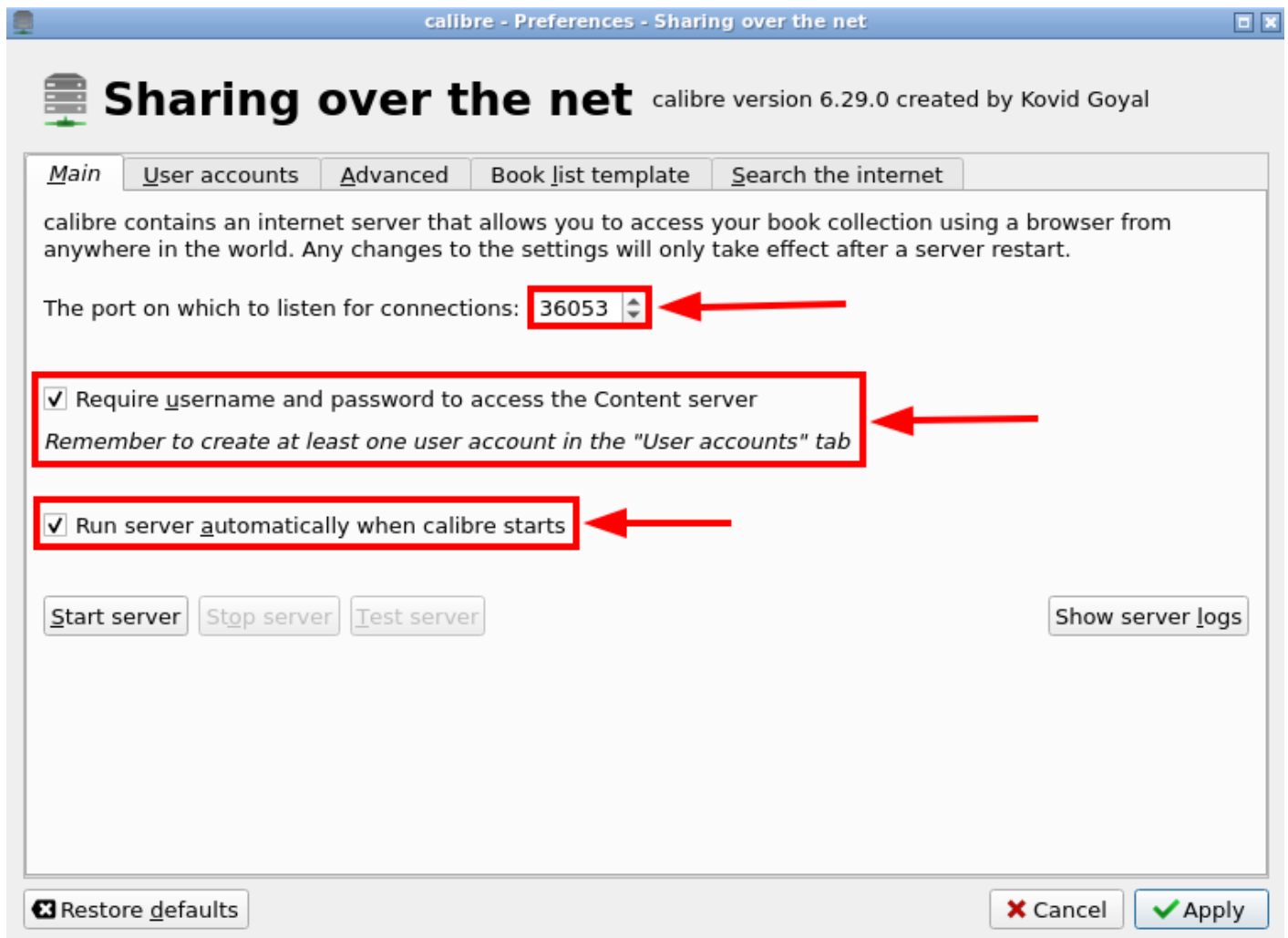
Due to Calibre running in a Docker container, the Calibre Content Server can only be accessed internally by applications running on your Ultra service. To remotely access your Calibre instance, you can set up [Calibre-Web](#) to access your ebook library from a third-party ebook reader such as [Moon+ Reader](#).

Calibre can operate as a server that you can connect to from other applications within the Ultra.cc infrastructure, such as [Readarr](#). In this section, we will show you how to set up and start your Calibre content server.

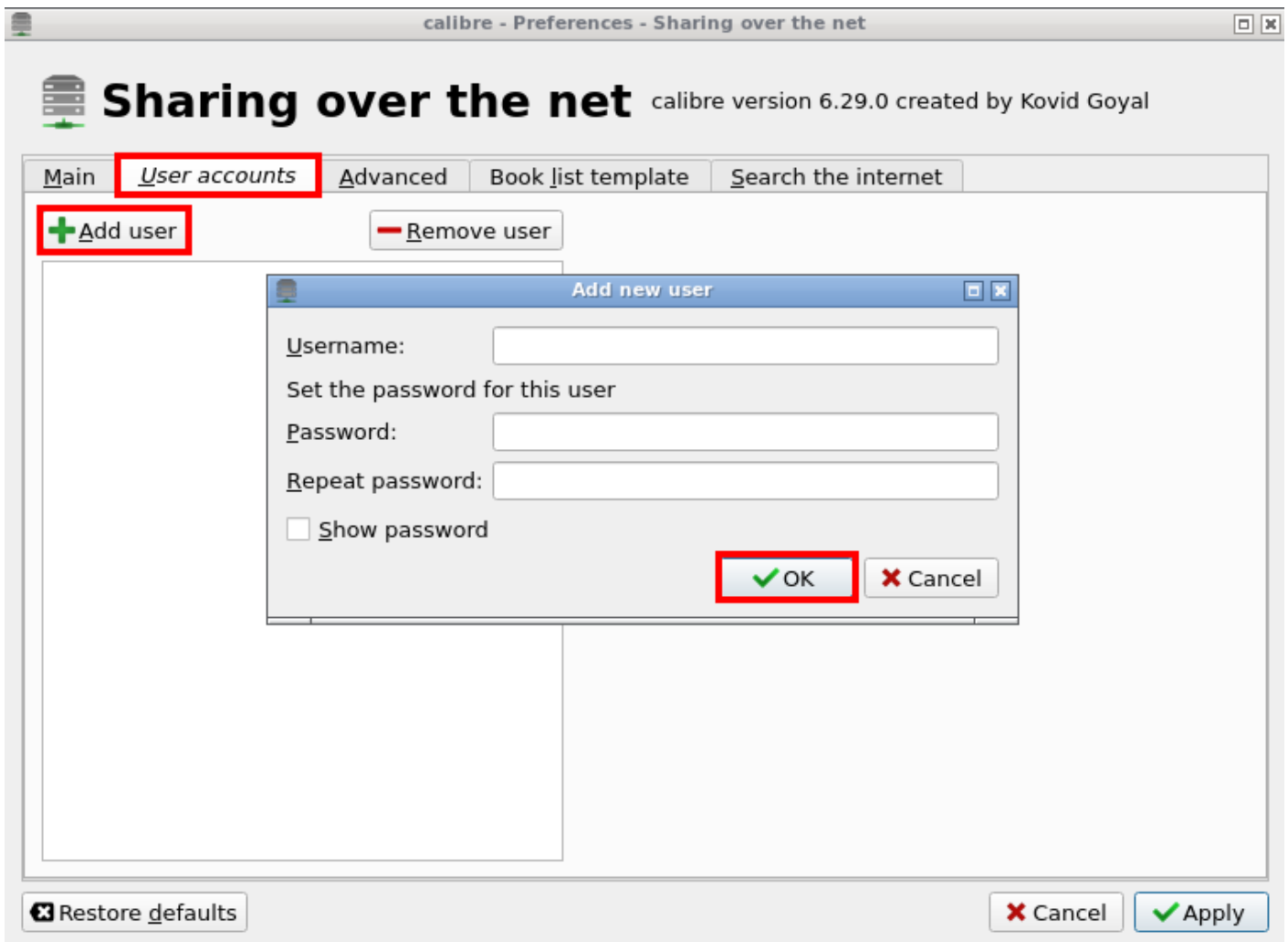
- In Calibre, click on  **Preferences** in the top menu bar.
- Click on  **Sharing over the net**.



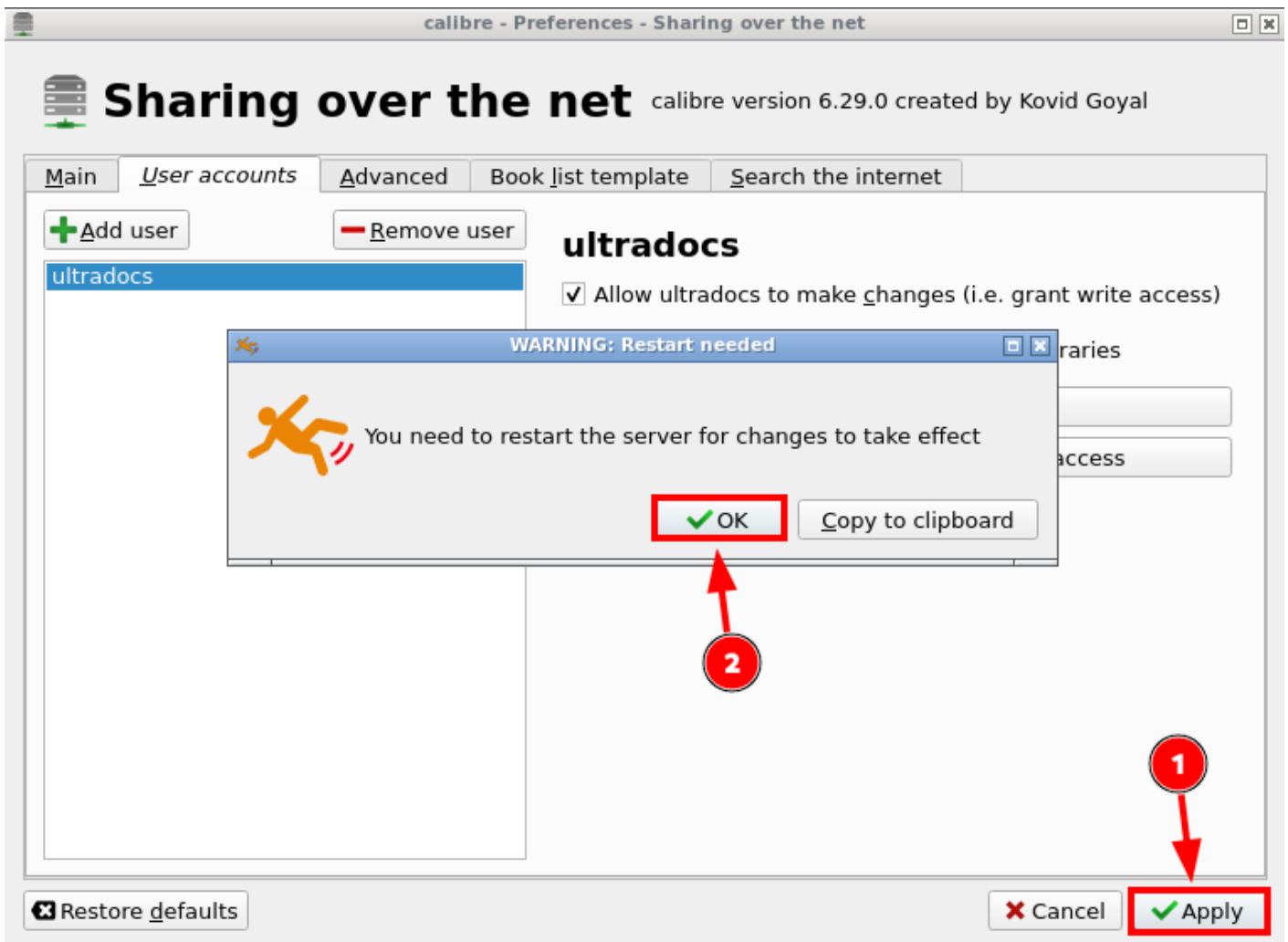
- Next, change the **Port** field to your Calibre port.
  - You can find your Calibre port by executing `app-ports show`.
- Make sure to enable:
  - `Require username and password to access the Content server`
  - `Run server automatically when calibre starts`



- Next, click the **User Accounts** tab.

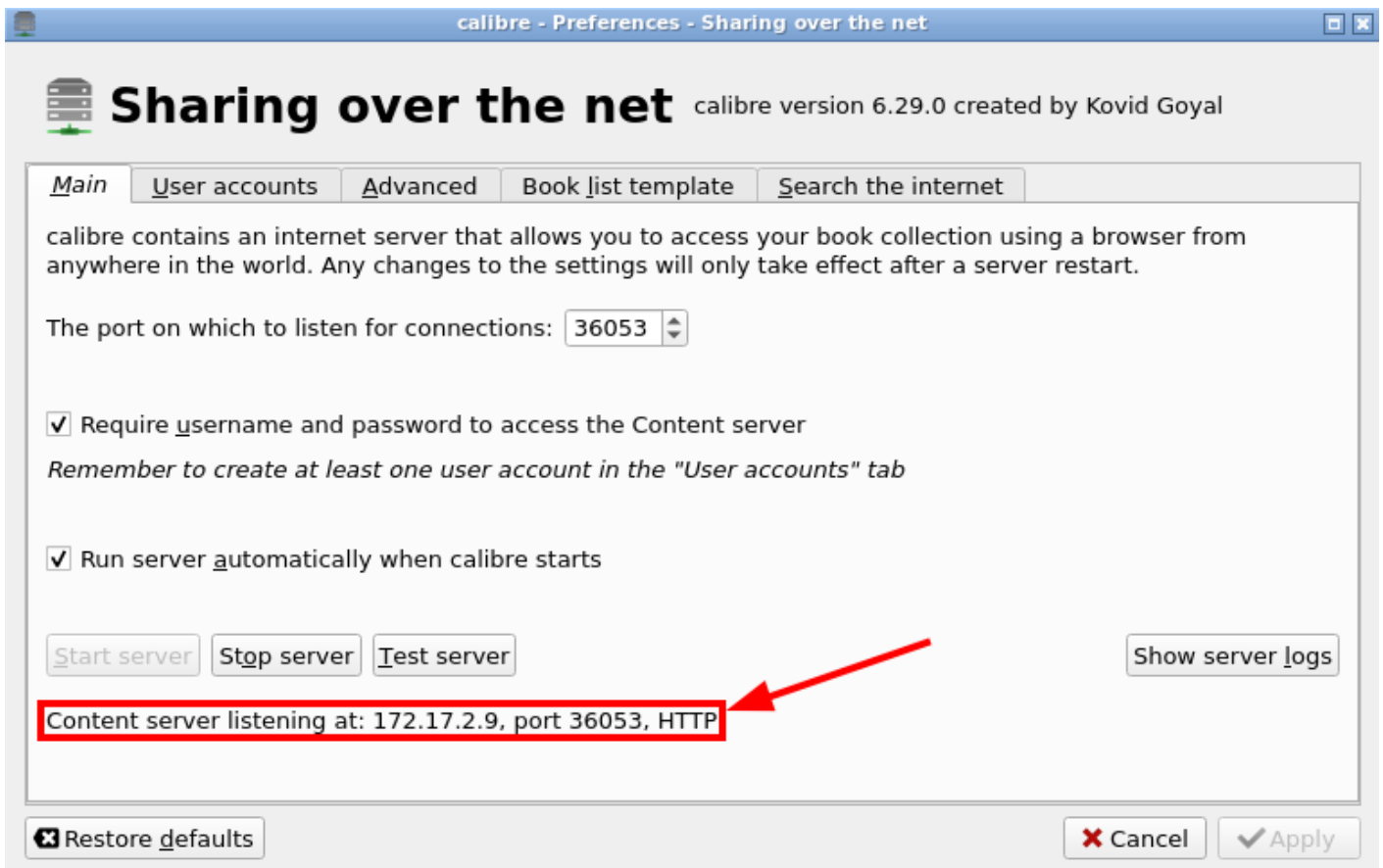


- Then, click the **+ Add User** button.
- Choose a **Username** and **Password**.
- Click the **OK** button.



- To save the changes, click **Apply** and **OK**.
- Restart Calibre by executing `app-calibre restart`, then wait 2-3 minutes to let the Calibre Content Server initialize.





- Once Calibre has been successfully restarted, go to **Preferences > Sharing over the net**, and take note of the IP-address and port the content server is listening at. In your case, the IP-address and port will be different than what is shown in the above image.
- The IP-address and port will be needed when connecting to your Calibre Content Server from another application, such as [Readarr](#).

## Calibre CLI

Calibre can also be managed via Command Line Interface instead of the webUI by interacting with the Calibre binaries. Documentation regarding the usage of the Calibre binaries can be found [here](#). To execute an internal Calibre binary, you can use the `app-calibre exec` command.

- To list the binaries that are allowed on your Ultra.cc service, execute the following command:

```
app-calibre exec -l
```

- To execute an internal binary with included command option, execute the command in the following format:

```
app-calibre exec -c calibre-customize -a "--list-plugins"
```

```
app-calibre exec -c ebook-convert -a "--help"
```

- The above commands can of course be edited to any of the allowed binaries and their respective command options. Usage instructions can be found [here](#).

# Calibre-Web

Calibre-Web is a web app that offers a clean and intuitive interface for browsing, reading, and downloading eBooks using a valid Calibre database.

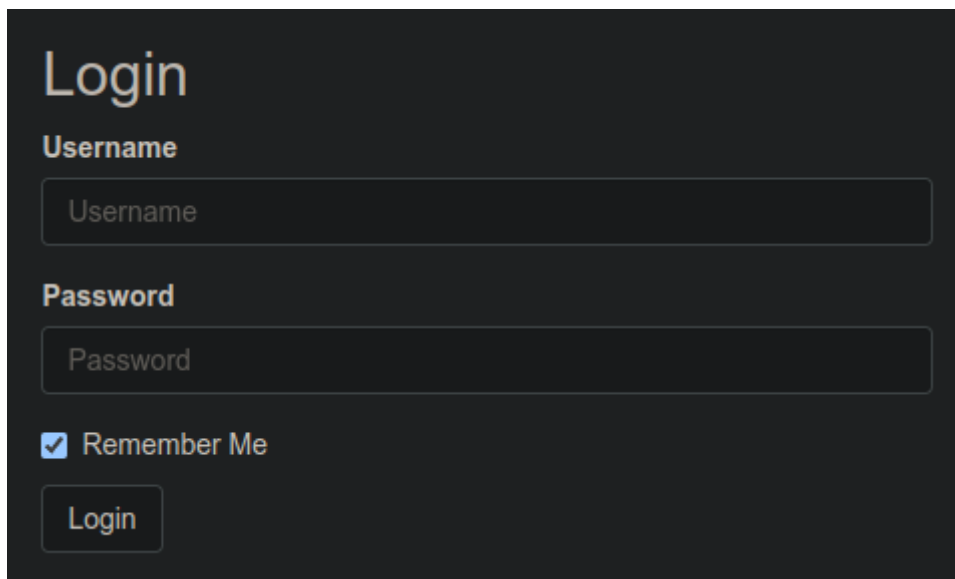
- For more information about this app, follow [this link](#).

## Initial Setup

- Install Calibre-Web from the **Installers** tab on the [User Control Panel](#). Make sure to choose a [strong password](#).

## Usage

- Once Calibre-Web has been successfully installed, paste the copied URL into your web browser.
- A login form should appear.

A dark-themed login form with the title "Login" in a large, light-colored font. Below the title are two input fields: "Username" and "Password", each with a label above it. The "Remember Me" checkbox is checked. A "Login" button is at the bottom.

Login

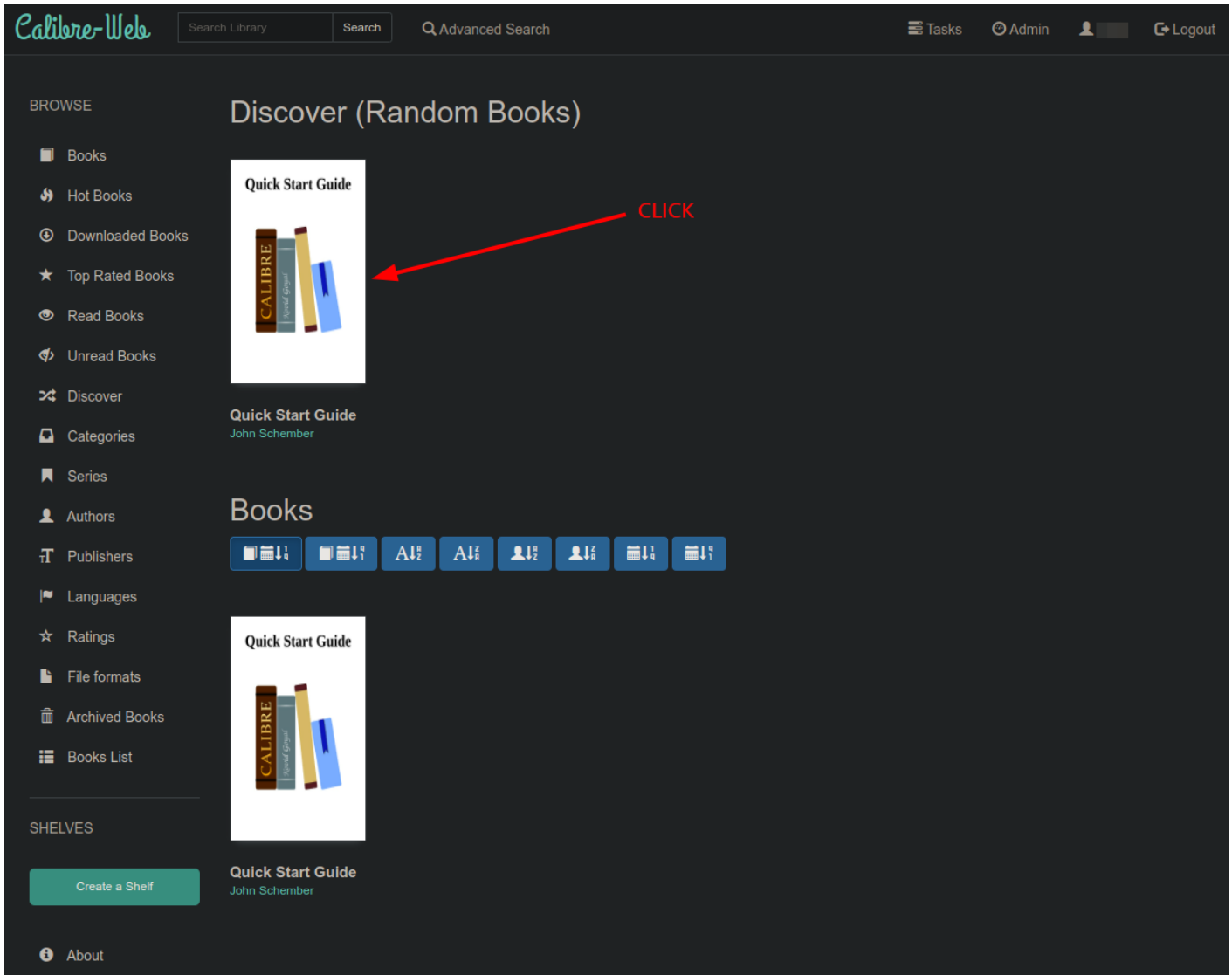
**Username**

**Password**

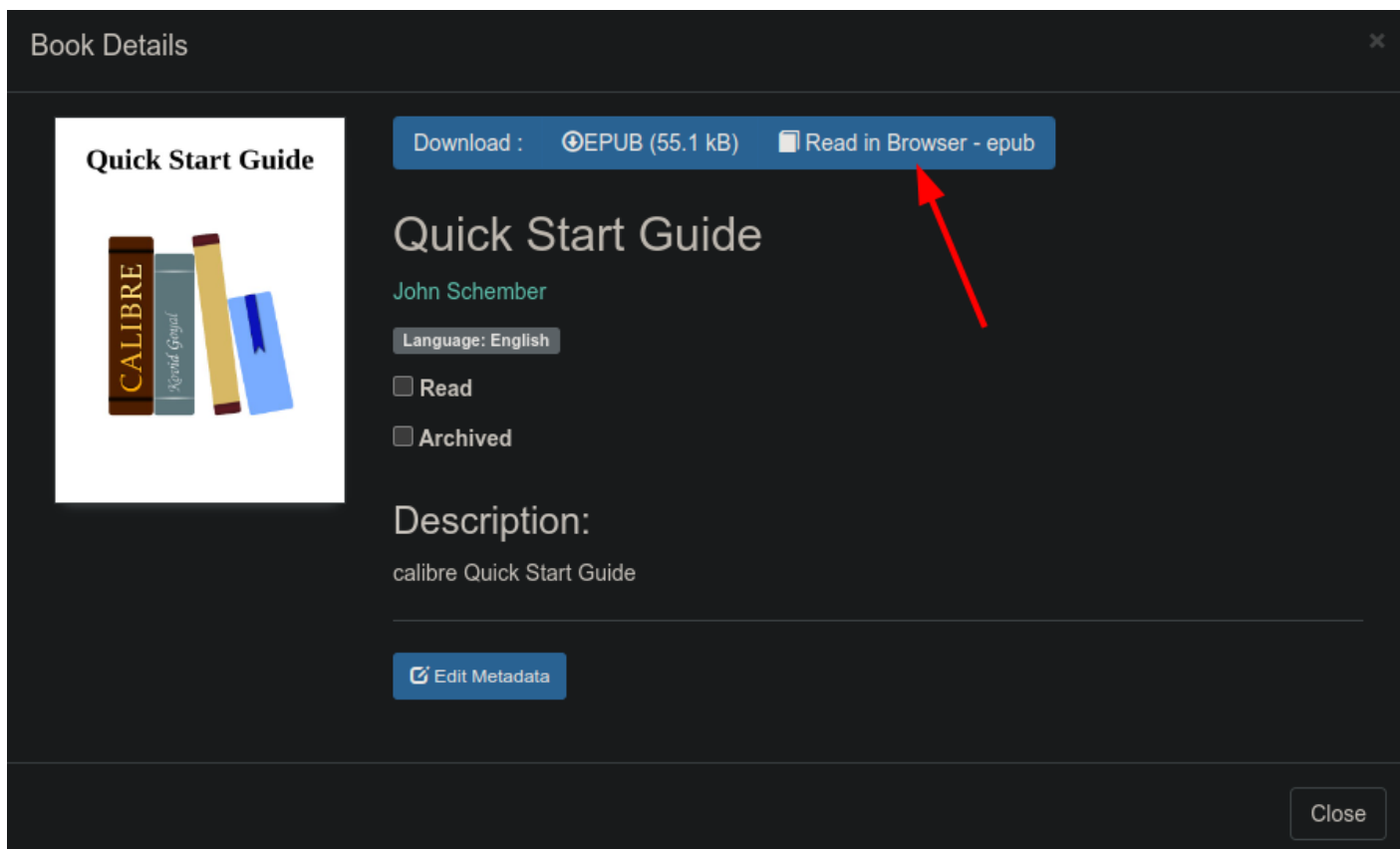
☒ Remember Me

Login

- Enter your `username` and the `password` you previously set during installation of Calibre-Web.
- Click the **Login** button.



- Once logged in, the Calibre-Web UI will appear and any books you have previously added during the setup of [Calibre](#), will appear on the home page.
- To read a book, click on the book cover to reveal the reading options available.

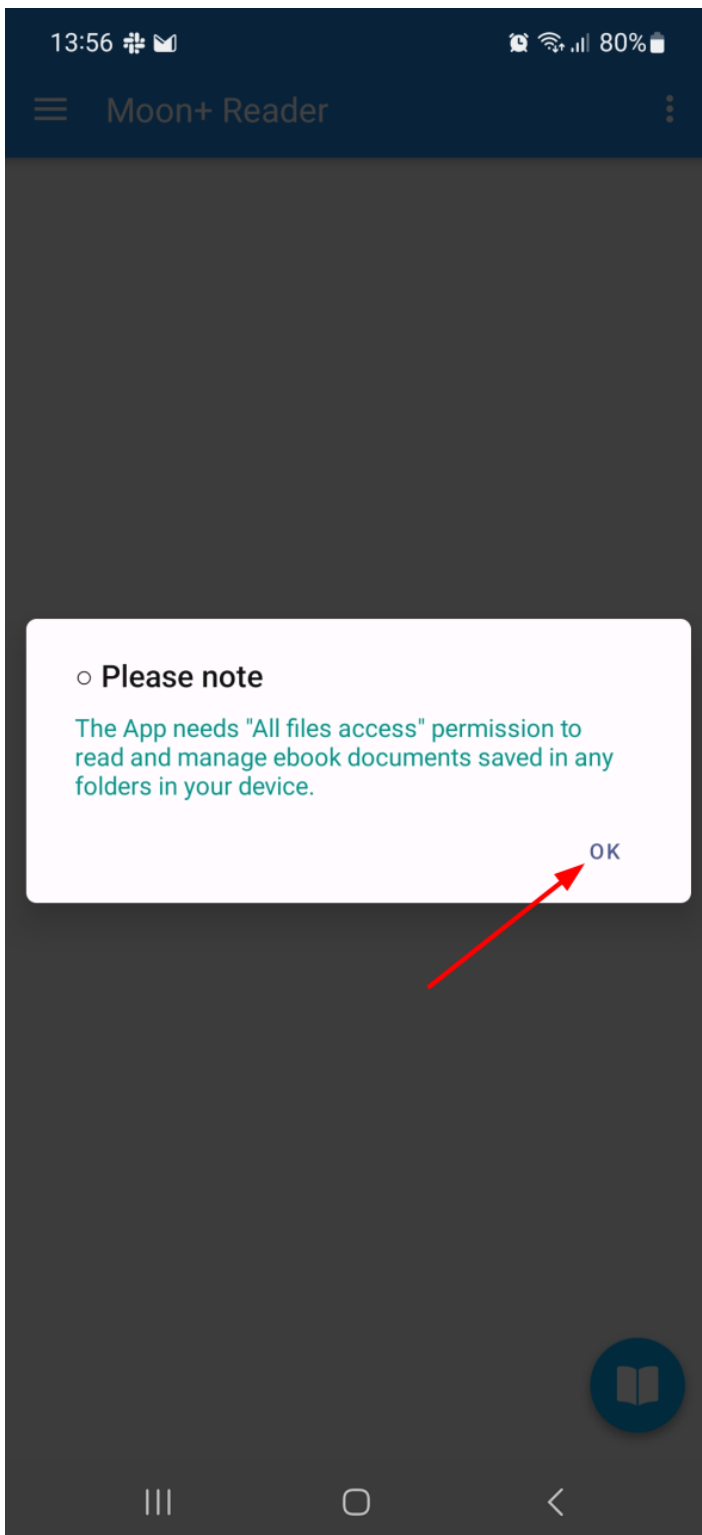


- To read the book, simply click the **Read in Browser - epub** as shown in the above image.
  - To download the book for offline reading, click the **Download** button on the left.

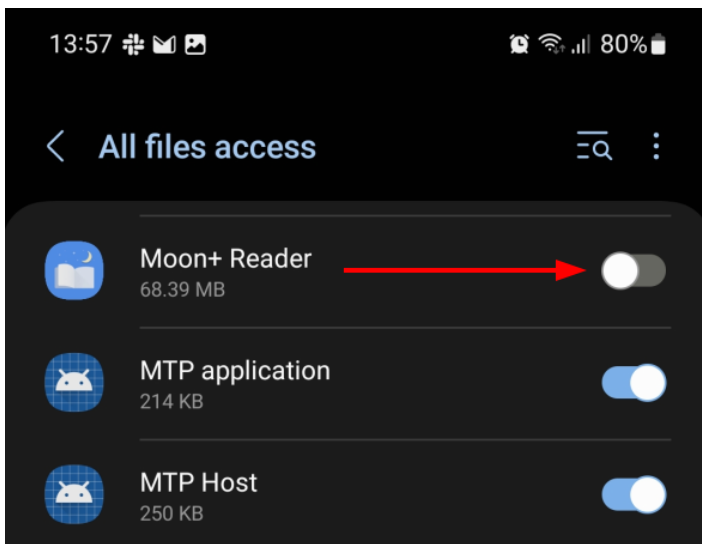
## Access from Moon+ Reader

You can also access your Calibre ebook library from a third-party ebook reader such as [Moon+ Reader](#). Follow the instructions below to set it up.

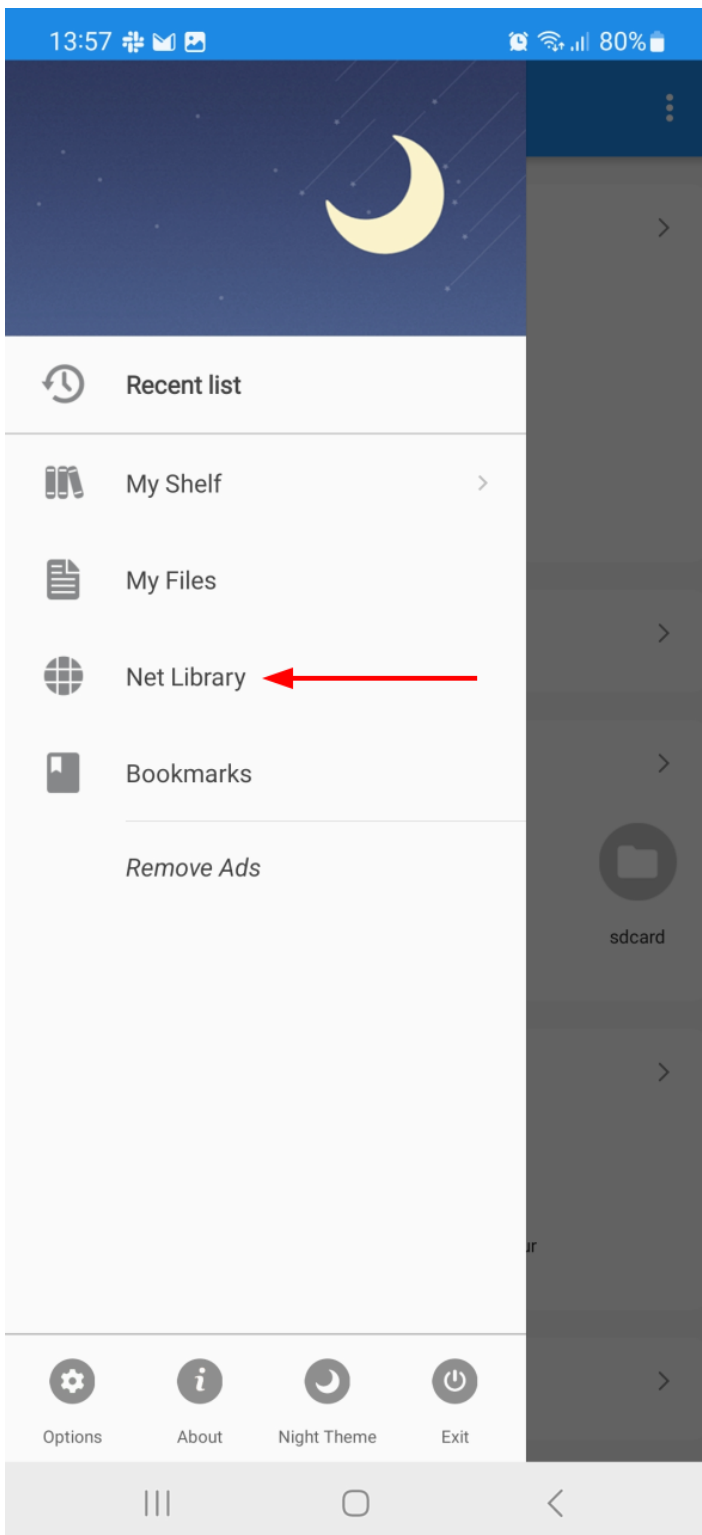
- Go to the Google Play store, download and install [Moon+ Reader](#).
- When you first open the app, you will need to allow "All files access" permission to the app, as shown in the below image.



- Click **OK** to open internal permission settings.

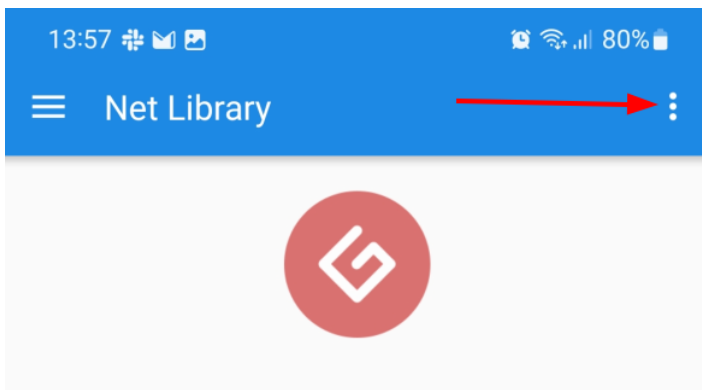


- Find Moon+ Reader in the list and enable "All files access", as shown in the above image.
- Next, go back to the Moon+ Reader app to add access to your Calibre ebook library.

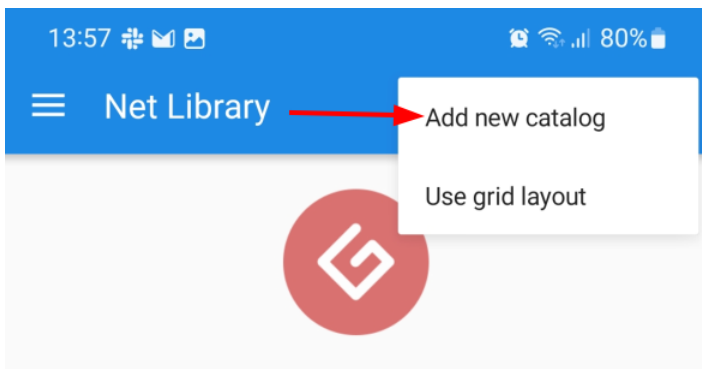


- In the expandable menu, click on **Net Library**, as shown in the above image.





- Next, click the three dots icon in the top right corner.
- In the menu that appears, click **Add new catalog**, as shown in the below image.



- You will be presented with a form where you can add **Catalog Name** and **Catalog URL**.

### Add new catalog

Catalog Name (Optional):

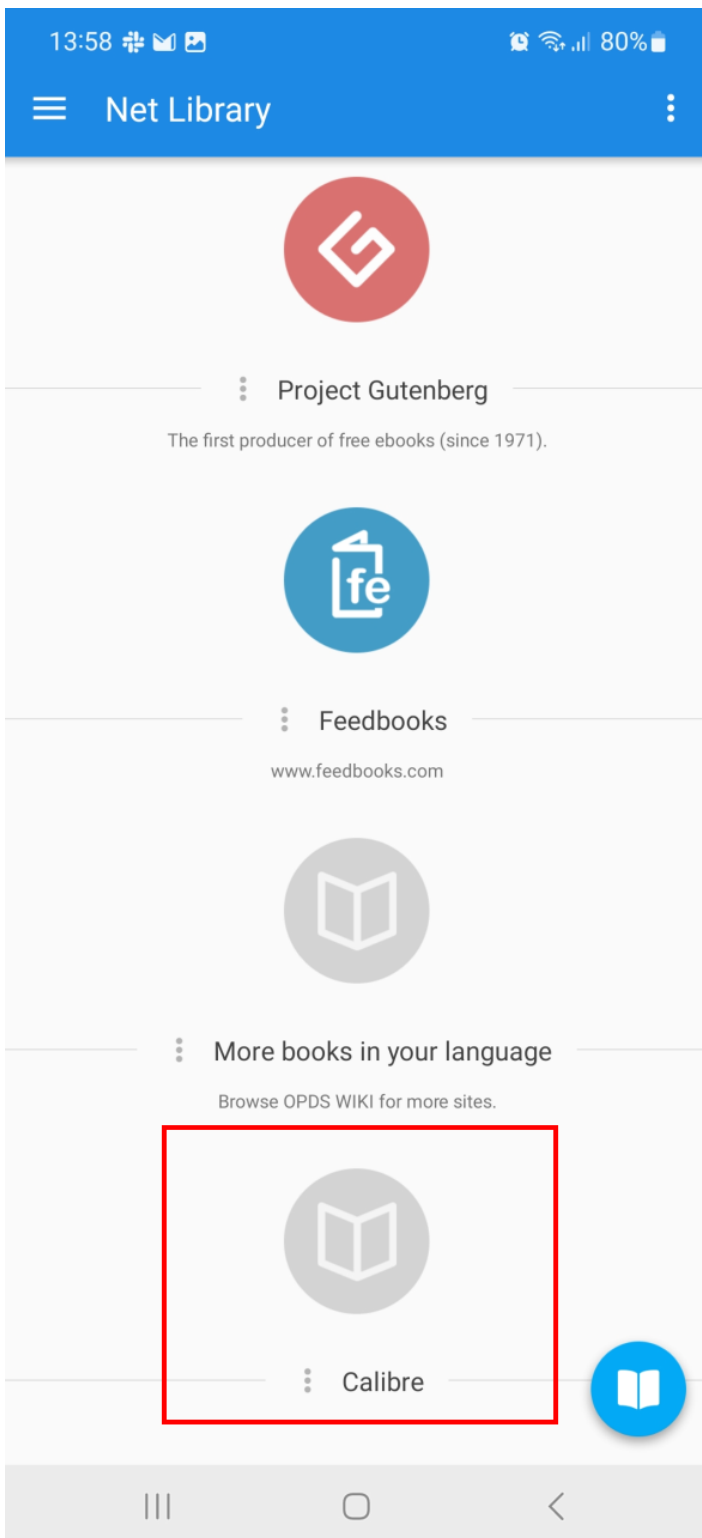
---

Catalog URL:

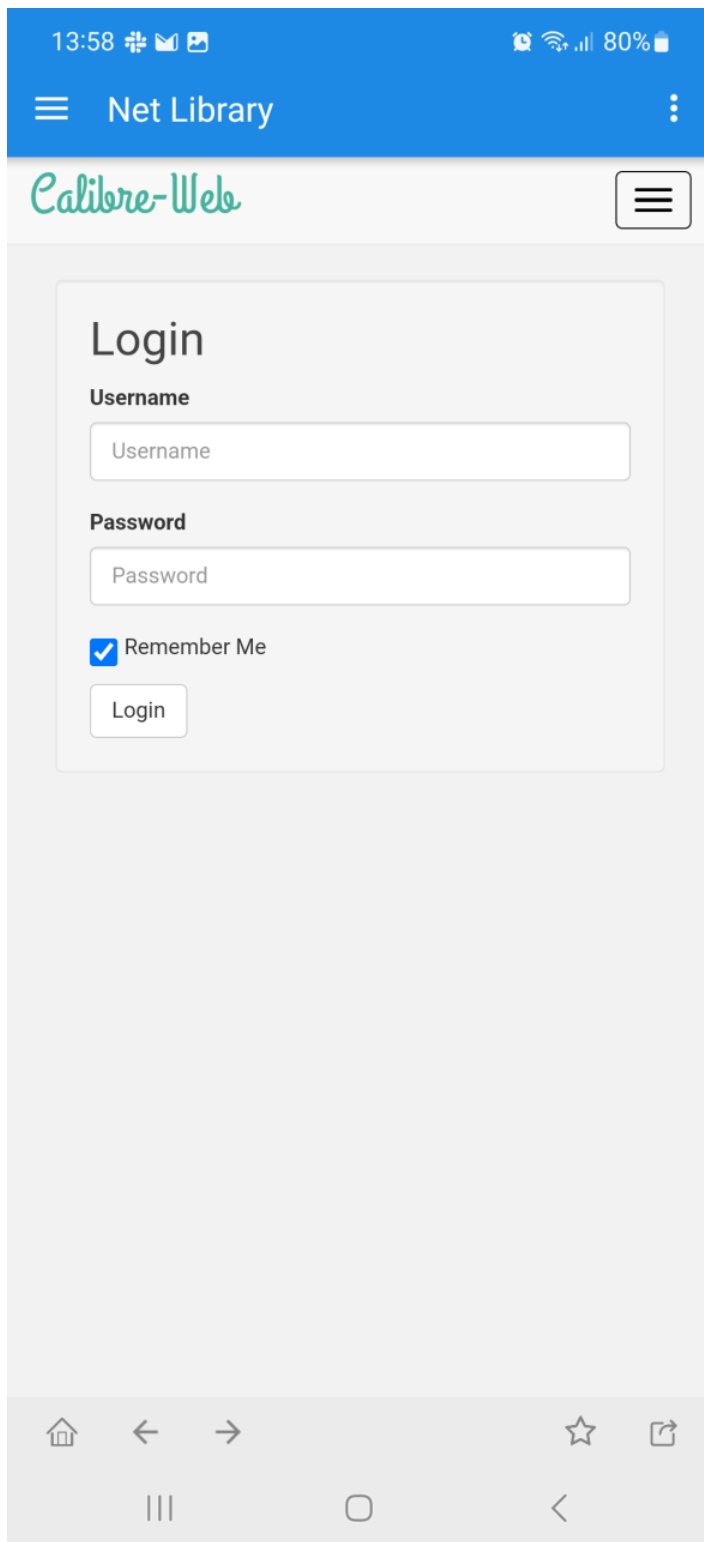
http:// ✕

**CALIBRE IP** **CANCEL** **OK**

- **Catalog Name** can be set to whatever you please.
- **Catalog URL** needs to be set to `https://username.hostname.usbx.me/calibre-web`
  - Make sure to replace `http://` with `https://`
  - Make sure to replace `username` and `hostname` with your Ultra.cc service specific username and hostname.
- Click **OK** to proceed.



- You should now see your Calibre ebook library added at the bottom of the **Net Library**. In this example, we named it Calibre.
- Click the Calibre icon to open your Calibre ebook library.



- If done correctly, you should be presented with a login form to access Calibre-Web.
- Log in with your Ultra.cc service username and the password you previously set during the Calibre-Web installation.
- Done!