



Installing and Using Calibre

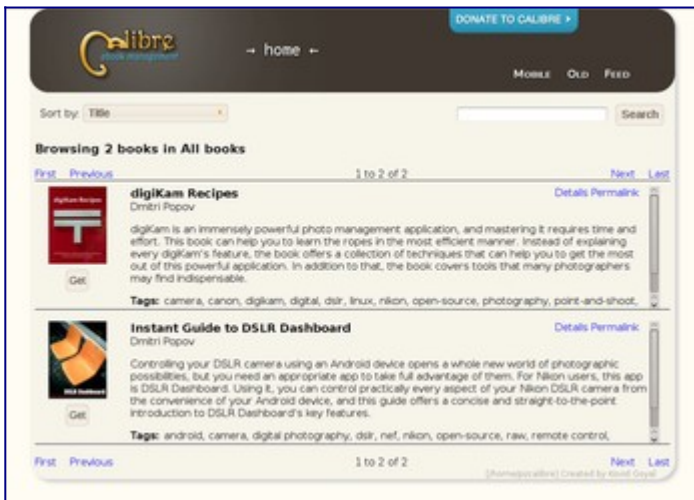
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Reviewed

Description: Installing and using Calibre v1

Introduction

There is probably nothing better for managing, converting, and sharing ebooks than Calibre (<https://calibre-ebook.com/>). You can use it as a regular desktop application for reading and organizing ebooks, but Calibre also features a built-in server for sharing ebooks on a local area network (LAN) as you would find in most schools. You can even set it up on the Internet. In practical terms, this means that you can publish your ebook library to the school computers and access all your ebooks from any machine using a browser. To publish your ebook library, you can turn Raspberry Pi or a PC running the Raspbian operating system into a Calibre server. Best of all a fairly recent version of Calibre is available in the Raspbian software repository so this project can be done in a few simple steps.



Note: Calibre doesn't allow you to create libraries and populate them with ebooks from the command line. However you can copy the library from one machine to another.

I keep my library in `/home/pi/calibre`.

Install Calibre on Raspberry Pi using the following command:

```
sudo apt-get update
```

```
sudo apt-get install calibre
```

Run then the `calibre-server` command followed by the path to the Calibre library:

```
calibre-server --with-library=/home/pi/calibre
```

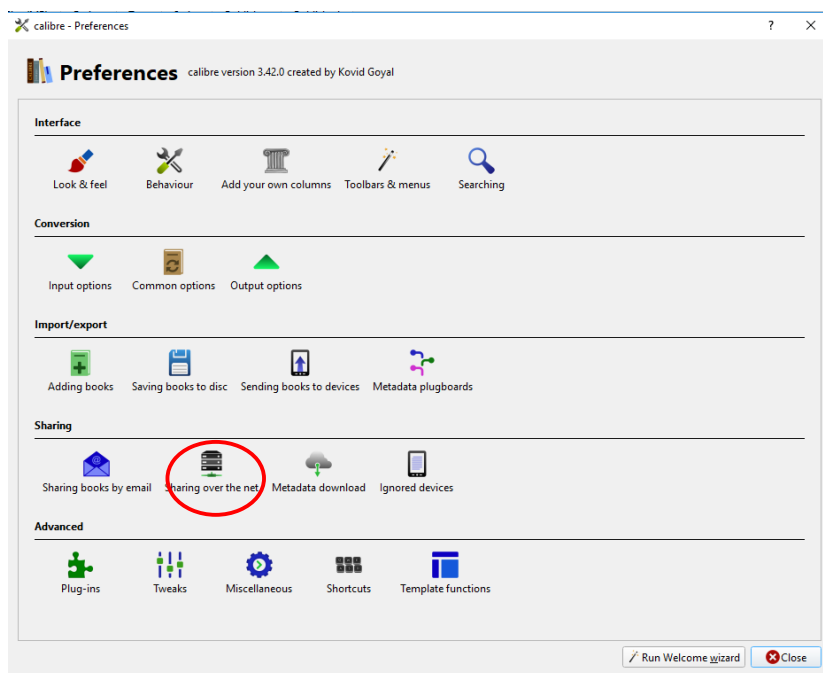
Once the server is up and running, you can access the published library by pointing a browser to `http://<MyRPIIPaddress>:8080` (replace `MyRPI` with the actual IP address or domain name of your Raspberry Pi server). The `calibre-server` command supports several options. To restrict access to the published library, you can protect it with a password using the `--password` option, and to run the Calibre server in the background as a daemon, use the `--daemonize` option. Refer to the Calibre documentation (<https://manual.calibre-ebook.com/cli/calibre-server.html>) for a list of options and their descriptions.

To change the browser port number, in case of a clash.

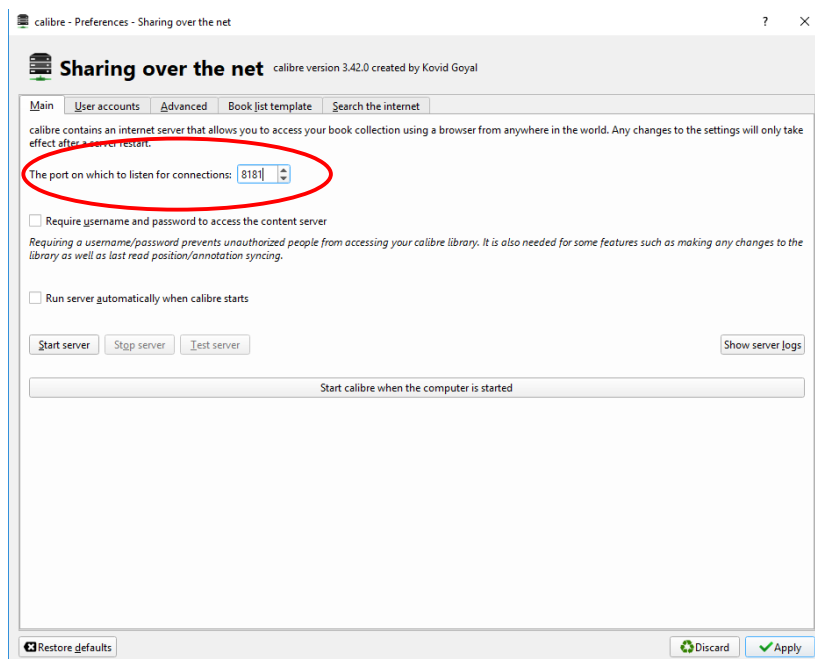
Find the **Preferences** tool and click on it.



Then look for **Sharing over the net** and click on it.



Finally change the port number. Be careful here unless you know the ports that are in use!



I chose 8181 because Kolibri uses port 9090 on my Raspbian but 8080 on some installs!