

# Readarr

Readarr is an audio and ebook content manager that is able to sort, and rename content metadata. All in a beautiful UI with full SSL support.

For more information about this application, follow [this link](#)

In this section, we'll be setting up Readarr for the first time. This guide assumes that this is your first time installing Readarr, and you'll be storing your media locally, saving it to `~/media`. We'll be doing the following:

- Enabling automatic organization and adding a root folder.
- Connecting your download clients.
- Connecting to a Calibre library.

## Enabling Automatic Organization

- Access and log in to your Readarr instance using the credentials you set during installation
- Go to **Settings**
- Make sure that advanced settings are set to **Shown** and click **Media Management**
- Under Book Naming section, check Rename Books
- Under Importing section, make sure that **Use hardlinks instead of copy** is checked
  - Hardlinks effectively creates a file that points directly to your source file in the disk. You can do anything to this file without affecting your source file and vice versa.

## Add your media Root Folder

- To add your Root Folders, select **Add Root Folder** also under Settings -> Media Management
- This will bring up the File Browser window.
- From here, navigate to your `~/media/` folder and select the correct folder
- Once that's done, click **OK**. You'll see the absolute path of the Root folder.
- Click **Save changes** to save your changes

## Adding Download Clients

- Now, click the **Download clients** tab.
- To add your preferred client, click the big **+** button, then select your preferred client.
- Be sure to enable **Show Advanced settings** Using the **Cog Icon** in the top left-hand side to show **URL Base Field**.

## Torrent Clients

### Deluge

```
Host: {username}. {servername}. usbx. me
Port: 443
```

URL Base: /deluge  
Password: As configured in UCP under Deluge  
Category: readarr  
Add Paused: NO  
Use SSL: YES

## qBittorrent

Host: {username}.{servername}.usbx.me  
Port: 443  
URL Base: /qbittorrent  
Password: As configured in UCP under qBittorrent  
Category: readarr  
Use SSL: YES

## rTorrent

Host: {username}.{servername}.usbx.me  
Port: 443  
URL Path: /RPC2  
Username: {username}  
Password: As configured in UCP under ruTorrent  
Category: readarr  
Add Stopped: NO  
Use SSL: YES

## Transmission

Host: {username}.{servername}.usbx.me  
Port: 443  
Username: {username}  
Password: As configured in UCP under Transmission  
Category: readarr  
Add Stopped: NO  
Use SSL: YES

## Usenet Clients

### SABnzbd

Host: {username}.{servername}.usbx.me  
Port: 443

URL Base: /sabnzbd  
API Key: As obtained from SABnzbd  
Username: {username}  
Password: Configured during SABnzbd setup  
Category: readarr  
Use SSL: YES

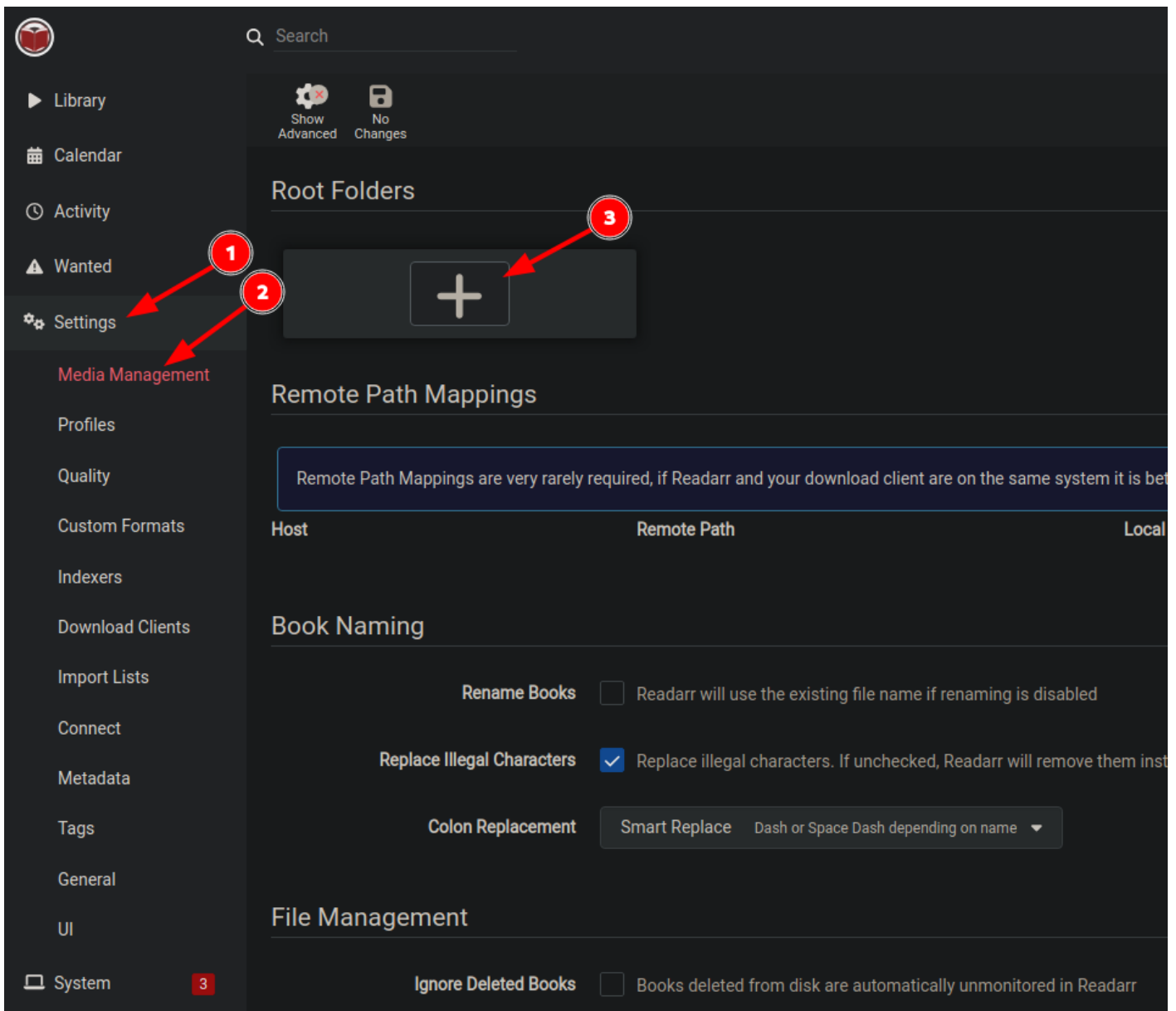
## Nzbget




Host: {username}. {servername}. usbx. me  
Port: 443  
URL Path: /nzbget  
Username: {nzbget username}  
Password: {nzbget password}  
Category: readarr (You may need to update this in NZBGET Settings if connection fails)  
Add Paused: NO  
Use SSL: YES

# Connect to Calibre Content Server

In this section, we will show you how to connect Readarr to your Calibre Content Server.

- Before proceeding, make sure you have properly set up your [Calibre Content Server](#).



- Open the Readarr webUI.
- In the left-hand menu, click  **Settings** and  **Media Management**.
- Then, under the **Root Folders** section, click the big  button.

Add Root Folder

Root Folder

Name

Path

Root Folder containing your book library

This must be different to the directory where your download client puts files

Added Author Settings

Monitor

All Books

Which books should be monitored on initial add for authors detected in this folder

Monitor New Books

All Books

Which new books should be monitored

Quality Profile

eBook

Default Quality Profile for authors detected in this folder

Metadata Profile

Standard

Default Metadata Profile for authors detected in this folder

Default Readarr Tags

Default Readarr Tags for authors detected in this folder

Calibre Settings

Readarr can interface with Calibre's Content Server. It cannot use Calibre-Web, which is unrelated software.

Use Calibre Content Server

Use Calibre Content Server to manipulate library

More Info

Cancel

Save

- The **Add Root Folder** window will appear.
- Choose a **Name**.
- Set your **Root Folder Path**.
  - If you did not set a custom path during the installation of Calibre, the default path is `/home/username/media/Calibre Library/`. With `username` being replaced with your Ultra.cc service username.
- Next, enable **Use Calibre Content Server** to reveal further settings.

## Calibre Settings

Readarr can interface with Calibre's Content Server. It cannot use Calibre-Web, which is unrelated software.

**Use Calibre Content Server** ☒ Use Calibre Content Server to manipulate library [More Info](#)

**Calibre Host**

Calibre content server host

**Calibre Port**

Calibre content server port

**Calibre Username**

Calibre content server username

**Calibre Password**

Calibre content server password

**Calibre Library**

Calibre content server library name. Leave blank for default.

**Convert To Format**

Optionally ask Calibre to convert to other formats on import. Comma separated list.

**Calibre output profile** Default Output Profile

This profile tries to provide sane defaults and is useful if you want to produce a document intended to be read at a computer or on a range of devices. [Screen size: 1600 x 1200 pixels]

**Use SSL** ☐ Use SSL to connect to Calibre content server

Cancel Save

- Next, enter the details you previously gathered while setting up your [Calibre Content Server](#). Do note, details shown in the above image are just examples and your specific details will be different.
  - **Calibre Host:** IP address of your Calibre Content Server.
  - **Calibre Port:** Port assigned to Calibre, findable by executing `app-ports show`.
  - **Calibre Username:** Chosen username during setup of Calibre Content Server.
  - **Calibre Password:** Chosen password during setup of Calibre Content Server.
- Click **Save!**
- That is it, your Calibre ebook library has now been added to Readarr.

# Backing Up and Restoring Readarr

In this section, we will show you how to backup and restore Readarr.

## Backing Up Readarr

- Log in to your Readarr instance
- In **System > Backup**, click **Backup Now**. This will create a zip archive containing your Backup.
- Click your newly created Backup to download it to your PC.

## Restoring Readarr

- On your newly installed Readarr instance, go to **System > Backup**.
- Click **Restore backup**.
- A window appears. Click **Choose file** and navigate to your Readarr Backup.
- Once selected, click **Restore** and wait for a few moments.
- Go back to the [UCP](#), and under the **Apps** tab, find Readarr.
  - Click on the green **Actions** button and click **Change password**. Make sure to set a [strong password](#).
- Once a new password has been set, log in to Readarr again and check that all of your settings have been restored correctly.

# Troubleshooting Information

### Why is Readarr down with application error 502? It won't come back!

If your Readarr instance is reporting 502, and you have followed all the instructions on the error page (restarting, then upgrading if that fails), then something else is going on. All troubleshooting from here requires you to access your Ultra.cc service via [SSH](#).

- If you use MergerFS in conjunction with Readarr, first ensure your mono instance is not defunct by executing `ps aux | grep defunct`. If it's defunct, killing your mounts will release the process, and you will be able to restart Readarr. Rclone cloud mounts should not be used directly with any application. MergerFS should be used.
- Have you been into the system settings of Readarr recently and use a password manager? Your password manager may have auto-filled the port. The ports should not be modified as they are just the internal docker ports, and SSL is handled via nginx. Please check the ports in the applications `config.xml` with the following command:

```
cat .apps/readarr/config.xml | grep Port
```

- Readarr output should look like this:

```
username@hostname: ~$ cat .apps/readarr/config.xml | grep Port
<Port>8787</Port>
<SslPort>6868</SslPort>
```

- If they report other values, then use a text editor on `config.xml` and change to the port displayed above.

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