

# Libretime installation

[multimédia](#), [webradio](#), [libretime](#)

## Installation

Ce mode opératoire va encore bouger, car LibreTime 3.0.0 est encore en version alpha (alpha 9 au moment de la rédaction de cette page).

À l'installation, Python Cairo tombe en erreur (voir [issue sur Github](#)).



```
Writing /tmp/easy_install-
ya5mh8e_/pycairo-1.19.1/setup.cfg
Running pycairo-1.19.1/setup.py -q bdist_egg
--dist-dir /tmp/easy_install-
ya5mh8e_/pycairo-1.19.1/egg-dist-tmp-4yid3dt9
no previously-included directories found
matching 'docs/_build'
warning: no files found matching 'README'
under directory 'tests'
warning: no files found matching 'README'
under directory 'examples'
cairo/device.c:30:10: fatal error: Python.h:
Aucun fichier ou dossier de ce type
#include <Python.h>
      ^~~~~~
compilation terminated.
error: Setup script exited with error:
command 'x86_64-linux-gnu-gcc' failed with
exit status 1
```

Pour régler le souci, il faut installer le paquet python3-dev avant de lancer l'installation.

Nous installons git

```
sudo aptitude install git
```

Nous clonons le dépôt et lançons l'installation

```
git clone https://github.com/LibreTime/libretime.git
cd libretime
sudo bash install -fiap
```

L'installation débute. Arrivé au warning

```
All settings correct for using Composer
Downloading...
```

```
Composer (version 2.0.12) successfully installed to: /usr/local/bin/composer
Use it: php /usr/local/bin/composer
```

```
Do not run Composer as root/super user! See https://getcomposer.org/root for
details
Continue as root/super user [yes]?
```

Appuyez sur la touche "entrée" pour confirmer.

Si tout s'est bien passé, vous devriez avoir ce message à la fin de l'installation

```
-----
                * Basic Setup DONE! *
To get started with Libretime, visit
or, if you've set up your own web configuration,
the Libretime webroot on your webserver
-----
```

Rendez-vous sur l'URL du site pour terminer l'installation.

**Setup** Step 1 of 5

**Database Settings**

Enter your Airtime database settings here. Empty or non-existent databases will be created and populated if the given user has administrative permissions in postgres.

**Username**

**Password**

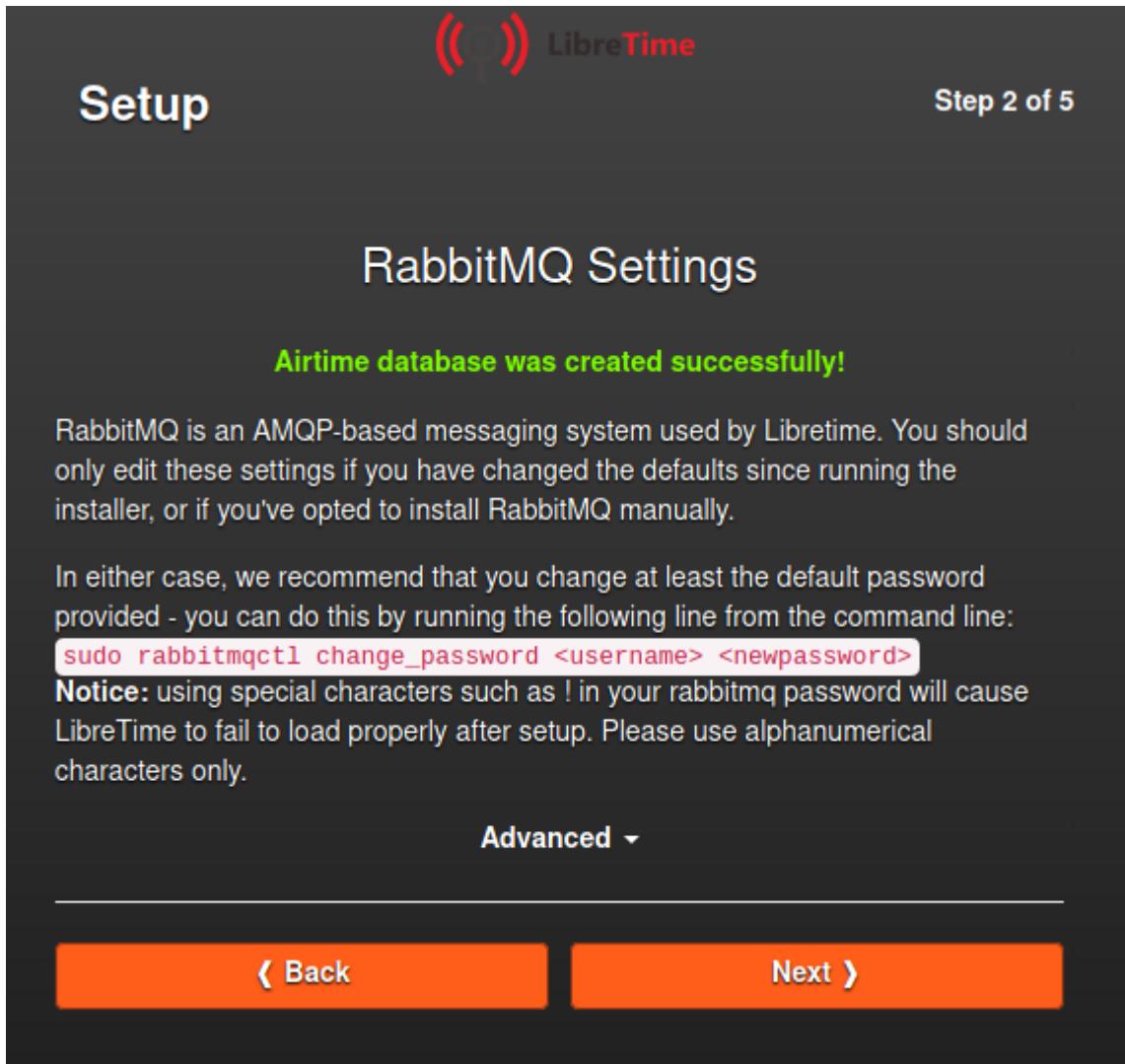
**Name**

**Host**

This may take up to 30 seconds to complete!

**Next >**

Sur la page suivante, il nous est conseillé de changer le mot de passe de RabbitMQ




The screenshot shows the LibreTime Setup interface. At the top, the LibreTime logo is displayed. The page is titled "Setup" and "Step 2 of 5". The main heading is "RabbitMQ Settings". A green message states "Airtime database was created successfully!". Below this, there is a paragraph explaining that RabbitMQ is an AMQP-based messaging system used by LibreTime and that settings should only be edited if defaults have been changed or if installed manually. It then recommends changing the default password and provides a terminal command: `sudo rabbitmqctl change_password <username> <newpassword>`. A notice follows, warning that special characters like '!' in passwords will cause LibreTime to fail to load properly. At the bottom, there is an "Advanced" dropdown menu and two orange buttons labeled "Back" and "Next".

Depuis le terminal nous changeons le mot de passe

```
sudo rabbitmqctl change_password airtime <new_password>
```

Nous déployons la fenêtre en cliquant sur "Advanced", et y reportons le mot de passe précédemment défini



# Setup

Step 2 of 5

## RabbitMQ Settings

**Airtime database was created successfully!**

RabbitMQ is an AMQP-based messaging system used by Libretime. You should only edit these settings if you have changed the defaults since running the installer, or if you've opted to install RabbitMQ manually.

In either case, we recommend that you change at least the default password provided - you can do this by running the following line from the command line:

```
sudo rabbitmqctl change_password <username> <newpassword>
```

**Notice:** using special characters such as ! in your rabbitmq password will cause LibreTime to fail to load properly after setup. Please use alphanumerical characters only.

**Advanced** ▲

---

**Username**

**Password**

You probably want to change this!

**Host**

**Port**

**Virtual Host**

◀ BackNext ▶

Nous vérifions les informations sur le FQDN et le port à utiliser

**Setup** Step 3 of 5

**General Settings**

These values are automatically pulled from your webserver settings, under most circumstances you will not need to change them.

**Connection successful!**

**Webserver Host**

**Webserver Port**

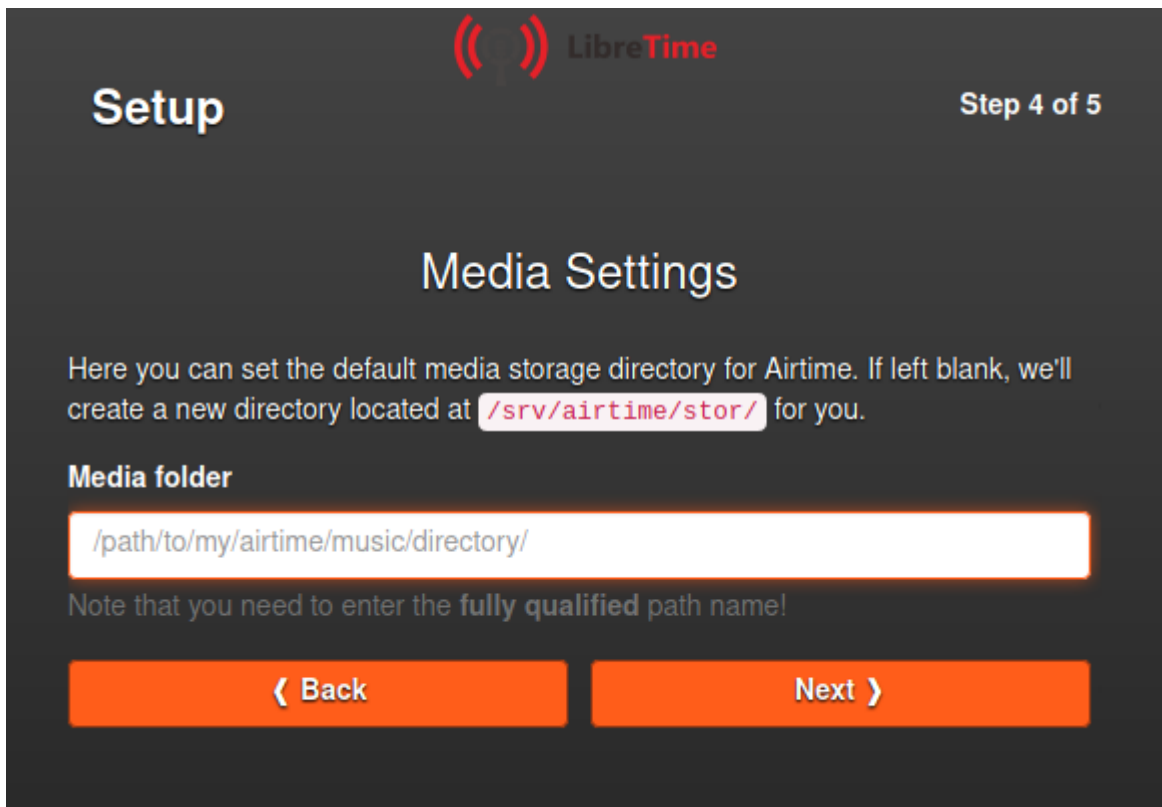
The CORS URL can be setup during install if you are accessing your LibreTime instance behind a Proxy. This is common with docker setups. If you have a reverse proxy setup enter the URL below, otherwise you can safely ignore this. Please enter one URL per line. Include the entire URL such as `http://example.com` If you are reinstalling LibreTime on an existing setup you can ignore this as well, the settings in your existing database will be retained unless you enter new values below.

**CORS URL** ▾

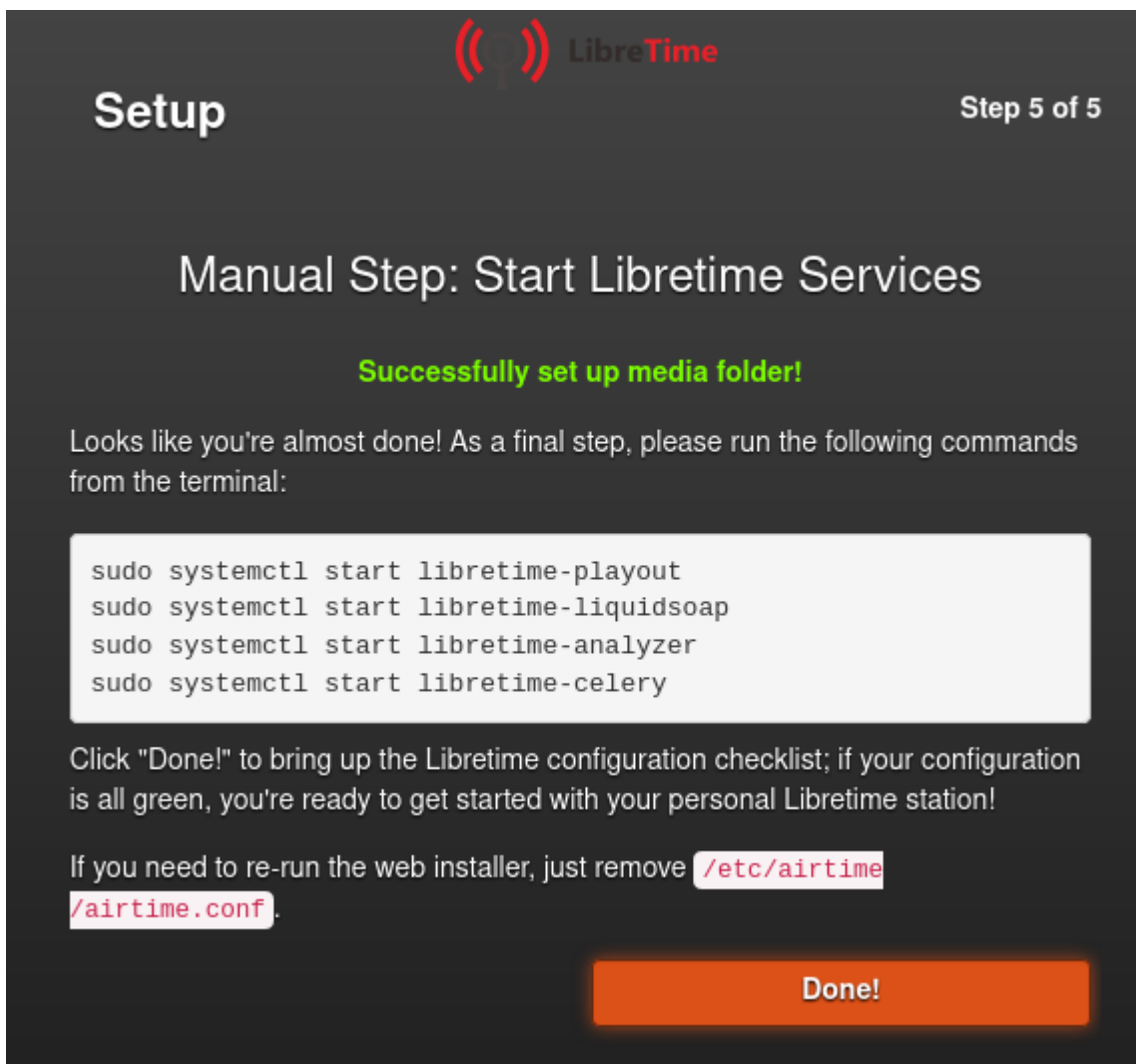
---

**< Back**      **Next >**

Nous choisissons l'emplacement dur stockage de la librairie de morceaux (nous pouvons laisser vide pour choisir le chemin par défaut)



Le dernier écran nous indique les commandes à saisir dans le terminal pour démarrer les services



Nous retournons donc sur le terminal et entrons les commandes

```
sudo systemctl start libretime-playout
sudo systemctl start libretime-liquidsoap
sudo systemctl start libretime-analyzer
sudo systemctl start libretime-celery
```

La configuration est terminée. Tous les services doivent être verts

**Configuration Checklist**

Your Airtime station is up and running! Get started by logging in with the default username and password: admin/admin

[Log in to Airtime!](#)

Component	Description	Status or Solution
PHP Dependencies		
Postgres	PDO and PostgreSQL libraries	✓
External Services		
Database	Database configuration for Airtime	✓
RabbitMQ	RabbitMQ configuration for Airtime	✓
Media Analyzer	LibreTime media analyzer service	✓
Pypo	LibreTime playout service	✓
Liquidsoap	LibreTime liquidsoap service	✓
Celery	LibreTime Celery Task service	✓

PHP Extension List

Core | date | libxml | openssl | pcrc | zlib | filter | hash | Reflection | SPL | sodium | session | standard | apache2handler | PDO | xml | apcu | bcmath | calendar | ctype | curl | dom | mbstring | fileinfo | ftp | gd | gettext | iconv | json | exif | pdo\_pgsql | pgsql | Phar | posix | readline | shmap | SimpleXML | sockets | sysvmsg | sysvsem | sysvshm | tokenizer | wddx | xmlreader | xmlwriter | xsl | Zend OPcache

Nous cliquons sur le bouton “Log in to Airtime!”

Nous arrivons sur la page du site, nous cliquons sur “Login” en haut à droite.

Nous nous authentifions (par défaut admin / admin)



### Login

Username:

Password:

Language:

[Forgot your password?](#)

## Liens

- [site Libretime](#)
- [documentation pour l'installation](#)
- [forum Libretime](#)
- [Releases Libretime](#) sur Github

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