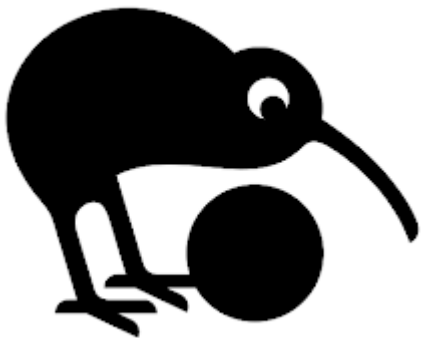


How to consultar y crear una versión local de Wikipedia

KIWIX: ¿Qué información necesitamos guardar en local?



Con un smartphone

Instalar [Kiwix application on Android](#)

Instalar [Kiwix application on iOS](#)



Kiwix es un lector offline de contenidos web (Wikipedia, archivos, bibliotecas...) que funciona sin conexión a internet.

Es el lector offline oficial de la Fundación Wikimedia.

Instrucciones:

1. Instalad la aplicación Kiwix en el teléfono
2. Explorad el catálogo de libros y contenidos disponibles para leer sin conexión
3. Reflexionad juntas:
¿Si internet fuera a desaparecer en 10 minutos, qué descargaríais primero?
¿Qué echaríais de menos?
4. Apuntad vuestras respuestas y construid vuestra frase colectiva con este formato:
¡Hey! Contamos con estos conocimientos en local: _____ y buscamos estos conocimientos para copiar: _____
5. Copiad vuestra frase en el pad compartido de la intranet local:
https://etherpad.calafou.org/p/Perfo_Altranet
También la podeis compartir luego en el grupo compartido por Bluetooth Altranet

With a web browser and a (mini) server

Install Kiwix on a Raspberry Pi !








If you change the hostname of the server (here altranet), then you can consult wikipedia (and what you add to kiwx library) with a web browser at <http://local.altranet.org>

← → ↻ 🏠 🛡️ Non sécurisé http://altranet.lo ⭐ 🔍 Rechercher

Toutes les langues Toutes les catégories

Rechercher Rechercher

7 livre(s)

 Wikivoyajes An Offline Version of Wikivoyage in Spanish Language ES wikivoyage Télécharger - 143 MIB	 Wikipedia Médica La Enciclopedia medical de Wikipedia ES wikipedia Télécharger - 610 MIB	 Wikilibro Wikilibro en Español ES wikibooks Télécharger - 333 MIB	 Wikcionario The biggest Wiki Dictionary in Spanish language ES wiktionary Télécharger - 951 MIB
 Wikiquote An Offline Version of Wikiquote in Spanish Language ES wikiquote Télécharger - 68.9 MIB	 Wikiversidad An Offline Version of Wikiversity in Spanish Language ES wikiversity Télécharger - 58.5 MIB	 iFixit in Spanish iFixit es una comunidad global de personas mutuamente ayudándose a reparar cosa... ES ifixit Télécharger - 3.43 GIB	

Prerequisites

Before starting, make sure:

1. You have a Raspberry Pi with Raspberry Pi OS installed.
2. You have an active internet connection.
3. You are logged in as a user with `sudo` privileges.
4. My user is `admin`, if yours is different please change it in the below scrips.

Installation Steps

Step 1: Update and Upgrade Your System

First, ensure your system is up to date:

```
sudo apt update -y && sudo apt upgrade -y
```

Step 2: Install Kiwix Tools

Install the Kiwix Tools package:

```
sudo apt install kiwix-tools -y
```

Setting Up the Kiwix Library

Step 3: Create a Library File

- Create a directory to store your library:

```
sudo mkdir /home/admin/kiwix-library
```

Create an empty `library.xml` file:

```
sudo touch /home/admin/kiwix-library/library.xml
```

Open the file for editing:

```
sudo nano /home/admin/kiwix-library/library.xml
```

Add the following content and save the file:

```
<?xml version="1.0" encoding="UTF-8"?>
<library xmlns="http://www.kiwix.org/">
</library>
```

Step 4: Download a Sample Book

Download a sample ZIM file to your library directory:

```
sudo wget -O /home/admin/kiwix-library/archlinux_en_all_nopic_2022-12.zim https://download.kiwix.org
```

Step 5: Add the Book to Your Library

Add the downloaded ZIM file to your `library.xml` file:

```
sudo kiwix-manage /home/admin/kiwix-library/library.xml add /home/admin/kiwix-library/archlinux
```

Starting the Kiwix Server

Start the Kiwix server on port 80 using your library file:

```
sudo kiwix-serve --port=80 --library /home/admin/kiwix-library/library.xml
```

You can now access the Kiwix server by navigating to your Raspberry Pi's IP address in a web browser.

Optional

To start Kiwix on port 80 after boot up:

```
sudo nano /etc/systemd/system/kiwix.service
```

Add the following:

```
[Unit]
Description=Kiwix Serve
After=network.target

[Service]
ExecStart=sudo /usr/bin/kiwix-serve --port=80 --library /home/admin/kiwix-library/library.xml
WorkingDirectory=/home/admin/kiwix-library
User=admin
Group=admin
Environment=DISPLAY=:0
Restart=always
RestartSec=3

[Install]
WantedBy=multi-user.target
```

Finally, run the following:

```
sudo systemctl daemon-reload
sudo systemctl enable kiwix.service
sudo systemctl start kiwix.service
sudo systemctl status kiwix.service
```

Crear sus propios .zim / archivos

- [On line con zimit](#)
- [Con un script y wget](#)
- [Mas recursos en el wiki del proyecto](#)

Ressources on-line

- [Kiwix main web site](#)
- [Kiwix library](#)
- [Kiwix-Raspberry-Pi how to install](#)

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