Install Redis on Windows

Use Redis on Windows for development

Redis is not officially supported on Windows. However, you can install Redis on Windows for development by following the instructions below.

To install Redis on Windows, you'll first need to enable WSL2 (Windows Subsystem for Linux). WSL2 lets you run Linux binaries natively on Windows. For this method to work, you'll need to be running Windows 10 version 2004 and higher or Windows 11.

Install or enable WSL2

Microsoft provides detailed instructions for installing WSL. Follow these instructions, and take note of the default Linux distribution it installs. This guide assumes Ubuntu.

Install WSL command

https://learn.microsoft.com/en-us/windows/wsl/install

You can now install everything you need to run WSL with a single command. Open PowerShell or Windows Command Prompt in **administrator** mode by right-clicking and selecting "Run as administrator", enter the wsl --install command, then restart your machine.

```
wsl --install
```

After installation is complete
- Restart your PC
- Open Ubuntu from the start menu
- Create a user name and a password

Install on Ubuntu/Debian

https://redis.io/docs/getting-started/installation/install-redis-on-linux/#install-on-ubuntu-debian

Install Redis

Once you're running Ubuntu on Windows, you can follow the steps detailed at Install on Ubuntu/Debian to install recent stable versions of Redis from the official

packages.redis.io APT repository. Add the repository to the apt index, update it, and then install:

```
curl -fsSL https://packages.redis.io/gpg | sudo gpg --dearmor -o
/usr/share/keyrings/redis-archive-keyring.gpg
```

```
echo "deb [signed-by=/usr/share/keyrings/redis-archive-keyring.gpg]
https://packages.redis.io/deb $(lsb_release -cs) main" | sudo tee
/etc/apt/sources.list.d/redis.list
```

```
sudo apt-get update
sudo apt-get install redis
```

Lastly, start the Redis server like so:

```
sudo service redis-server start
```

Connect to Redis

You can test that your Redis server is running by connecting with the Redis CLI:

```
redis-cli
127.0.0.1:6379> ping
PONG
```

To use Redis on the cloud:

• Subscribe Redis Enterprise Cloud

Get a free account for redis from:

https://redis.com/redis-enterprise-cloud/overview/

Then you can connect to your database through RedisInsight or Redis CLI

RedisInsight | The Best Redis GUI

https://redis.com/redis-enterprise/redis-insight/

This GUI can be used to connect to your local Redis Server or to Redis Cloud