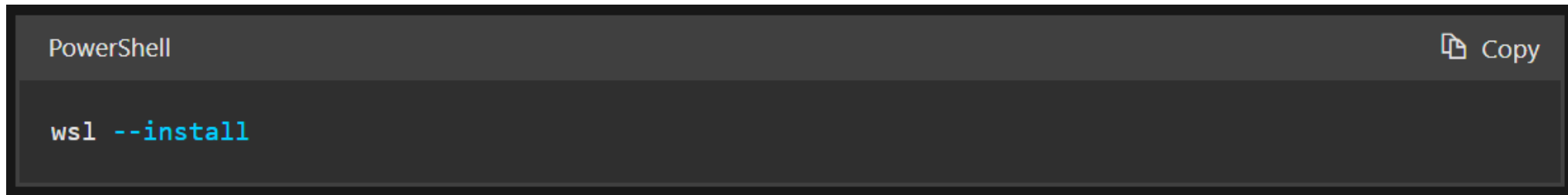


Installing QIIME2 in Windows

Install WSL

- Open **PowerShell** or **Windows Command Prompt** in administrator mode by right-clicking and selecting "Run as administrator"

A screenshot of a Windows PowerShell terminal window. The title bar at the top says "PowerShell" and there is a "Copy" button on the right. The command prompt shows the text "wsl --install" in a light blue font, indicating it has been copied or is the current command.

```
PowerShell Copy  
  
wsl --install
```

- Note: Ubuntu will be installed as a default.

Install Miniconda

- Run WSL
- In your WSL, run the following codes:

```
mkdir -p ~/miniconda3
wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh -O ~/miniconda3/miniconda.sh
bash ~/miniconda3/miniconda.sh -b -u -p ~/miniconda3
rm -rf ~/miniconda3/miniconda.sh
```

- After installing, initialize your newly-installed Miniconda. The following commands initialize for bash and zsh shells:

```
~/miniconda3/bin/conda init bash
~/miniconda3/bin/conda init zsh
```

Install QIIME2

- Once Miniconda is installed, install QIIME2

Instructions

macOS (Intel) and OS X

macOS (Apple Silicon)

Linux

Windows (via WSL)

These instructions are identical to the Linux instructions and are intended for users of the [Windows Subsystem for Linux](#).

```
wget https://data.qiime2.org/distro/core/qiime2-2023.7-py38-linux-conda.yml  
conda env create -n qiime2-2023.7 --file qiime2-2023.7-py38-linux-conda.yml
```

OPTIONAL CLEANUP

```
rm qiime2-2023.7-py38-linux-conda.yml
```

Activate QIIME2 conda environment

Activate the `conda` environment

Now that you have a QIIME 2 environment, activate it using the environment's name:

```
conda activate qiime2-2023.7
```



To deactivate an environment, run `conda deactivate`.

Test your installation

You can test your installation by activating your QIIME 2 environment and running:

```
qiime --help
```



If no errors are reported when running this command, the installation was successful!

Install JupyterLab, our IDE of choice

- Install jupyterlab through conda

conda

If you use `conda`, you can install it with:

```
conda install -c conda-forge jupyterlab
```

- Run jupyterlab

```
jupyter lab --no-browser
```

Open JupyterLab

- Do all your codes in jupyterlab

To access the server, open this file in a browser:

`file:///home/jbquijano/.local/share/jupyter/runtime/jpserver-14937-open.html`

Or copy and paste one of these URLs:

`http://localhost:8888/lab?token=2db0ae6728de9a786e3d0114cf04c79c965744561dc18149`

`http://127.0.0.1:8888/lab?token=2db0ae6728de9a786e3d0114cf04c79c965744561dc18149`

- Copy-paste the link on a browser of your choice or Ctrl + left click.