Escriptorium on Windows

# Full install of eScriptorium

## Prerequisites:

**WSL on Windows**

**WSL Version 2:**

* Check version: wsl -v
* Update version: wsl –-set-default-version 2

**Optionals but recommended:**

**Windows Terminal:** From windows store on pc

**eScriptorium Full install**

## Step 1: Get Ubuntu 24.04

* Install Ubuntu: wsl --install Ubuntu-24.04

Set a Username

Set a memorizable password

*Optional:* Set Ubuntu-24.04 as default in Windows terminal

## Step 2: Set up necessities in Ubuntu

* Open Ubuntu 24.04 in terminal // Open the terminal if you set Ubuntu as default
* Set up postgres:

sudo apt install postgresql postgresql-contrib

sudo -i -u postgres # switches to postgres user

createuser --interactive

Enter name of role to add: #enter UNIX username you

chose before!

Shall the new role be a superuser? (y/n) **y**

exit #logout from postgres user

* Install other necessities:

createdb escriptorium

sudo apt-get update

sudo apt install redis-server

sudo add-apt-repository ppa:deadsnakes/ppa # for python > 3.7

sudo apt update

sudo apt install netcat-traditional jpegoptim pngcrush

sudo apt install -y libvips

## Step 3: Set up escriptorium

* Clone escriptorium

git clone https://gitlab.com/scripta/escriptorium.git ~/escriptorium

cd escriptorium

* Install environment + missing python packages:

sudo apt install build-essential python3.8 python3.8-dev python3.8-dev python3-venv python3-pip #installs all python specifics

sudo apt install virtualenv

virtualenv env -p python3.8

sudo apt install python3.8-distutils

* Activate environment and install escriptorium specifics

source env/bin/activate #activates environment

pip install -U pip setuptools wheel

pip install -r app/requirements.txt

pip install -r app/requirements-dev.txt

cp app/escriptorium/local\_settings.py.example app/escriptorium/local\_settings.py

* Get npm and run productionserver:

sudo apt install npm

cd front

npm install

npm run production

* Start escriptorium:

cd ../app

python manage.py migrate --settings escriptorium.local\_settings

DJANGO\_SETTINGS\_MODULE=escriptorium.local\_settings celery -A escriptorium worker -l INFO &

python manage.py runserver --settings escriptorium.local\_settings

* Open escriptorium
* escriptorium is available at localhost:8000

Username: admin

PW: admin

# Run eScriptorium after installation

* Open Ubuntu 24 shell:

cd escriptorium

source env/bin/activate

cd app

sudo service postgresql start

sudo service redis-server start

DJANGO\_SETTINGS\_MODULE=escriptorium.local\_settings celery -A escriptorium worker -l INFO &

python manage.py runserver --settings escriptorium.local\_settings

## Optional: Use start.sh

* Set up Start.sh
  + Copy start.sh in your Unixuser directory: \\wsl.localhost\Ubuntu-24.04\home\username
  + Open Ubuntu
  + Set permission to execute file: chmod +x ./start.sh
* Start with start.sh
  + Open Terminal
  + Enter: ./start.sh
  + Follow commands in terminal (usually you have to enter your pw)
  + Open localhost:8000