Fedora server setting

```
dnf install make automake gcc gcc-c++ kernel-devel
dnf groupinstall "Development Tools" "Development Libraries"
```

Postgresql 16 (fedora OR redhat)

```
dnf module -y
sudo dnf install https://download.postgresql.org/pub/repos/yum/reporpms/EL-9-
x86_64/pgdg-redhat-repo-latest.noarch.rpm -y
```

```
disable the built-in postgreql module:
sudo dnf -qy module disable postgresql
```

```
install postgres16:
sudo dnf install postgresql16-server -y
```

```
intialize:
sudo /usr/pgsql-16/bin/postgresql-16-setup initdb
```

```
sudo systemctl enable postgresql-16
sudo systemctl start postgresql-16
sudo systemctl status postgresql-16
```

```
sudo -u postgres psql
\q
```

Nginx

```
sudo dnf install nginx
```

```
sudo systemctl enable nginx
sudo systemctl start nginx
```

```
open the firewall:
sudo firewall-cmd --permanent --add-service=http
sudo firewall-cmd --permanent –add-service=https
```

Ruby & rbenv

```
sudo dnf install -y git-core gcc rust patch make bzip2 openssl-devel libyaml-devel
libffi-devel readline-devel zlib-devel gdbm-devel ncurses-devel perl-FindBin perl-
lib perl-File-Compare
```

```
git clone https://github.com/rbenv/rbenv.git ~/.rbenv
git clone https://github.com/rbenv/ruby-build.git ~/.rbenv/plugins/ruby-build
echo 'eval "$(~/.rbenv/bin/rbenv init -)"' >> ~/.bash_profile
```

```
refresh the shell:
exec $SHELL -l
```

```
rbenv install 3.0.4
```

```
rbenv global 3.0.4
ruby -v
gem install bundler
gem install rails
```

Python

```
sudo dnf install curl -y
curl --output anaconda.sh https://repo.anaconda.com/archive/Anaconda3-2024.06-1-Linux-x86_64.sh

set the execute permission of the script:
chmod +x anaconda.sh

install it:
bash anaconda.sh

activate anaconda environment:
source ~/.bashrc

conda create -n myenv python=3.12.4
conda activate myenv


OR

just install python without anaconda:

sudo dnf upgrade --refresh
sudo dnf install python3
```