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# The first set is to get the FIMS server code from its Git repository
git clone https://bitbucket.org/simosol/fims-server.git

# NOTE: These instructions are for Ubuntu. Vary as necessary.
# Essential installs
sudo apt-get -y install build-essential
sudo apt-get -y install subversion
sudo apt-get -y install zlib1g zlib1g-dev
sudo apt-get -y install libreadline6 libreadline6-dev
sudo apt-get -y install libssl-dev
sudo apt-get -y install bzip2 libbz2-dev
sudo apt-get -y install supervisor
sudo apt-get -y install zip unzip
sudo apt-get -y install libblas-dev liblapack-dev
sudo apt-get -y install python-software-properties
sudo apt-get -y install software-properties-common
sudo apt-get -y install python-dev
sudo apt-get -y install git

# add Vietnamese environment
sudo locale-gen vi_VN.utf8
# reload to commit additions
sudo dpkg-reconfigure locales

# starting supervisor, as root (it should autostart on system start)
service supervisor start
# supervisorctl
supervisorctl

# CONSTRUCTING SERVER ENVIRONMENT
# execute (in this folder code checkout folder)
python build_env.py
# it will then download and install locally the necessary python requirements
# and the postgresql server with postgis.

# SETTING UP POSTGRESQL
Alter the init_pg.sh constants to match whatever environment you want and then
run it.
It's also highly recommended you visit http://pgtune.leopard.in.ua/ and
then edit postgresql.conf to match your system, because the defaults are
for maximized compatibility, not performance

# Then, let's setup automatic startups:

# First, review the settings in the server.ini file
# Among things to check
# - unless doing local testing, set testing=0 in the [server] section of server.ini
# - set the cert_key and cert_chain settings to the certificate key and certificate
chain
# to be used by the server
# Once that is done: set up the postgresql and python server via supervisor, edit
# dev/installation/fims.conf
# so that the paths and ports are correct
# then copy it over to
# /etc/supervisor/conf.d/fims.conf
# You can now connect to the supervisor instance with
sudo supervisorctl
# run the commands
reread
# to reread the configuration files and then
update
# to activate the new configuration. This will also automatically start all
# processes, and they should automatically start at bootup from here on.
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