

SearXNG

[SearXNG](#) is a free internet metasearch engine which aggregates results from more than 70 search services. Users are neither tracked nor profiled. Additionally, SearXNG can be used over Tor for online anonymity.

Packages

```
sudo -H pacman -S --noconfirm \  
python python-pip python-lxml python-babel \  
uwsgi uwsgi-plugin-python \  
git base-devel libxml2
```

AUR

If you would like to use AUR, you can do the following:

```
pikaur -S searxng-git
```

```
sudo systemctl enable --now uwsgi@searxng.service
```

You no longer need to follow the guide below, just go to:

<http://127.0.0.1:8888/>

Check also [nginx](#) and [ssl](#).

Create User

```
sudo -H useradd --shell /bin/bash --system \  
--home-dir "/usr/local/searxng" \  
--comment 'Privacy-respecting metasearch engine' \  
searxng  
  
sudo -H mkdir "/usr/local/searxng"  
sudo -H chown -R "searxng:searxng" "/usr/local/searxng"
```

SearXNG Dependencies (searxng user/terminal)

```
sudo -H -u searxng -i  
git clone "https://github.com/searxng/searxng" \  

```

```
"/usr/local/searxng/searxng-src"
```

Create Virtual Environment (searxng user/terminal)

```
sudo -H -u searxng -i  
python3 -m venv "/usr/local/searxng/searx-pyenv"  
echo ". /usr/local/searxng/searx-pyenv/bin/activate" \  
>> "/usr/local/searxng/.profile"
```

Start another Terminal (update)

```
pip install -U pip  
pip install -U setuptools  
pip install -U wheel  
pip install -U pyyaml
```

Install SearXNG into Virtual Environment (back to searxng user/terminal)

```
sudo -H -u searxng -i  
cd "/usr/local/searxng/searxng-src"  
pip install -e .
```

Configuration

```
sudo -H mkdir -p "/etc/searxng"  
sudo -H cp "/usr/local/searxng/searxng-  
src/utils/templates/etc/searxng/settings.yml" \  
"/etc/searxng/settings.yml"
```

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