

Creating Grafana Dashboards

```
npcl@node1:~$ docker run -d --name=prontail -v /var/log:/var/log -v /etc/prontail:/etc/prontail -p 9080:9080 grafana/prontail:2.7.1
Command "docker" not found, but can be installed with:
sudo snap install docker # version 24.0.5, or
sudo apt install docker.io # version 24.0.7-0ubuntu2-22.04.1
sudo apt install podman-docker # version 3.4.4+ds1-1ubuntu1.22.04.2
See 'snap info docker' for additional versions.
npcl@node1:~$ sudo apt install podman-docker
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  buildah catatonit common containernetworking-plugins crun docker-compose fuse-overlayfs golang-github-containernetworking-plugin-dnsname golang-github-containers-common golang-github-containers-image
  libostree-1-1 libslirp0 podman python3-attr python3-distutils python3-docker python3-dockerpty python3-docopt python3-dotenv python3-jschema python3-pyrsistent python3-setuptools python3-texttable
  python3-websocket slirp4netns uidmap
Suggested packages:
  containers-storage python-attr-doc python-jschema-doc python-setuptools-doc
Recommended packages:
  docker.io
The following NEW packages will be installed:
  buildah catatonit common containernetworking-plugins crun docker-compose fuse-overlayfs golang-github-containernetworking-plugin-dnsname golang-github-containers-common golang-github-containers-image
  libostree-1-1 libslirp0 podman podman-docker python3-attr python3-distutils python3-docker python3-dockerpty python3-docopt python3-dotenv python3-jschema python3-pyrsistent python3-setuptools
0 upgraded, 27 newly installed, 0 to remove and 4 not upgraded.
Need to get 26.3 MB of archives.
After this operation, 115 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

Promotail needs to be installed

Add the sources:

scrape_configs:

- job_name: nginx

static_configs:

- targets:

- localhost

labels:

job: nginx

hostname: your-hostname

__path__: /var/log/nginx/*.log

- job_name: system

static_configs:

- targets:

- localhost

labels:

job: varlogs

__path__: /var/log/*log

Verify Logs in Grafana:

- In Grafana, use Loki as a data source and create queries to check if logs from both **nginx** and **system** are being received.
- Example queries:

For `nginx` logs:
plaintext

```
{job="nginx"}
```

For `system` logs:
plaintext

```
{job="varlogs"}
```

If everything is configured correctly, logs from both sources should start appearing in Loki, and you can visualize them in Grafana.