

Deployment Tooling

The following projects offer reproducible deployment tooling and environments.

Vagrant

```
git clone https://github.com/fcrepo4-exts/fcrepo4-vagrant.git
cd fcrepo4-vagrant
vagrant up
```

Docker

Virginia Tech

```
git clone https://github.com/fcrepo4-labs/fcrepo4-docker.git

# Start Fedora(e.g. 5.1.0) server
FEDORA_TAG=5.1.0 docker-compose up -d

# Shutdown server
docker-compose down
```

ps. See [README](#) for Fedora with MySQL or PostgreSQL examples.

Northwestern University

[samvera/fcrepo4](#) on Docker Hub

```
# Start Fedora (e.g. 5.1.0) server
docker run -ti -p 8080:8080 samvera/fcrepo4:5.1.0
```

docker-fcrepo GitHub [README](#)

Kubernetes

```
git clone https://github.com/yinlinchen/fcrepo-kubernetes.git

# Deploy Fedora server
kubectl apply -f deployments/fcrepo-pv.yaml
kubectl create -f deployments/fcrepo.yaml

# Get Fedora server deployment status and IP
kubectl get deployment
kubectl get svc

# Shutdown server and delete the deployment
kubectl delete -f deployments/fcrepo.yaml
kubectl delete -f deployments/fcrepo-pv.yaml
```

ps. See [README](#) for Fedora with MySQL or PostgreSQL examples.

Ansible

```
git clone https://github.com/Digital-Repository-of-Ireland/ansible-fedora4.git
cd ansible-fedora4
vagrant plugin install vagrant-hostmanager
vagrant up
```

```
git clone https://github.com/VTUL/fcrepo4-ansible.git
cd fcrepo4-ansible
Local machine: vagrant up
AWS instance: vagrant up --provider aws
```