Quick Start

This document is a guide to getting up and running with Fedora as quickly as possible.

- Out of the box
- Installation
  - Using Docker
  - Servlet Containers
- Next Steps

Out of the box

If you are looking for scripted deployments, please take a look at Fedora's deployment tooling.

- Java 11
  
  ```
  java -version  
  openjdk version "11.0.5" 2019-10-15  
  OpenJDK Runtime Environment (build 11.0.5+10-post-Ubuntu-0ubuntu1.1)  
  OpenJDK 64-Bit Server VM (build 11.0.5+10-post-Ubuntu-0ubuntu1.1, mixed mode, sharing)
  ```

- Servlet 3.0 container such as:
  - Tomcat 9
  - Jetty 9.x

- A case-sensitive filesystem. Fedora 6 stores resources on disk in an OCFL repository, and OCFL requires a case-sensitive filesystem. By default, Windows and Mac systems uses case-insensitive filesystems. If you intend to run Fedora on such a system, you have to make sure to meet 1 of the following requirements:
  - Locate Fedora home on a case-sensitive volume. This is an exercise for the reader.
  - Do not use Archival Groups. Case related resource name collisions can only happen when dealing with resources contained within the same Archival Group.
  - Do not name two different resources the same but with different casing.

Installation

There are two primary ways of deploying Fedora. The first, One-Click Run, is an easy way to get Fedora running to test out the basic features. The second, Servlet Container Install, is the approach to be used in production installations.

Using Docker

If you’d like to run using docker you can simply install docker and then run the following command:

For the latest bleeding edge development:

```bash
docker run -p8080:8080 --name=fcrepo fcrepo/fcrepo
```

For a particular version:

```bash
docker run -p8080:8080 --name=fcrepo fcrepo/fcrepo:6.0.0-beta-1
```

For all the available docker configuration options for fcrepo see the fcrepo-docker README.

Servlet Containers

Alternatively, instead of deploying Fedora via the "one-click run", the Fedora web-application can be installed by dropping the WAR file into a servlet 3 container, such as Tomcat 9 or Jetty 9. For details on installing Fedora to those containers, see the Deployment guide.

Next Steps

Once Fedora is running,
• Explore the **feature tour**
• Explore the web-application **configuration options**
• Explore enabling repository asset **authorization**
• Explore setting up an **external search index**