streaming-file-server (4.3.2)

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Table of Contents

Travis CI status:

PDF:

Chapter 1. Introduction

Streaming file server — java based project on top of spring-boot. This is a simple file-server which is allowed upload and download files with no memory limitation. It uses file multipart protocol

Chapter 2. Installation

2.1. download files

if you have docker installed and wanna use postgres, then download docker-compose.yml file

```
wget https://github.com/daggerok/streaming-file-server/releases/download/4.3.2/docker-compose.yml
```

file items service

```
wget https://github.com/daggerok/streaming-file-server/releases/download/4.3.2/file-items-service-4.3.2.jar
```

file server

```
wget https://github.com/daggerok/streaming-file-server/releases/download/4.3.2/file-server-4.3.2.jar
```

Chapter 3. Run

3.1. postgres database

install using postgres in docker

```
# docker compose file for postgres database
docker-compose up -d

# file-items data service
java -jar file-items-service-4.3.2.jar --spring.profiles.active=db-pg

# file server
java -jar file-server-4.3.2.jar --app.upload.path=./path/to/file-storage

# cleanup
docker-compose down -v
```

3.2. in-memory h2 database

if you do not have docker — feel free to use h2 in memory database for file items service:

```
java file-items-service-4.3.2.jar
# or
java file-items-service.jar --spring.profiles.active=db-h2
```

1. and then run file server:

```
java file-items-service-{project-version}.jar --spring.profiles.active=db-h2
```

3.3. take advantages of spring-boot executable jar

if you are using bash — run even simply

```
wget https://github.com/daggerok/streaming-file-server/releases/download/4.3.2/file-
items-service-4.3.2.jar
bash file-items-service-4.3.2.jar

wget https://github.com/daggerok/streaming-file-server/releases/download/4.3.2/file-
server-4.3.2.jar
bash file-server-4.3.2.jar --app.upload.path=./path/to/file-storage
```

Chapter 4. Usage scripts

4.1. simplicity bootstrap with automation shell-script

4.1.1. unix (bash)

postgres in docker

```
# get
wget https://github.com/daggerok/streaming-file-
server/releases/download/4.3.2/application.bash

# start
bash application.bash start ./path/to/file-storage

# stop
bash application.bash stop

# cleanup
bash application.bash clean ./path/to/file-storage
```

download: application.bash

h2 in-memory database

```
# fetch
wget https://github.com/daggerok/streaming-file-
server/releases/download/4.3.2/application-h2.bash

# start
bash application-h2.bash start ./path/to/file-storage

# stop
bash application-h2.bash stop

# cleanup
bash application-h2.bash clean ./path/to/file-storage
```

download: application-h2.bash

note: binaries `wget`, `docker-compose` *and of course jre (binaries:* `java` *and* `jps`*) are required* ==== windows (batch cmd) .postgres in docker

```
@rem start
application.cmd start path\to\file-storage

@rem stop
application.cmd stop

@rem cleanup
application.cmd clean path\to\file-storage
```

download: application.cmd

h2 in-memory database

```
@rem start
application-h2.cmd start path\to\file-storage

@rem stop
application-h2.cmd stop

@rem cleanup
application-h2.cmd clean path\to\file-storage
```

download: application-h2.cmd

note: binaries `wget`, `docker-compose` *and of course jre (binaries:* `java` *and* `jps`*) are required*

Chapter 5. Create new release

to create new release do next

1. bump version in:
    a. build.gradle
    b. README.md
    c. scripts/application.cmd
    d. scripts/application.bash
    e. scripts/application-h2.cmd
    f. scripts/application-h2.bash
2. comment scipts tests in .travis.yml
3. commit, push and check CI if builds was successfully passed
4. create release on github, put:
    a. modules/apps/*/build/libs/*
    b. scripts/*
    c. modules/docker/postgres/docker-compose.yml
5. uncomment .travis.yml
6. commit, push and check CI again to verify if scripts tests was successfully passed

download all files here

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links:

- fix issue: SQLFeatureNotSupportedException: Method org.postgresql.jdbc.PgConnection.createClob() is not yet implemented.
- spring-mvc
- spring
- mustache template engine
- apache fileUpload
- lombok
- vavr
- bootstrap
- bootstrap fileinput
- jgiven
- powermock
- mockito

- h2
- postgres
- docker
- gradle
- travis CI

Enjoy :)