

# streaming-file-server (4.3.2)

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# Table of Contents

1. Introduction .....	2
2. Installation .....	3
2.1. download files .....	3
3. Run .....	4
3.1. postgres database .....	4
3.2. in-memory h2 database .....	4
3.3. take advantages of spring-boot executable jar .....	4
4. Usage scripts .....	5
4.1. simplicity bootstrap with automation shell-script .....	5
4.1.1. unix (bash) .....	5
5. Create new release .....	7

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 scripts 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](#)

---

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 :)