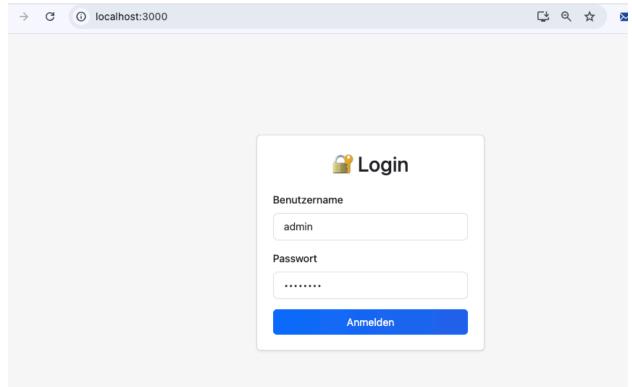
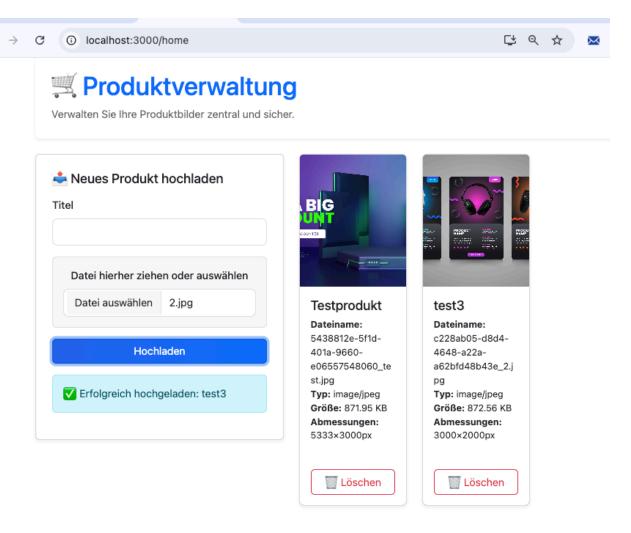
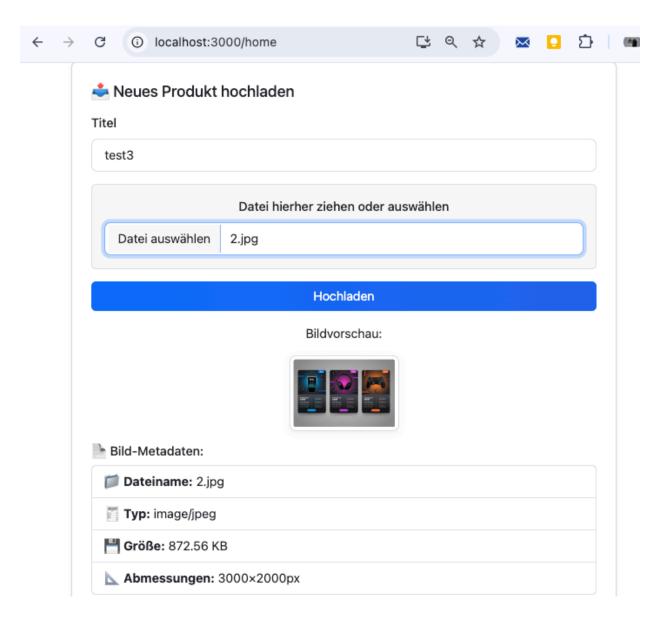
Login-Seite mit Auth-Flow



Produktübersicht mit Bild, Metadaten, Delete

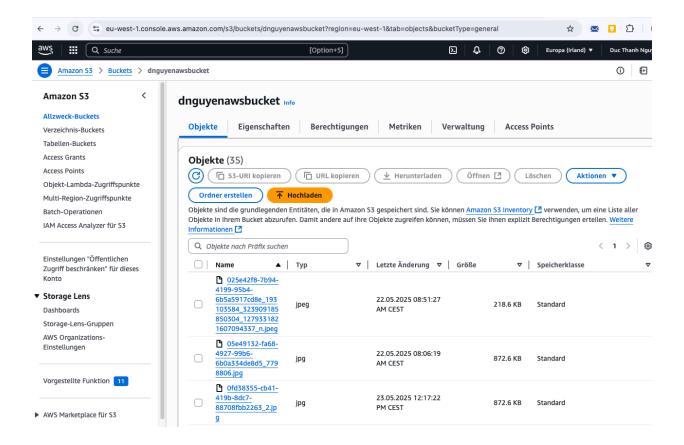


Upload mit Vorschau/Metadaten



AWS S3 Bucket nach Upload





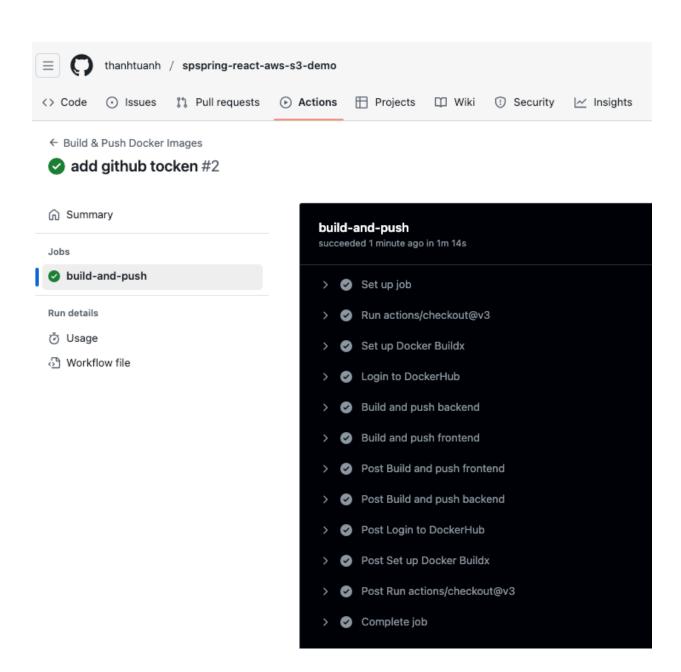
Health Endpoint ('/actuator/health')

```
### Health Check
Send Request

GET http://localhost:8080/actuator/health
Accept: application/json
Authorization: Bearer eyJhbGci0iJIUzI1NiJ9.eyJzdWIi0iJhZG1pbiIsImlhdCI6MTc0Nzk5NTU00Sw
```

```
HTTP/1.1 200
    Vary: Origin, Access-Control-Request-Method, Access-Control-Request-H
    X-Content-Type-Options: nosniff
4 X-XSS-Protection: 0
5 Cache-Control: no-cache, no-store, max-age=0, must-revalidate
    Pragma: no-cache
    Expires: 0
8 X-Frame-Options: DENY
    Content-Type: application/json
10 Transfer-Encoding: chunked
11 Date: Fri, 23 May 2025 10:30:24 GMT
12
    Connection: close
13
14 ∨ {
15
      "status": "UP",
16 ~
      "components": {
17 ~
        "db": {
          "status": "UP",
18
19 🗸
          "details": {
            "database": "PostgreSQL",
20
21
            "validationQuery": "isValid()"
22
          }
23
24 ~
        "diskSpace": {
25
          "status": "UP",
26 ~
          "details": {
27
            "total": 102888095744,
28
            "free": 32525185024,
29
            "threshold": 10485760,
30
            "path": "/app/.",
31
            "exists": true
32
          }
33
        },
34 ~
        "ping": {
          "status": "UP"
35
36
        }
```

Github Action mit "passed" build



Tests / Testabdeckung (JUnit, Integration mit CI)

```
nsformer
2025-05-23T13:16:38.678+02:00 INFO 47221 --- [ main] o.h
rnate.transaction.jta.platform' to enable JTA platform integration)
                                                                                                                                                                                          main] o.h.e.t.j.p.i.JtaPlatformInitiator
                                                                                                                                                                                                                                                                                                                                            : HHH000489: No JTA platform available (set 'hibe
                create table product (
                            id bigint generated by default as identity,
filename varchar(255),
filesize bigint,
filetype varchar(255),
                            height integer,
image_url varchar(255),
title varchar(255),
width integer,
primary key (id)
     )
2025-05-23T13:16:38.731+02:00 INFO 47221 --- [
                                                                                                                                                                                        main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persis
      tence unit 'default'
2025-05-23T13:16:39.027+02:00 INFO 47221 --- [
                                                                                                                                                                                        main] c.e.m.repository.ProductRepositoryTest : Started ProductRepositoryTest in 2.684 seconds
     (process running for 3.678)
OpenJDK 64-Bit Server VM warning: Sharing is only supported for boot loader classes because bootstrap classpath has been appended
      Hibernate:
                 insert
                 into
                             product
(filename, filesize, filetype, height, image_url, title, width, id)
               values
(?, ?, ?, ?, ?, ?, default)
     Hibernate:
                 rnate:
select
p1_0.id,
p1_0.filename,
p1_0.filesize,
                             p1_0.filetype,
p1_0.height,
                             p1_0.mage_url,
p1_0.title,
                             p1_0.width
                 from
                             p1_0.title,
p1_0.width
                 from
  product p1_0
[INF0] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 3.886 s -- in com.example.mycloud.repository.ProductRepositoryTest
[INF0] Running com.example.mycloud.auth.JwtUtilTest
[INF0] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.102 s -- in com.example.mycloud.auth.JwtUtilTest
[INF0] Running com.example.mycloud.controller.ProductControllerTest
2025-09-231731:16:40.010+02:00 INF0 47221 --- [ main] b.t.c.SpringBootTestContextBootstrapper : Found @SpringBootConfiguration com.example.mycloudBackendApplication for test class com.example.mycloud.controller.ProductControllerTest
2025-09-23T13:16:40.018+02:00 INF0 47221 --- [ main] o.s.b.d.r.RestartApplicationListener : Restart disabled due to context in which it
                             product p1_0
      ning
2025-05-23T13:16:44.980+02:00 INFO 47221 --- [ main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframesecurity.web.session.DisableEncodeUrlFilter@6589000, org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter@41d3ddf pringframework.security.web.context.Security.web.context.Security.web.context.Security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.sorg.springframework.security.web.access.ExceptionFranslationFilter@22825762, org.springframework.security.web.access.ExceptionFranslationFilter@22825762, org.springframework.security.web.access.ExceptionFranslationFilter@6238472, org.springframework.security.web.access.ExceptionFranslationFilter@22825762, org.springframework.security.web.access.ExceptionFranslationFilter@6238472, org.springframework.security.web.access.ExceptionFranslationFilter@6238472, org.springframework.security.web.access.ExceptionFranslationFilter@6238472, org.springframework.security.web.access.ExceptionFranslationFilter@6238472, org.springframework.security.web.access.ExceptionFranslati
  ocess running for 5.842)
BODY UPLOAD:
BODY GET:
                   ] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.293 s -- in com.example.mycloud.controller.ProductControllerTest
| Running com.example.mycloud.service.ProductServiceTest
| Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.124 s -- in com.example.mycloud.service.ProductServiceTest
                      Results:
                      Total time: 8.172 s
Finished at: 2025-05-23T13:16:41+02:00
```