cdi-example (0.0.1)

Maksim Kostromin

Version 0.0.1, 2019-09-01 15:55:43 UTC

Table of Contents

Intro

Maven java main CDI example

Read project reference documentation

- add proper dependencies

```xml
<dependency>
  <groupId>org.jboss.weld.se</groupId>
  <artifactId>weld-se-core</artifactId>
  <version>3.0.5.Final</version>
</dependency>
<dependency>
  <groupId>javax.enterprise</groupId>
  <artifactId>cdi-api</artifactId>
  <version>2.0</version>
</dependency>
<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jandex</artifactId>
  <version>2.0.5.Final</version>
</dependency>
```

- add minial required bootstrap configuration

```java
public class App {
  public static void main(String[] args) {
    SeContainer container = SeContainerInitializer.newInstance()
                                        .setClassLoader(App.class
.getClassLoader())
                                        .addPackages(App.class,
                                                  BeanManager.class)
                                        .initialize();

    // happy hacking!
  }
}
```

- build, run abd test

There are 2 options for fat jar available:

- maven-assembly-plugin
- capsule-maven-plugin

```
# jar
./mvnw -Passembly ; java -jar target/*-all.jar

# docker
./mvnw -Pcapsule ; ./mvnw docker-compose:up -P docker
```

Other

maven profiles

qualifiersmore

```
./mvnw -Pdependent,assembly
java -jar target/*-all.jar
```

qualifiersmore

```
./mvnw -Pany,capsule
java -jar target/*-all.jar
```

qualifiersmore

```
./mvnw -Pqualifiersmore,assembly
java -jar target/*-all.jar
```

getting-started

```
./mvnw -Pgetting-started,assembly
java -jar target/*-all.jar
```

interceptors

```
./mvnw -Pinterceptors,capsule
java -jar target/*-all.jar
```

logs

```
./mvnw -Plogs,capsule
java -jar target/*-all.jar
```

qualifiers

```
./mvnw -Pqualifiers,assembly
java -jar target/*-all.jar
```

default (simple)

```
./mvnw
./mvnw -Psimple,assembly
java -jar target/*-all.jar
```

Links

links:

- Learn more from JakartaEE tutorials
- JBoss weld reference

TODO:

- Check other options for Weld CDI configuration
- GitHub repo
- GitHub pages