

# cdi-example (0.0.1)

Maksim Kostromin

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# Table of Contents

Intro .....	1
Other .....	3
maven profiles.....	4
Links .....	6

# Intro

Maven java main CDI example

Read [project reference documentation](#)

- add proper dependencies

```
<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

```
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 -Pcapsule,alternatives  
java -jar target/*-all.jar
```

## *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:

- [youtube.com/watch?v=LYKMaj4XKvg](https://youtube.com/watch?v=LYKMaj4XKvg)
- [docs.jboss.org/weld/reference/latest/en-US/html/environments.html#\\_bootstrapping\\_cdi\\_se](https://docs.jboss.org/weld/reference/latest/en-US/html/environments.html#_bootstrapping_cdi_se)
- [docs.jboss.org/weld/reference/latest/en-US/html/environments.html](https://docs.jboss.org/weld/reference/latest/en-US/html/environments.html)
- [Weld CDI reference](#)
- [Learn more from JakartaEE tutorials](#)
- [JBoss weld reference](#)
- [docs.jboss.org/cdi/spec/2.0/cdi-spec.html#default\\_bean\\_discovery](https://docs.jboss.org/cdi/spec/2.0/cdi-spec.html#default_bean_discovery)

TODO:

- [Check other options for Weld CDI configuration](#)
- [GitHub repo](#)
- [GitHub pages](#)