La lecture, super pouvoir des devs

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Replying to @steveofmcleod

I frequently say, "Reading the book/docs is a superpower that _anyone _ can have."

Sadly, few take me up on it.

I'll keep reading the docs.

3:14 AM · May 6, 2024

Re : Livraison batch ➤

Charles,

Je viens de tester le batch. Ça ne marche pas.

Pouvez-vous corriger ?

Fabien

↩ Répondre   → Transférer   ☺

```
Exception in thread "main" java.lang.NullPointerException
        at NullPointer.main(NullPointer.java:9)
```

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Exception in thread "main" java.lang.NullPointerException
         at NullPointer.main(NullPointer.java:9)
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```java
System.out.println(service.translate(data.getMessage().getContent(), userPrefs.getLocale()));
```

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Exception in thread "main" java.lang.NullPointerException
        at NullPointer.main(NullPointer.java:9)
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Java 11

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Exception in thread "main" java.lang.NullPointerException
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Java 11

Exception in thread "main" java.lang.NullPointerException
        at NullPointer.main(NullPointer.java:9)

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System.out.println(service.translate(data.getMessage().getContent(), userPrefs.getLocale()));
```
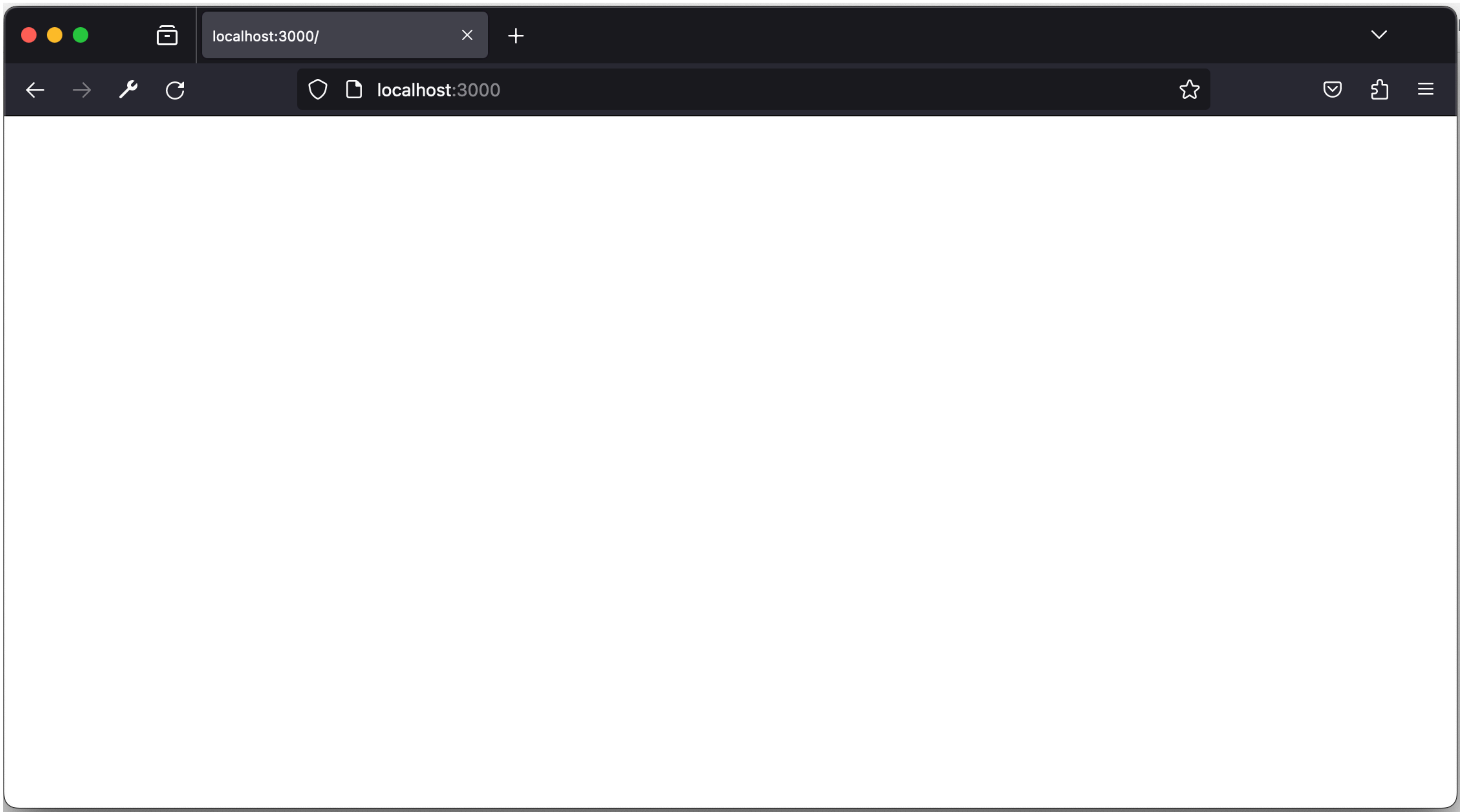
Java 17
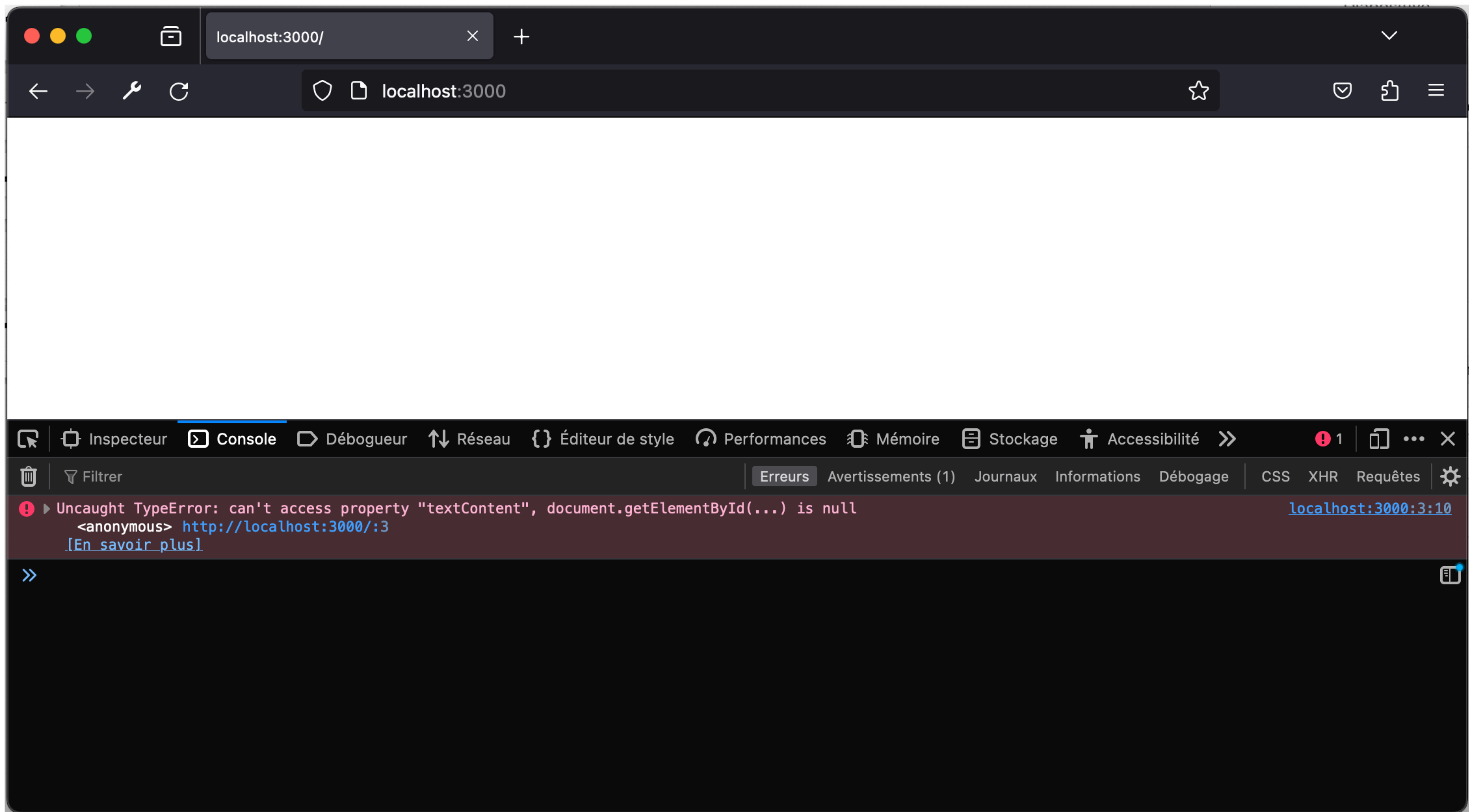
Exception in thread "main" java.lang.NullPointerException: Cannot invoke "NullPointer$Message.getContent()"
because the return value of "NullPointer$DataBox.getMessage()" is null
        at NullPointer.main(NullPointer.java:9)

Table users not found

Table users not found

Database connection failed

localhost:3000/

localhost:3000

Filtrer

Erreurs Avertissements (1) Journaux Informations Débogage   CSS XHR Requêtes

⊘ ▶ Uncaught TypeError: can't access property "textContent", document.getElementById(...) is null   localhost:3000:3:10
      <anonymous> http://localhost:3000/:3
      [En savoir plus]

»

La cause de l'erreur

```
Exception in thread "main" com.myproject.module.MyProjectFooBarException: Some Method operation failed
    at com.myproject.module.MyProject.anotherMethod(MyProject.java:19)
    at com.myproject.module.MyProject.someMethod(MyProject.java:12)
```

La cause de l'erreur

```
Exception in thread "main" com.myproject.module.MyProjectFooBarException: Some Method operation failed
    at com.myproject.module.MyProject.anotherMethod(MyProject.java:19)
    at com.myproject.module.MyProject.someMethod(MyProject.java:12)
    at com.myproject.module.MyProject.main(MyProject.java:8)
Caused by: java.lang.ArithmeticException: La dénominateur ne doit pas être zéro
    at org.apache.commons.lang3.math.Fraction.getFraction(Fraction.java:143)
    at com.myproject.module.MyProject.anotherMethod(MyProject.java:17)
    ... 2 more
```

La cause de l'erreur

```
Exception in thread "main" com.myproject.module.MyProjectFooBarException: Some Method operation failed
    at com.myproject.module.MyProject.anotherMethod(MyProject.java:19)
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Caused by: java.lang.ArithmeticException: La dénominateur ne doit pas être zéro
    at org.apache.commons.lang3.math.Fraction.getFraction(Fraction.java:143)
    at com.myproject.module.MyProject.anotherMethod(MyProject.java:17)
    ... 2 more
```

```
try {
    someMethod();
} catch (Exception e) {
    throw new MyProjectFooBarException(« Some Method operation failed », e);
}
```

La cause de l'erreur

```
Exception in thread "main" java.lang.NullPointerException
            at NullPointer.main(NullPointer.java:9)
```

La cause de l'erreur

```
[WARNING] - API RESPONSE - 404


Exception in thread "main" java.lang.NullPointerException
          at NullPointer.main(NullPointer.java:9)
```

Un process de build
Ca marche ou pas ?

- Téléchargement des dépendances

- Compilation/Transpilation des sources

- Exécution des tests

- Packaging

Téléchargement des dépendances
Le cas facile

org.company.team:whatever-lib:1.0.0 not found

Téléchargement des dépendances
Le cas facile

org.company.team:whatever-lib:1.0.0 not found

Il me dit qu'il trouve pas la dépendance « … », tu comprends pourquoi ?

Téléchargement des dépendances
Le cas tordu

Can't download org.company.team:whatever-lib:1.0.0 from repository
there is a long and obscure message explaining why,
but you need to understand well the concepts underhood…

Téléchargement des dépendances
Le cas tordu

Can't download org.company.team:whatever-lib:1.0.0 from repository
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Ca marche pas !

Compilation des sources
Le cas facile

MonService.getLastUpdate needs 1 argument

Compilation des sources
Le cas facile

MonService.getLastUpdate needs 1 argument

Oups !

Compilation des sources
Le cas tordu

ServiceVenantDuneLib.getLastUpdate needs 1 argument

Compilation des sources
Le cas tordu

ServiceVenantDuneLib.getLastUpdate needs 1 argument

Ca marche pas !

Exécution des tests
Le cas facile

The test you just write failed

Exécution des tests
Le cas facile

The test you just write failed

Oups !

Exécution des tests
Le cas tordu

Test you don't touch failed

80/100 tests failed

True is expected to be false

Exécution des tests
Le cas tordu

Test you don't touch failed

80/100 tests failed

True is expected to be false

Ca marche pas !

Packaging
Le cas tordu

???

Packaging
Le cas tordu

???

Ca marche pas !

Récapitulatif

- Ne pas s'arrêter à « ça marche pas »

- Trouver les logs !

- Le message d'erreur n'est pas l'erreur. Cherchez la cause.

- Demandez de l'aide

Merci d'avoir écouter !

Des questions ?