

Better Assertions with AssertJ



Tim te Beek

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Tim te Beek
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Staff software engineer at Moderne,
supporting the OpenRewrite community.

Edit profile

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Achievements



Highlights

🛡 3 security advisory credits

Organizations



timtebeek / README.md

Staff software engineer who enjoys working with and contributing to Open Source such as OpenRewrite, Maven, Spring and ArchUnit. When not at work you'll find me traveling, bouldering, snowboarding, mountainbiking or at one of many cultural events around my home town or abroad.



5,836 contributions in the last year

Contribution settings

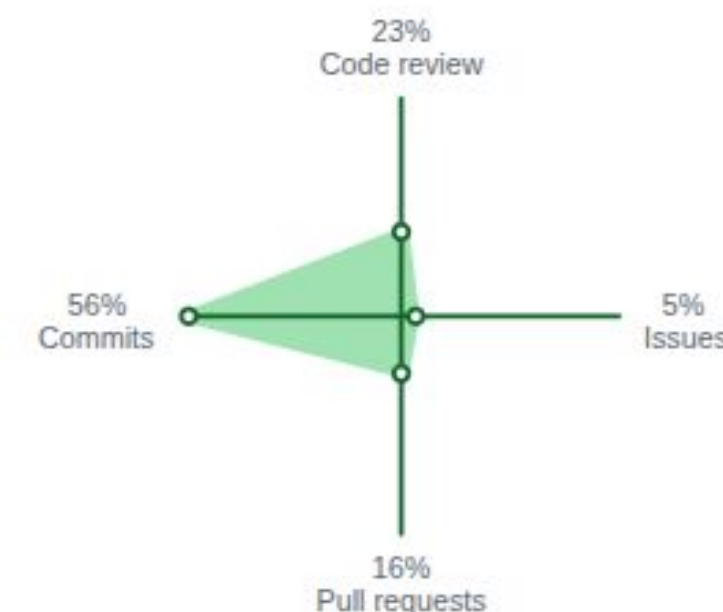
2025



🏢 @openrewrite 🏢 @moderneinc 🏢 @langchain4j More

Activity overview

📄 Contributed to [openrewrite/rewrite](#), [moderneinc/moderne-cli](#), [openrewrite/rewrite-migrate-java](#) and 171 other repositories



2024

2023

2022

2021

2020

2019

2018

2017

2016

2015

2014

2013

Bad Assertions



Better Assertions



Make the switch



Accurate code modification

Accurate code changes that match the local code style across 1,000s of repositories.

EXAMPLE: JUnit 4 to 5 migration: "assertThrows" call added to the test's method body

No longer define an expected exception on the '@Test' annotation

```
@Test(expected = NoSuchBeanDefinitionException.class)
```

```
@Test
```

```
public void testLocalSchedulerEnabled() {
```

```
    assertFalse(context.getEnvironment().containsProperty("kubernetes_service_host"));
```

```
    assertFalse(CloudPlatform.CLOUD_FOUNDRY.isActive(context.getEnvironment()));
```

```
    context.getBean(Scheduler.class);
```

```
    assertThrows(NoSuchBeanDefinitionException.class, () -> {
```

```
        assertFalse(context.getEnvironment().containsProperty("kubernetes_service_host"));
```

```
        assertFalse(CloudPlatform.CLOUD_FOUNDRY.isActive(context.getEnvironment()));
```

```
        context.getBean(Scheduler.class);
```

```
    });
```

```
}
```

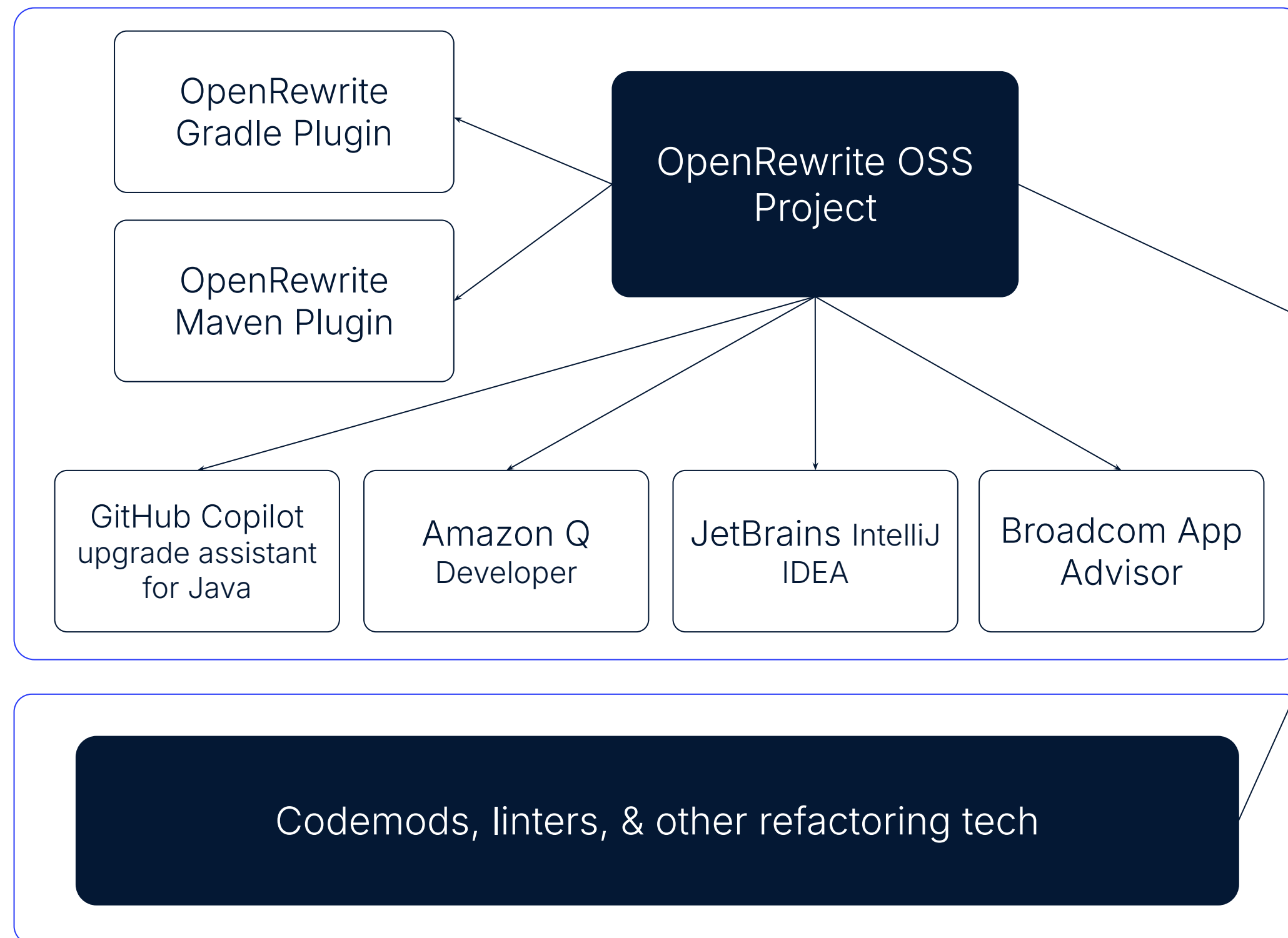
Auto-refactoring relocates the original contents into a lambda argument in an 'assertThrows' call and formats per existing code style

Refaster rules for the migration

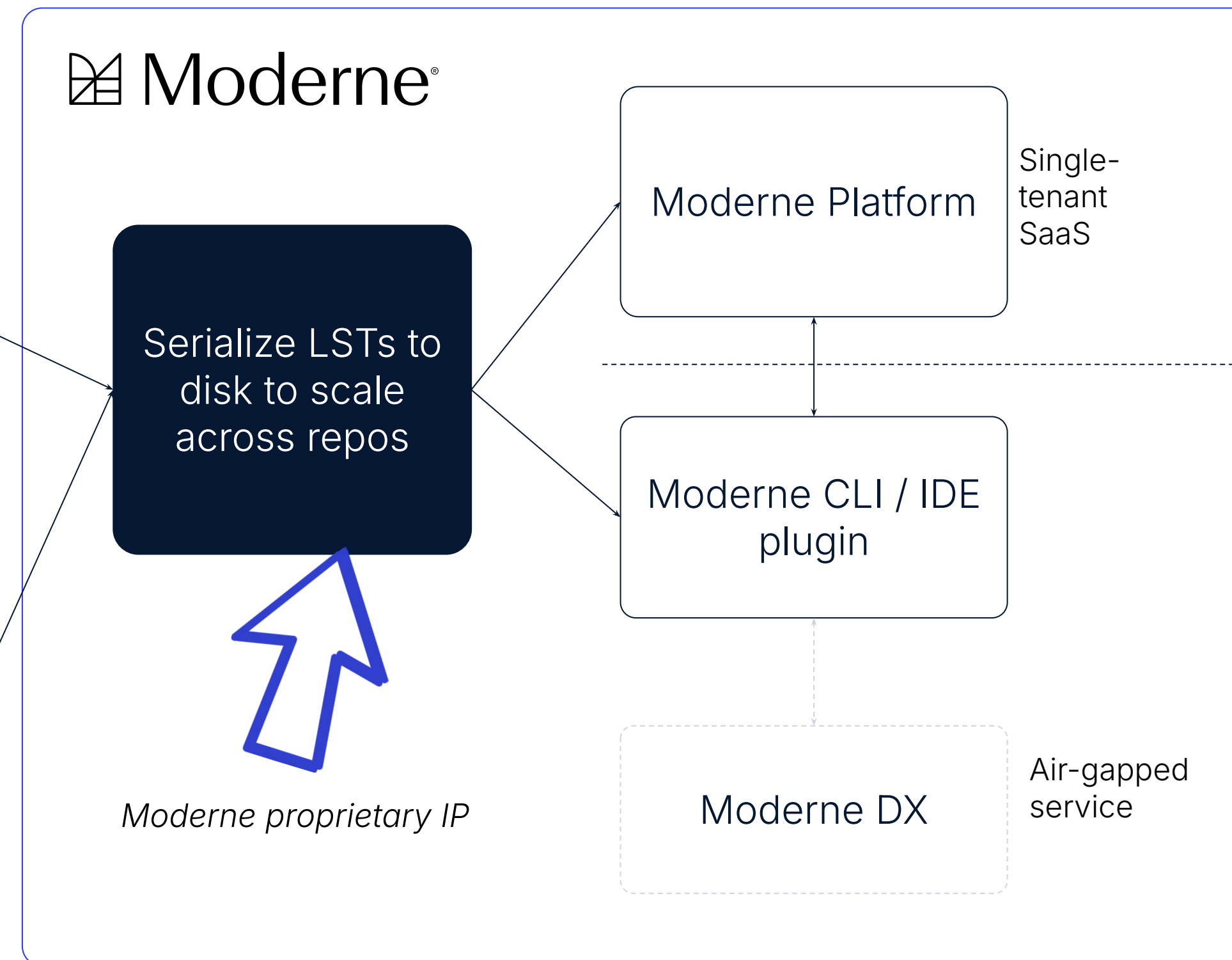
```
1.  class AssertThatStringContains {
2.      @BeforeTemplate
3.      AbstractBooleanAssert<?> before(String string, CharSequence substring) {
4.          return assertThat(string.contains(substring)).isTrue();
5.      }
6.
7.      @AfterTemplate
8.      @UseImportPolicy(STATIC_IMPORT_ALWAYS)
9.      AbstractStringAssert<?> after(String string, CharSequence substring) {
10.         return assertThat(string).contains(substring);
11.     }
12. }
```

Moderne scales OpenRewrite

Single-repository mode



Multi-repository mode



Shared OSS recipe ecosystem plus Moderne proprietary recipes for major migrations and security

MockMvcTester



Educate others



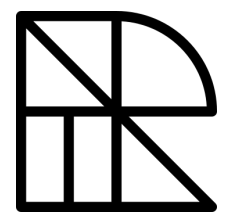
Encourage proper use

<https://github.com/timtebeek/better-assertions/pull/1/files>

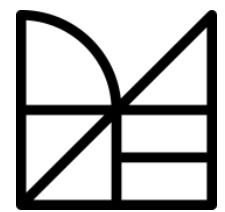
Where to learn more



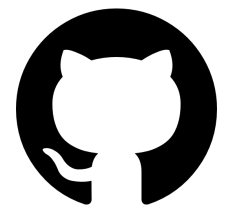
assertj.github.io/doc



docs.openrewrite.org



moderne.io



github.com/openrewrite



youtube.com/@Moderne-and-OpenRewrite



Graciès!



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