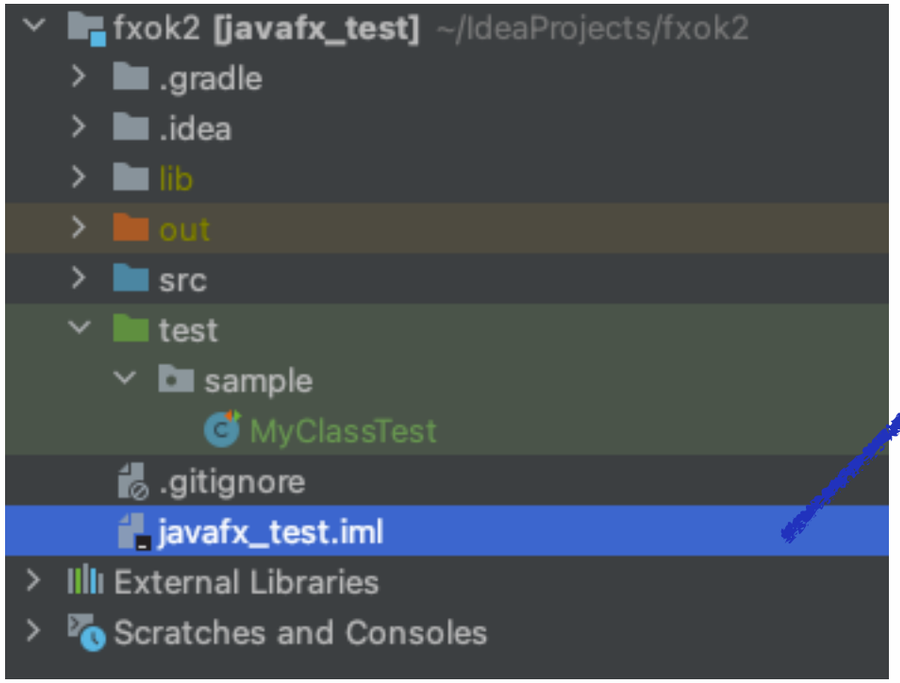
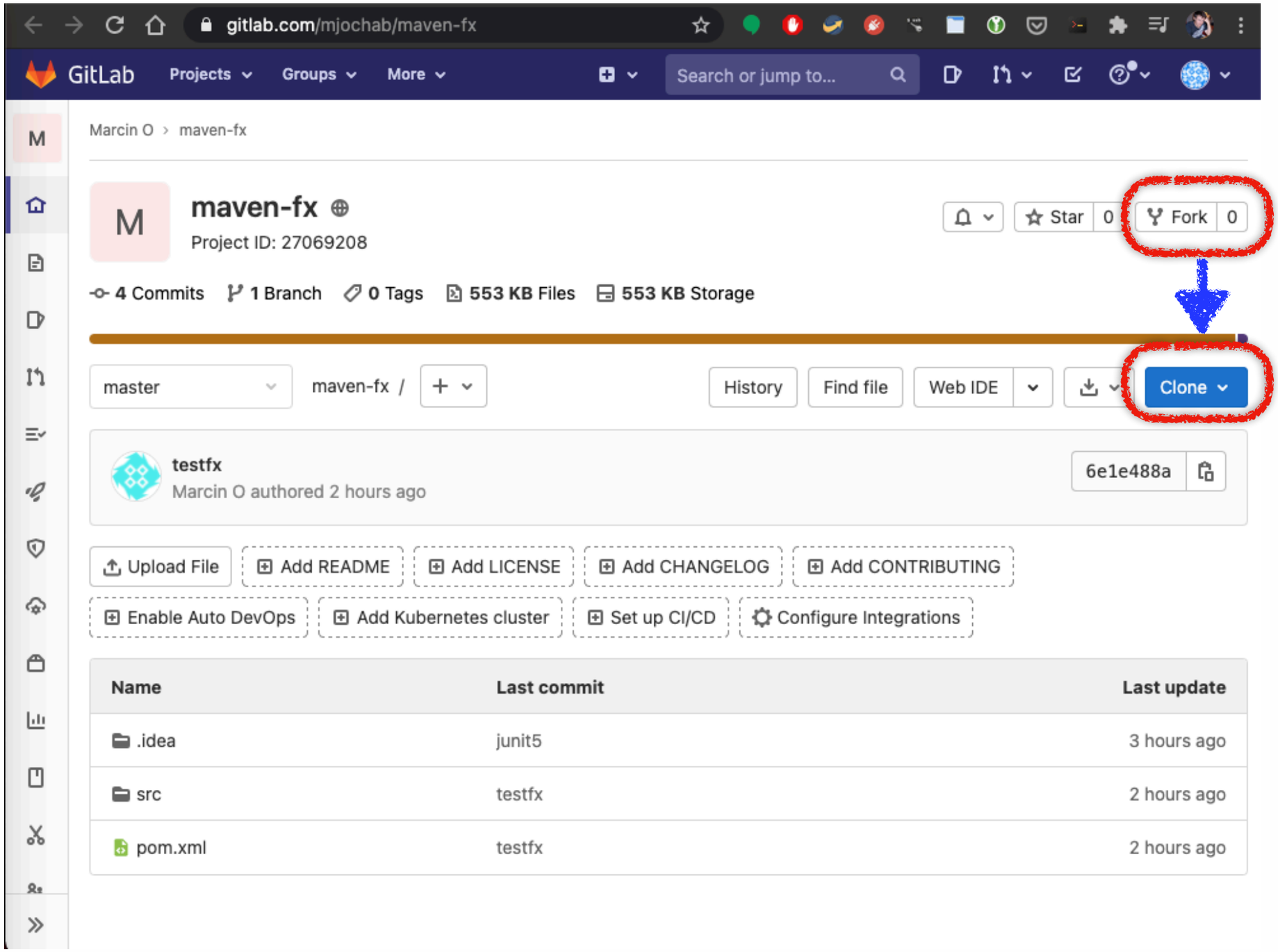
Serwer CI GITLab dla Java FX

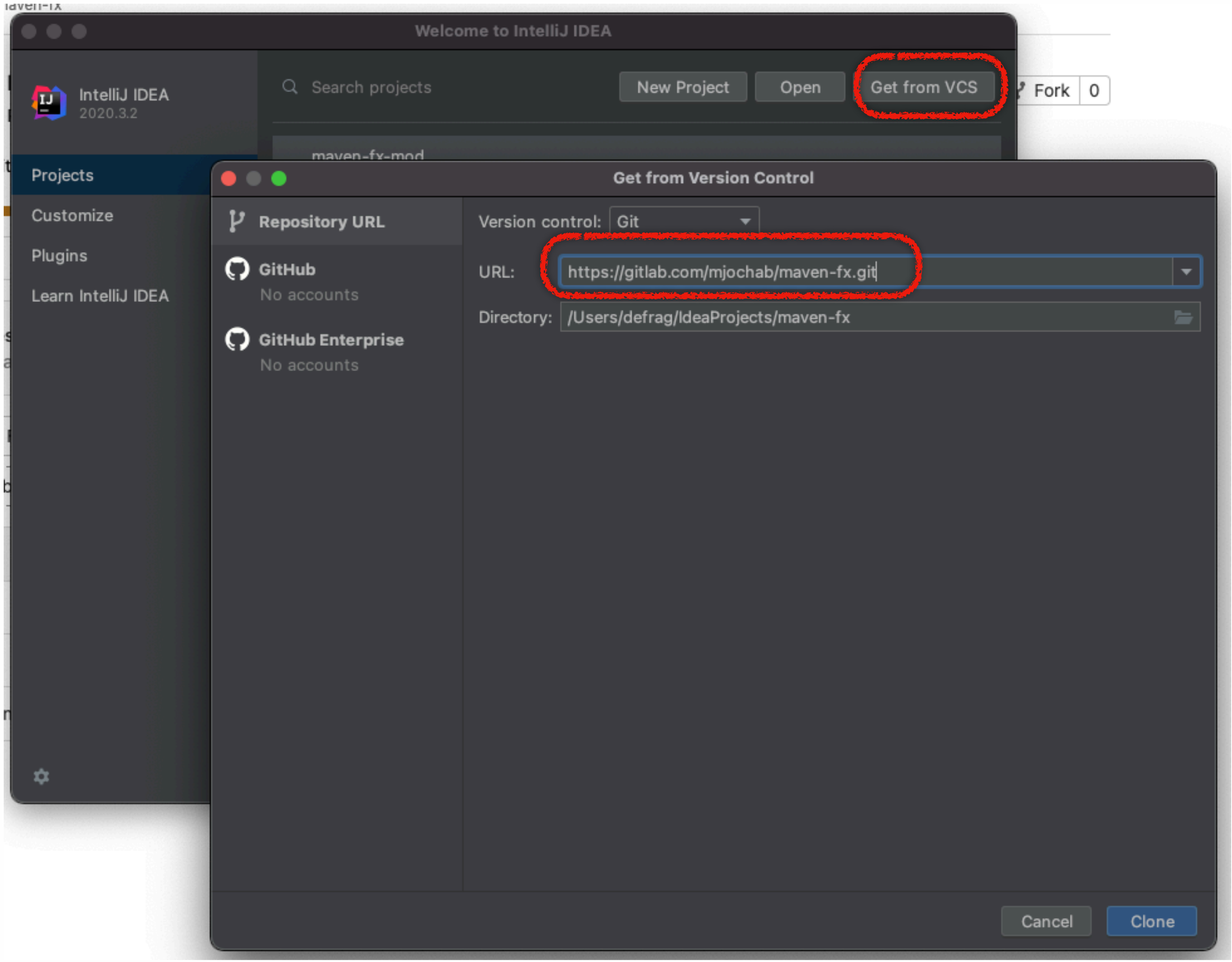


TeamCity

Maven™

https://gitlab.com/mjochab/maven-fx




Welcome to IntelliJ IDEA
IntelliJ IDEA
2020.3.2
Search projects
New Project
Open
Get from VCS
Fork
0
maven-fx-mod
Projects
Customize
Plugins
Learn IntelliJ IDEA
Get from Version Control
Repository URL
GitHub
No accounts
GitHub Enterprise
No accounts
Version control:
Git
URL:
https://gitlab.com/mjochab/maven-fx.git
Directory:
/Users/defrag/IdeaProjects/maven-fx
Cancel
Clone

maven-fx › src › main › java › org › openjfx › App

Project

- maven-fx [hellofx] ~/IdeaProjects/maven-fx
  - .idea
  - src
    - main
      - java
        - org.openjfx
          - App
          - ExampleGridScene
          - PrimaryController
          - SecondaryController
      - resources
    - test
      - java
        - org.openjfx
          - AppTest
          - ClickableButtonTest.java
  - target
  - pom.xml
- External Libraries
- Scratches and Consoles

App.java

```
package org.openjfx;

import ...

/**
 * JavaFX App
 */
public class App extends Application {

    private static Scene sce
    private static Stage sta

    @Override
    public void start(Stage
        scene = new Scene(lo
        scene.getStylesheets
        stage.setScene(scene
        stage.show();
        stagee=stage;
    }
    static void setGrid() t
        scene =new ExampleGr
        stagee.setScene(scen
        stagee.show();
    }

    static void setRoot(Stri
        scene.setRoot(loadFX
    }
```

Show Context Actions ⌥⏎
Paste ⌘V
Copy / Paste Special
Column Selection Mode ⇧⌘8
Refactor
Folding
Analyze
Go To
Generate... ⌘N
Run 'App.main()' ^⇧R
Debug 'App.main()' ^⇧D
More Run/Debug
Open In
Local History
Git
Compare with Clipboard
Diagrams
Create Gist...

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run] App

```
/Users/defrag/Library/Java/JavaVirtualMachines/openjdk-15.0.2/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA.app/Contents/lib/idea_rt.ja
Error: JavaFX runtime components are missing, and are required to run this application

Process finished with exit code 1
```

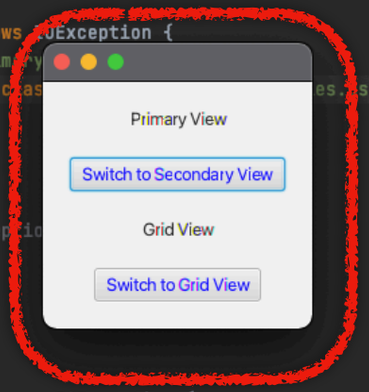
maven-fx 〉 pom.xml

Project

- maven-fx [hellofx] ~/IdeaProjects/maven-fx
  - .idea
  - src
    - main
      - java
        - org.openjfx
          - App
          - ExampleGridScene
          - PrimaryController
          - SecondaryController
      - resources
    - test
      - java
        - org.openjfx
          - AppTest
          - ClickableButtonTest.java
  - target
  - pom.xml
- External Libraries
- Scratches and Consoles

App.java

```java
package org.openjfx;

import ...

/**
 * JavaFX App
 */
public class App extends Application {

    private static Scene scene;
    private static Stage stagee;

    @Override
    public void start(Stage stage) throws IOException {
        scene = new Scene(loadFXML("primary
        scene.getStylesheets().add(App.cla
        stage.setScene(scene);
        stage.show();
        stagee=stage;
    }
    static void setGrid() throws IOExcepti
        scene =new ExampleGridScene();
        stagee.setScene(scene);
        stagee.show();
    }

    static void setRoot(String fxml) throws IOException {
        scene.setRoot(loadFXML(fxml));
    }
```



Maven

- hellofx
  - Lifecycle
    - clean
    - validate
    - compile
    - test
    - package
    - verify
    - install
    - site
    - deploy
  - Plugins
    - clean (org.apache.maven.plugins:maven-clean-plugin:2.5)
    - compiler (org.apache.maven.plugins:maven-compiler-plugin:3.8.1)
    - deploy (org.apache.maven.plugins:maven-deploy-plugin:2.7)
    - install (org.apache.maven.plugins:maven-install-plugin:2.4)
    - jar (org.apache.maven.plugins:maven-jar-plugin:2.4)
    - javafx (org.openjfx:javafx-maven-plugin:0.0.6)
      - javafx:jlink
      - javafx:run
    - resources (org.apache.maven.plugins:maven-resources-plugin:2.6)
    - site (org.apache.maven.plugins:maven-site-plugin:3.3)
    - surefire (org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M5)
  - Dependencies
    - org.openjfx:javafx-controls:16
    - org.openjfx:javafx-fxml:16
    - org.junit.jupiter:junit-jupiter:5.4.0 (test)
    - org.testfx:testfx-core:4.0.16-alpha (test)

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run]

- hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run]:
  - org.openjfx:hellofx:jar:1.0-SNAPSHOT

```
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ hellofx ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 3 resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ hellofx ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 4 source files to /Users/defrag/IdeaProjects/maven-fx/target/classes
[INFO]
[INFO] <<< javafx-maven-plugin:0.0.6:run (default-cli) < process-classes @ hellofx <<<
[INFO]
[INFO]
[INFO] --- javafx-maven-plugin:0.0.6:run (default-cli) @ hellofx ---
[INFO] Toolchain in javafx-maven-plugin null
```

SecondaryController
resources
test
java
org.openjfx
AppTest
ClickableButtonTest.java
ClickableButtonsTest
target
pom.xml
External Libraries
Scratches and Consoles

```
19        stage.setScene(new ExampleGridScene());
20        stage.show();
```

```
first_button() {
Query: "#first-button", has
_first_button(FxRobot rob
Query: "#first-button");
Query: "#first-button", has
```

New
Cut ⌘X
Copy ⌘C
Copy Path...
Paste ⌘V
Path From Repository Root
Find Usages ⌥F7
Find in Files... ⇧⌘F
Replace in Files... ⇧⌘R
Analyze
Refactor
Add to Favorites
Reformat Code ⌥⌘L
Optimize Imports ^⌥O
Delete...
Build Module 'hellofx'
Rebuild '<default>' ⇧⌘F9
Run 'All Tests' ^⇧R
Debug 'All Tests' ^⇧D
More Run/Debug
Open In
Local History
Git
Reload from Disk
Compare With... ⌘D
Open Module Settings ⌘↓

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run]
<default package>
AppTest
main()
ClickableButtonsTest
should_click_on_second_button_twice(FxRobot)
should_click_on_first_button(FxRobot)
should_click_on_second_button_once(FxRobot)
should_contain_first_button()

```
s 27 ms
va/JavaVirtualMachines/op
com.sun.javafx.applicati
FX configuration: classe
t code 0
```

Project

- maven-fx [hellofx] ~/IdeaProjects/maven-fx
  - .idea
  - src
    - main
      - java
        - org.openjfx
          - App
          - ExampleGridScene
          - PrimaryController
          - SecondaryController
      - resources
    - test
      - java
        - org.openjfx
          - AppTest
          - ClickableButtonTest.java
            - ClickableButtonsTest
  - target
  - pom.xml
- External Libraries
- Scratches and Consoles

App.java | ClickableButtonTest.java | pom.xml (hellofx)

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
         xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <groupId>org.openjfx</groupId>
    <artifactId>hellofx</artifactId>
    <version>1.0-SNAPSHOT</version>
    <properties>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
        <maven.compiler.release>11</maven.compiler.release>
        <javafx.version>16</javafx.version>
        <javafx.maven.plugin.version>0.0.6</javafx.maven.plugin.version>
    </properties>
    <dependencies>
        <dependency>
            <groupId>org.openjfx</groupId>
            <artifactId>javafx-controls</artifactId>
            <version>${javafx.version}</version>
        </dependency>
        <dependency>
            <groupId>org.openjfx</groupId>
            <artifactId>javafx-fxml</artifactId>
            <version>${javafx.version}</version>
        </dependency>
        <dependency>
            <groupId>org.junit.jupiter</groupId>
            <artifactId>junit-jupiter</artifactId>
            <version>5.4.0</version>
            <scope>test</scope>
```

project

Maven

- hellofx
  - Lifecycle
    - clean
    - validate
    - compile
    - test
    - package
    - verify
    - install
    - site
    - deploy
  - Plugins
    - clean (org.apache.maven.plugins:maven-clean-plugin:2.5)
    - compiler (org.apache.maven.plugins:maven-compiler-plugin:3.8.1)
    - deploy (org.apache.maven.plugins:maven-deploy-plugin:2.7)
    - install (org.apache.maven.plugins:maven-install-plugin:2.4)
    - jar (org.apache.maven.plugins:maven-jar-plugin:2.4)
    - javafx (org.openjfx:javafx-maven-plugin:0.0.6)
      - javafx:jlink
      - javafx:run
    - resources (org.apache.maven.plugins:maven-resources-plugin:2.6)
    - site (org.apache.maven.plugins:maven-site-plugin:3.3)
    - surefire (org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M5)
  - Dependencies
    - org.openjfx:javafx-controls:16
    - org.openjfx:javafx-fxml:16
    - org.junit.jupiter:junit-jupiter:5.4.0 (test)
    - org.testfx:testfx-core:4.0.16-alpha (test)
    - org.testfx:testfx-junit5:4.0.16-alpha (test)

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run] | hellofx [test]

hellofx [test]: At 01/06/2021, 23:55 — 10 sec, 73 ms

```
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  8.453 s
[INFO] Finished at: 2021-06-01T23:55:37+02:00
[INFO] ------------------------------------------------------------------------

Process finished with exit code 0
```

IntelliJ IDEA File Edit View Navigate Code Analyze Refactor Build Run Tools Git Window Help

About IntelliJ IDEA
Check for Updates...
Preferences... ⌘ ,
Services
Hide IntelliJ IDEA ⌘H
Hide Others ⌥⌘H
Show All
Quit IntelliJ IDEA ⌘Q

maven-fx – App.java

Preferences

Build, Execution, Deployment › Build Tools › Maven › Runner For current project

Delegate IDE build/run actions to Maven
Run in background

VM Options:

JRE: Use Project JDK (version 15.0.2, path: /Users/defrag/Library/Jav...openjdk-15.0.2/Contents/H

Environment variables:

Properties:

Skip Tests

No properties defined

- Appearance & Behavior
  - Appearance
  - Menus and Toolbars
  - System Settings
    - File Colors
    - Scopes
    - Notifications
    - Quick Lists
    - Path Variables
- Keymap
- Editor
- Plugins
- Version Control
- Build, Execution, Deployment
  - Build Tools
    - Maven
      - Importing
      - Ignored Files
      - Runner
      - Running Tests
      - Repositories
    - Gradle
    - Gant
  - Compiler
  - Debugger
  - Remote Jar Repositories

Cancel Apply OK

Project

- maven-fx [hellofx] ~/IdeaProjects/maven-fx
  - .idea
  - src
    - main
      - java
        - org.openjfx
          - App
          - ExampleGridScene
          - PrimaryController
          - SecondaryController
      - resources
    - test
      - java
        - org.openjfx
          - AppTest
          - ClickableButtonTest.java
            - ClickableButtonsTest
  - target
  - pom.xml
- External Libraries
- Scratches and Consoles

App.java | ExampleGridScene.java | ClickableButtonTest.java | pom.xml (hellofx) | AppTest.java

```
1  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
2           xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
3      <modelVersion>4.0.0</modelVersion>
4      <groupId>org.openjfx</groupId>
5      <artifactId>hellofx</artifactId>
6      <version>1.0-SNAPSHOT</version>
7      <properties>
8          <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
9          <maven.compiler.release>11</maven.compiler.release>
10         <javafx.version>16</javafx.version>
11         <javafx.maven.plugin.version>0.0.6</javafx.maven.plugin.version>
12     </properties>
13     <dependencies>
14         <dependency>
15             <groupId>org.openjfx</groupId>
16             <artifactId>javafx-controls</artifactId>
17             <version>${javafx.version}</version>
18         </dependency>
19         <dependency>
20             <groupId>org.openjfx</groupId>
21             <artifactId>javafx-fxml</artifactId>
22             <version>${javafx.version}</version>
23         </dependency>
24         <dependency>
25             <groupId>org.junit.jupiter</groupId>
26             <artifactId>junit-jupiter</artifactId>
27             <version>5.4.0</version>
28             <scope>test</scope>
```

project

Maven

- hellofx
  - Lifecycle
    - clean
    - validate
    - compile
    - test
    - package
    - verify
    - install
    - site
    - deploy
  - Plugins
    - clean (org.apache.maven.plugins:maven-clean-plugin:2.5)
    - compiler (org.apache.maven.plugins:maven-compiler-plugin:3.8.1)
    - deploy (org.apache.maven.plugins:maven-deploy-plugin:2.7)
    - install (org.apache.maven.plugins:maven-install-plugin:2.4)
    - jar (org.apache.maven.plugins:maven-jar-plugin:2.4)
    - javafx (org.openjfx:javafx-maven-plugin:0.0.6)
      - javafx:jlink
      - javafx:run
    - resources (org.apache.maven.plugins:maven-resources-plugin:2.6)
    - site (org.apache.maven.plugins:maven-site-plugin:3.3)
    - surefire (org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M5)
  - Dependencies
    - org.openjfx:javafx-controls:16
    - org.openjfx:javafx-fxml:16
    - org.junit.jupiter:junit-jupiter:5.4.0 (test)
    - org.testfx:testfx-core:4.0.16-alpha (test)
    - org.testfx:testfx-junit5:4.0.16-alpha (test)

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run] | hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run]

hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run]: At 01/06/2021, 23:59 14 sec, 523 ms

```
[INFO] <<< javafx-maven-plugin:0.0.6:run (default-cli) < process-classes @ hellofx <<<
[INFO]
[INFO]
[INFO] --- javafx-maven-plugin:0.0.6:run (default-cli) @ hellofx ---
[INFO] Toolchain in javafx-maven-plugin null
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  13.026 s
[INFO] Finished at: 2021-06-01T23:59:23+02:00
[INFO] ------------------------------------------------------------------------

Process finished with exit code 0
```

App.java | ExampleGridScene.java | ClickableButtonTest.java | pom.xml (hellofx) | AppTest.java

```java
package org.openjfx;

import static org.junit.jupiter.api.Assertions.*;

class AppTest {

    @org.junit.jupiter.api.Test
    void main() {
        assertEquals( expected: 0, actual: 1);
    }
}
```

Maven

hellofx
Lifecy
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0.0.6:run] | hellofx [test]

10 sec, 891 ms
8 sec, 873 ms
6 sec, 590 ms
lugins:maven-surefire-plugin:3.0.0-M5:test (defau

```
    at org.openjfx.AppTest.main(AppTest.java:9)
[INFO] Running org.openjfx.ClickableButtonsTest
cze 02, 2021 12:10:01 AM com.sun.javafx.application.PlatformImpl startup
WARNING: Unsupported JavaFX configuration: classes were loaded from 'unnamed module @729
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 4.404 s - in org.
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   AppTest.main:9 expected: <0> but was: <1>
[INFO]
[ERROR] Tests run: 5, Failures: 1, Errors: 0, Skipped: 0
```

https://github.com/TestFX/TestFX

App.java | ExampleGridScene.java | ClickableButtonTest.java | pom.xml (hellofx) | AppTest.java

```java
@Test
void should_click_on_first_button(FxRobot robot) {
    // when:
    robot.clickOn( query: "#first-button");

    // then:
    verifyThat( nodeQuery: "#first-button", hasText("clicked!"));
}

@Test
void should_click_on_second_button_once(FxRobot robot) {
    // when:
    robot.clickOn( query: "#second-button");

    // then:
    verifyThat( nodeQuery: "#second-button", hasText("1 clicks"));
    verifyThat( nodeQuery: "#first-button", hasText("click me to change my name!"));
}

@Test
void should_click_on_second_button_twice(FxRobot robot) {
    // when:
    robot.clickOn( query: "#second-button");
    robot.clickOn( query: "#second-button");

    // then:
    verifyThat( nodeQuery: "#second-button", hasText("2 clicks"));
    verifyThat( nodeQuery: "#first-button", hasText("click me to change my name!"));
}
```

Terminal: Local

```
defrag@iMac maven-fx % mvn test
```

Run Commands using IDE
Press ⌘⏎ to run the highlighted action using the relevant IDE feature instead of the terminal. Press ⇧⌘⏎ for debug. Press Enter to run the command in the terminal as usual. You can turn this bel

Git Run TODO Problems Terminal Profiler Build

Run: hellofx [org.openjfx:javafx-maven-plugin:0.0.6:run] hellofx [test]

hellofx [test]: At 02/06/2021, 00:19 10 sec, 315 ms

```
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  8.411 s
[INFO] Finished at: 2021-06-02T00:19:48+02:00
[INFO] ------------------------------------------------------------------------

Process finished with exit code 0
```

Git Run TODO Problems Terminal Profiler Build

```
Dockerfile          [----] 10 L:[  1+ 8   9/ 10] *(345 / 348b) 0034 0x022
FROM ubuntu:focal
RUN apt-get update && apt-get install -y --no-install-recommends openjdk-16-jdk maven xvfb  && rm -rf /var/lib/apt/lists/*
ADD pom.xml /pom.xml
ADD xvfb-run-wrapper.sh /bin/xvfb-run-wrapper.sh
RUN chmod +x /bin/xvfb-run-wrapper.sh
RUN /bin/xvfb-run-wrapper.sh mvn test

ENTRYPOINT ["/bin/xvfb-run-wrapper.sh", "mvn"]
CMD ["test"]
```

```
xvfb-run-wrapper.sh   [----] 34 L:[  1+ 4   5/  8] *(142 / 172b) 0010 0x00A
#!/bin/sh
export JAVA_HOME=/usr/lib/jvm/default-java
export M2_HOME=/opt/maven
export MAVEN_HOME=/opt/maven
export PATH=${M2_HOME}/bin:${PATH}
(
  /usr/bin/xvfb-run -a $@
)
```

```
$ docker build -t mjochab/maven-jdk-fx:15 .
$ docker login
$ docker push mjochab/maven-jdk-fx:15

$ docker pull mjochab/maven-jdk-fx:15
```

```
defrag@iMac maven-fx % pwd
/Users/defrag/IdeaProjects/maven-fx
defrag@iMac maven-fx % ls
docker  pom.xml src     target
defrag@iMac maven-fx % docker run -it --rm --name my-maven-project -v "$(pwd)":/test -w /test  maven-jdk-fx:15   test
```

```
Downloading from central: https://repo.maven.apache.org/maven2/org/easytesting/fest-util/1.1.6/fest-util-1.1.6.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/easytesting/fest-util/1.1.6/fest-util-1.1.6.pom (1.6 kB at
Downloading from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-engine/1.3.2/junit-platform
Downloading from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-commons/1.3.2/junit-platfo
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-java5/3.0.0-M5/common-java5-
Downloading from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.3.2/junit-platfo
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-engine/1.3.2/junit-platform-
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-java5/3.0.0-M5/common-java5-3
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-commons/1.3.2/junit-platform
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.3.2/junit-platfo
Downloading from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.4.0/junit-platfo
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.4.0/junit-platfo
Downloading from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.4.0/junit-platfo
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.4.0/junit-platfo
[INFO]
[INFO] -------------------------------------------------------
[INFO]  T E S T S
[INFO] -------------------------------------------------------
[INFO] Running org.openjfx.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.091 s - in org.openjfx.AppTest
[INFO] Running org.openjfx.ClickableButtonsTest
Jun 01, 2021 10:46:34 PM com.sun.javafx.application.PlatformImpl startup
WARNING: Unsupported JavaFX configuration: classes were loaded from 'unnamed module @6340608'
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 5.706 s - in org.openjfx.ClickableButtonsTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  16.080 s
[INFO] Finished at: 2021-06-01T22:46:40Z
[INFO] ------------------------------------------------------------------------
defrag@iMac maven-fx %
```

```
[ERROR] Tests run: 4, Failures: 1, Errors: 0, Skipped: 0, Time elapsed: 5.595 s <<< FAILURE! - in org.openjfx.ClickableButto
[ERROR] org.openjfx.ClickableButtonsTest.should_click_on_second_button_once(FxRobot)  Time elapsed: 0.52 s  <<< FAILURE!
java.lang.AssertionError:

Expected: Labeled has text "click me to change my namee!"
     but: was "click me to change my name!"
        at org.openjfx.ClickableButtonsTest.should_click_on_second_button_once(ClickableButtonTest.java:45)

[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   ClickableButtonsTest.should_click_on_second_button_once:45
Expected: Labeled has text "click me to change my namee!"
     but: was "click me to change my name!"
[INFO]
[ERROR] Tests run: 5, Failures: 1, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD FAILURE
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  15.973 s
[INFO] Finished at: 2021-06-01T22:49:16Z
[INFO] ------------------------------------------------------------------------
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M5:test (default-test) on project hello
[ERROR]
[ERROR] Please refer to /test/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
defrag@iMac maven-fx %
```

gitlab.com/mjochab/programowanie-zespolowe-restauracja/-/settings/ci_cd

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Auto DevOps

Expand

Automate building, testing, and deploying your applications based on your continuous integration and delivery configuration. How do I get started?

Runners

Expand

Runners are processes that pick up and execute CI/CD jobs for GitLab. How do I configure runners?

Artifacts

Expand

A job artifact is an archive of files and directories saved by a job when it finishes.

Variables

Expand

Variables store information, like passwords and secret keys, that you can use in job scripts. Learn more.

Variables can be:

- `Protected:` Only exposed to protected branches or tags.
- `Masked:` Hidden in job logs. Must match masking requirements. Learn more.

Pipeline triggers

Expand

Trigger a pipeline for a branch or tag by generating a trigger token and using it with an API call. The token impersonates a user's project access and permissions. Learn more.

Clean up image tags

Expand

Save space and find images in the Container Registry. Remove unneeded tags and keep only the ones you want. How does cleanup work?

gitlab.com/mjochab/programowanie-zespolowe-restauracja/-/settings/ci_cd

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Specific runners

These runners are specific to this project.

Set up a specific runner automatically

Register a runner on a Kubernetes cluster. Learn more.

1. Click the button below.
2. Select an existing Kubernetes cluster or create a new one.
3. From the Kubernetes cluster details view, applications list, install GitLab Runner.

Install GitLab Runner on Kubernetes

Set up a specific runner manually

1. Install GitLab Runner and ensure it's running.
2. Register the runner with this URL:
   `https://gitlab.com/`

   And this registration token:
   `Fz[redacted]9d`

Reset registration token

Show Runner installation instructions

Shared runners

These runners are shared across this GitLab instance.

Shared Runners on GitLab.com run in autoscale mode and are powered by Google Cloud Platform. Autoscaling means reduced wait times to spin up builds, and isolated VMs for each project, thus maximizing security.

They're free to use for public open source projects and limited to 400 CI minutes per month per group for private projects. Read about all GitLab.com plans.

Enable shared runners for this project

Available shared runners: 15

#2072964 (ih9XD9p3)
gitlab-docker-shared-runners-manager-03
gitlab-org-docker

#2072928 (MCUzKzi5)
gitlab-docker-shared-runners-manager-01
gitlab-org-docker

#157329 (9538b0ab)
gitlab-shared-runners-manager-4.gitlab.com
gitlab-org

#1506020 (Hs8mheX5)

gitlab.com/mjochab/programowanie-zespolowe-restauracja/-/settings/ci_cd

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Install a runner

Environment

Linux | macOS | Windows | Docker | Kubernetes

Architecture

amd64

Download and install binary

Download latest binary

```
# Run PowerShell: https://docs.microsoft.com/en-us/powershell/scripting/windows-powers
hell/starting-windows-powershell?view=powershell-7#with-administrative-privileges-run-
as-administrator
# Create a folder somewhere in your system ex.: C:\GitLab-Runner
New-Item -Path 'C:\GitLab-Runner' -ItemType Directory

# Enter the folder
cd 'C:\GitLab-Runner'

# Dowload binary
Invoke-WebRequest -Uri "https://gitlab-runner-downloads.s3.amazonaws.com/latest/binari
es/gitlab-runner-windows-amd64.exe" -OutFile "gitlab-runner.exe"

# Register the Runner (steps below), then run
.\gitlab-runner.exe install
.\gitlab-runner.exe start
```

Command to register runner

```
./gitlab-runner.exe register --url https://gitlab.com/ --registration-token $REGISTRAT
ION_TOKEN
```

Close

https://docs.gitlab.com/runner/register/index.html#docker

```
docker run --rm -it -v /srv/gitlab-runner/config:/etc/gitlab-runner gitlab/gitlab-runner register
```

2. Enter your GitLab instance URL (also known as the `gitlab-ci coordinator URL`).
3. Enter the token you obtained to register the runner.
4. Enter a description for the runner. You can change this value later in the GitLab user interface.
5. Enter the tags associated with the runner, separated by commas. You can change this value later in the GitLab user interface.
6. Provide the runner executor. For most use cases, enter `docker`.
7. If you entered `docker` as your executor, you'll be asked for the default image to be used for projects that do not define one in `.gitlab-ci.yml`.

gitlab.com/mjochab/programowanie-zespolowe-restauracja/-/settings/ci_cd

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Reset registration token

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#157329 (9538b0ab)
gitlab-shared-runners-manager-4.gitlab.com
gitlab-org

#1506020 (Hs8mheX5)

```
dd1fba12eaaa: Pull complete
Digest: sha256:44140075dbdb2208c8d7a2ea3cd48e0e30c8534f2b26716ea9604a5460ace936
Status: Downloaded newer image for gitlab/gitlab-runner:latest
1d82148b6da84fec8f8aea8b7855fba1120280f2eb6b351db88f7b0333433388
defrag@iMac gitlab-ci % docker ps -a
CONTAINER ID   IMAGE                          COMMAND                  CREATED         STATUS         PORTS     NAMES
1d82148b6da8   gitlab/gitlab-runner:latest    "/usr/bin/dumb-init …"   9 seconds ago   Up 7 seconds             gitlab-runner
defrag@iMac gitlab-ci %
defrag@iMac gitlab-runner % docker run --rm -it -v /Users/defrag/docker/gitlab-ci/gitlab-runner/config:/etc/gitlab-runner gitlab/gitlab-runner register


Runtime platform                                    arch=amd64 os=linux pid=8 revision=7a6612da version=13.12.0
Running in system-mode.

Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
F[redacted]9d
Enter a description for the runner:
[227c5ed97cbd]: imac
Enter tags for the runner (comma-separated):
citag
Registering runner... succeeded                     runner=Fzy6YVz6
Enter an executor: kubernetes, custom, docker-ssh, parallels, ssh, docker+machine, docker, shell, virtualbox, docker-ssh+machine:
docker
Enter the default Docker image (for example, ruby:2.6):
alpine:latest
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically reloaded!
```

```
config.toml        [----]  0 L:[  1+ 0   1/ 26] *(0   / 538b) 0099 0x063
concurrent = 1
check_interval = 0

[session_server]
  session_timeout = 1800

[[runners]]
  name = "imac2"
  url = "https://gitlab.com/"
  token = "kUZm3wtsR-rxHCEKbzgY"
  executor = "docker"
  [runners.custom_build_dir]
  [runners.cache]
    [runners.cache.s3]
    [runners.cache.gcs]
    [runners.cache.azure]
  [runners.docker]
    tls_verify = false
    image = "ruby:2.6"
    privileged = false
    disable_entrypoint_overwrite = false
    oom_kill_disable = false
    disable_cache = false
    volumes = ["/cache"]
    shm_size = 0
```

```
docker run -d --name gitlab-runner --restart always \
  -v /srv/gitlab-runner/config:/etc/gitlab-runner \
  -v /var/run/docker.sock:/var/run/docker.sock \
  gitlab/gitlab-runner:latest
```

```
defrag@iMac config2 % docker ps -a
CONTAINER ID   IMAGE                          COMMAND                  CREATED         STATUS         PORTS     NAMES
8337ba50658f   gitlab/gitlab-runner:latest    "/usr/bin/dumb-init …"   2 minutes ago   Up 2 minutes             gitlab-runner2
1d82148b6da8   gitlab/gitlab-runner:latest    "/usr/bin/dumb-init …"   2 days ago      Up 2 days                gitlab-runner
defrag@iMac config2 %
defrag@iMac config2 %
defrag@iMac config2 % docker logs gitlab-runner2


Runtime platform                                    arch=amd64 os=linux pid=9 revision=7a6612da version=13.12.0
Starting multi-runner from /etc/gitlab-runner/config.toml...  builds=0
Running in system-mode.

Configuration loaded                                builds=0
listen_address not defined, metrics & debug endpoints disabled  builds=0
[session_server].listen_address not defined, session endpoints disabled  builds=0
defrag@iMac config2 %
```

gitlab.com/mjochab/programowanie-zespolowe-res...

GitLab Projects Groups More Search or jump to...

Reset registration token

Show Runner installation instructions

Available specific runners

#6866975 (qWyHjCMS) Remove runner

imac

citag

postgres ruby shared

#2072964 (ih9XD9p3)

gitlab-docker-shared-runners-manager-03

gitlab-org-docker

#1506020 (Hs8mheX5)

windows-shared-runners-manager-1

shared-windows windows windows-1809

#380987 (ed2dce3a)

shared-runners-manager-6.gitlab.com

docker gce

#2072928 (MCUzKzi5)

gitlab-docker-shared-runners-manager-01

gitlab-org-docker

#157329 (9538b0ab)

gitlab-shared-runners-manager-4.gitlab.com

gitlab-org

#2568000 (z3WU8uu-)

shared-runners-manager-7

docker gce

Analogicznie jak pipeline w Jenkinsie

```
pipeline {
    agent any
    stages {
        stage('inicjalizacja') {
            agent any
            steps {
                git 'https://github.com/mjochab/testowanko.git'
            }
        }
        stage('Build') {
            parallel {
                stage('default Java') {
                    agent any
                    steps {
                        sh 'javac -version'
                        sh 'ant -f Tescik/build.xml'
                    }
                }
                stage('Java7') {
                    agent {
                        docker {
                            image "mjochab/jdk-ant-junit:7"
                            alwaysPull true
                        }
                    }
                    steps {
```

```
stage('Java7') {
    agent {
        docker {
            image "mjochab/jdk-ant-junit:7"
            alwaysPull true
        }
    }
    steps {
        sh 'javac -version'
        sh 'ant -f Tescik/build.xml clean'
        sh 'ant -f Tescik/build.xml'
    }
}
stage('Java8') {
agent {
        docker {
            image "mjochab/jdk-ant-junit:8"
            alwaysPull true
        }
}
steps {
    sh 'javac -version'
    sh 'ant -f Tescik/build.xml clean'
    sh 'ant -f Tescik/build.xml'
}
```

```
stage('Java8') {
 agent {
        docker {
            image "mjochab/jdk-ant-junit:8"
            alwaysPull true
        }
 }
 steps {
     sh 'javac -version'
     sh 'ant -f Tescik/build.xml clean'
     sh 'ant -f Tescik/build.xml'
                }
            }
        }
    }
 }
 post {
    always {
        deleteDir()
    }
 }
}
```

Marcin O › maven-fx › Repository

master | maven-fx / | +

This directory
New file

Update .gitlab-ci.yml
Marcin O authored 1 minute a

Name
.idea
docker
src

https://pastebin.com/YMDzjyy1

New file

master / .gitlab-ci.yml | .gitlab-ci.yml | Apply a template

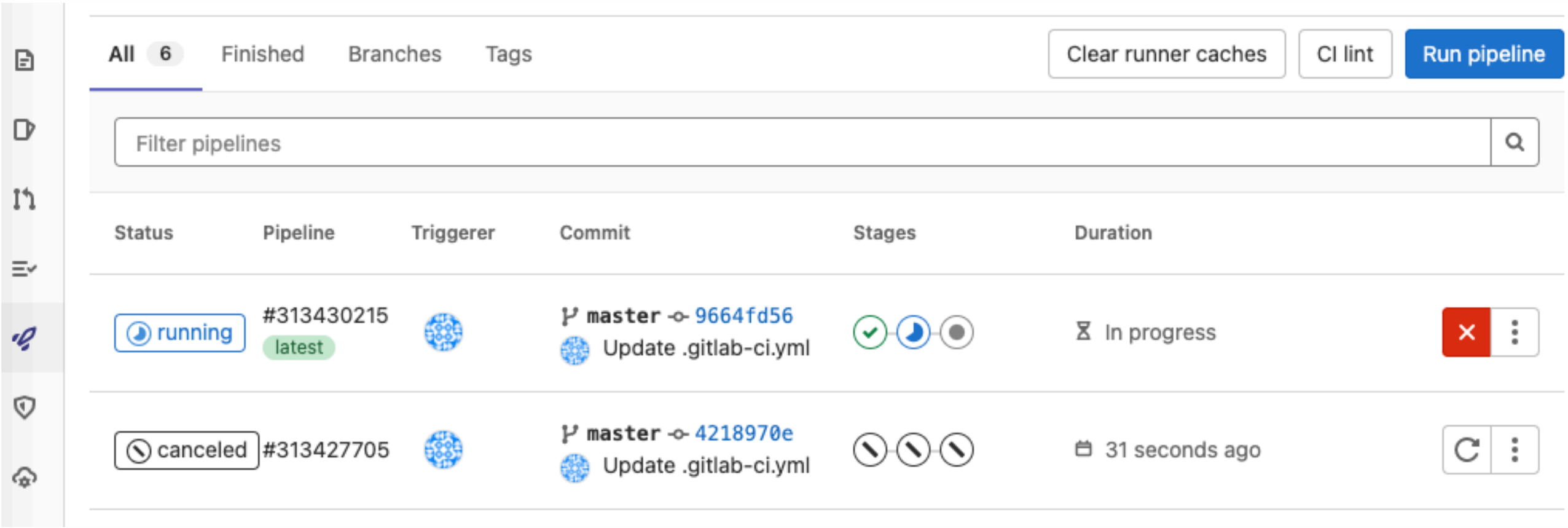
```yaml
default:
  image: ruby:2.7.2

build-job:
  stage: build
  script:
    - echo "Hello, $GITLAB_USER_LOGIN! $CI_RUNNER_DESCRIPTION    $CI_RUNNER_EXECUTABLE_ARCH $CI_RUNNER_ID    "
    - ls
    - pwd

test-job1:
  stage: test
  script:
    - echo "This job tests something"

test-job2:
  stage: test
  script:
    - echo "This job tests something, but takes more time than test-job1."
    - echo "After the echo commands complete, it runs the sleep command for 20 seconds"
    - echo "which simulates a test that runs 20 seconds longer than test-job1"
    - sleep 20

deploy-prod:
  stage: deploy
  script:
    - echo "This job deploys something from the $CI_COMMIT_BRANCH branch."
```


All 6
Finished
Branches
Tags
Clear runner caches
CI lint
Run pipeline
Filter pipelines
Status
Pipeline
Triggerer
Commit
Stages
Duration
running
#313430215
latest
master 9664fd56
Update .gitlab-ci.yml
In progress
canceled
#313427705
master 4218970e
Update .gitlab-ci.yml
31 seconds ago

```
1  Running with gitlab-runner 13.12.0 (7a6612da)
2    on imac2 kUZm3wts
3  Resolving secrets                                                    00:00
5  Preparing the "docker" executor                                      00:04
6  Using Docker executor with image ruby:2.7.2 ...
7  Pulling docker image ruby:2.7.2 ...
8  Using docker image sha256:e6c92ed2f03be9788b80944e148783bef8e7d0fa8d9755b62e9f03429e85a327 for
   ruby:2.7.2 with digest ruby@sha256:1dd0106849233fcd913b7c4608078fa1a53a5e3ce1af2a55e4d726b0d886
   8e2f ...
10 Preparing environment                                                00:01
11 Running on runner-kuzm3wts-project-27069208-concurrent-0 via 8337ba50658f...
13 Getting source from Git repository                                   00:02
14 Fetching changes with git depth set to 50...
15 Reinitialized existing Git repository in /builds/mjochab/maven-fx/.git/
16 Checking out 483bfe78 as master...
17 Skipping Git submodules setup
19 Executing "step_script" stage of the job script                      00:01
20 Using docker image sha256:e6c92ed2f03be9788b80944e148783bef8e7d0fa8d9755b62e9f03429e85a327 for
   ruby:2.7.2 with digest ruby@sha256:1dd0106849233fcd913b7c4608078fa1a53a5e3ce1af2a55e4d726b0d886
   8e2f ...
21 $ echo "Hello, $GITLAB_USER_LOGIN! $CI_RUNNER_DESCRIPTION      $CI_RUNNER_EXECUTABLE_ARCH $CI
   _RUNNER_ID      "
22 Hello, mjochab! imac2   linux/amd64 6952964
23 $ ls
24 docker
25 pom.xml
26 src
27 $ pwd
28 /builds/mjochab/maven-fx
30 Cleaning up file based variables                                     00:01
32 Job succeeded
```

Co dalej?

- Testy w dockerze:
  - Jednostkowe
  - Funkcjonalne GUI
  - Pokrycie testami
  - Analiza statyczna kodu