

QUIZ MANAGER

Fundamental Java Project



LAFI KAMEL

**INSTALLATION
GUIDE**



INSTALLATION GUIDE



Please Pull the project repository from the following link:

https://github.com/kamel2018/Quiz_Manager_Fundamental_Java_Project_LAFI_KAMEL_2019.git

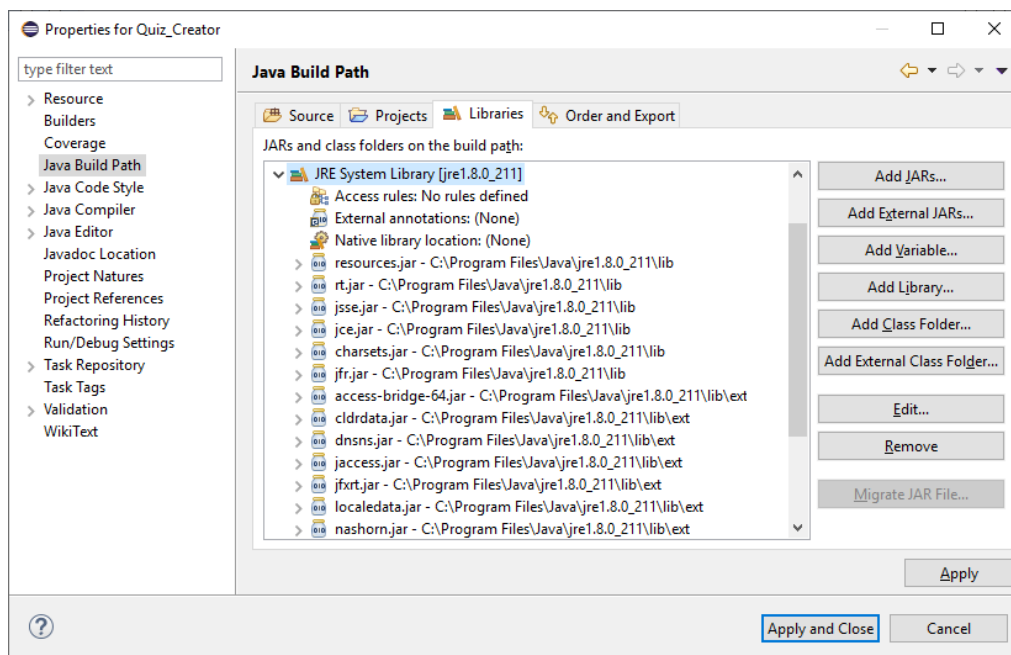


Please download and then install the **Java JDK 8-win x64 (jdk-8u211-windows-x64.exe)** in order to compile and run the application without any issues:

<https://www.oracle.com/technetwork/es/java/javase/downloads/jdk8-downloads-2133151.html>

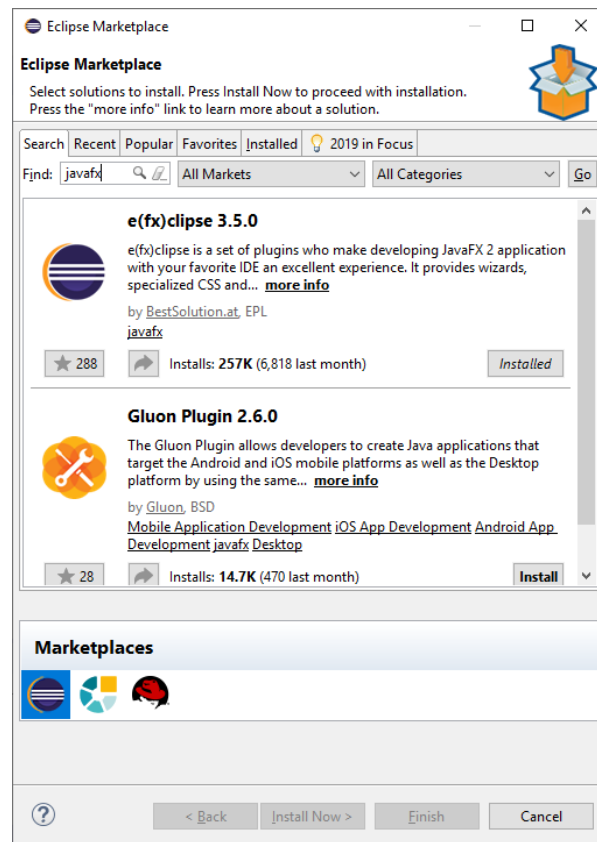
Please make the configuration of the built path in the Eclipse ide:

File -> Properties -> Java Built Path

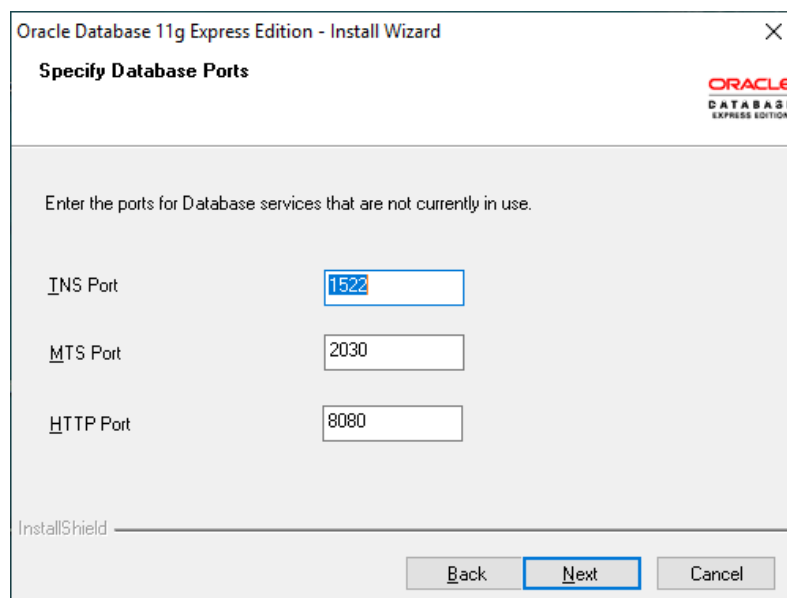


Since I worked with gui , I used the JavaFx , so please do install the JavaFx:

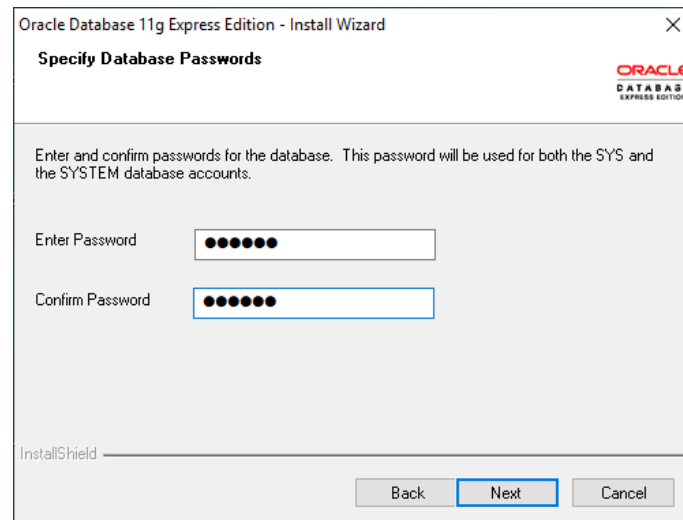
Help -> Eclipse Marketplace



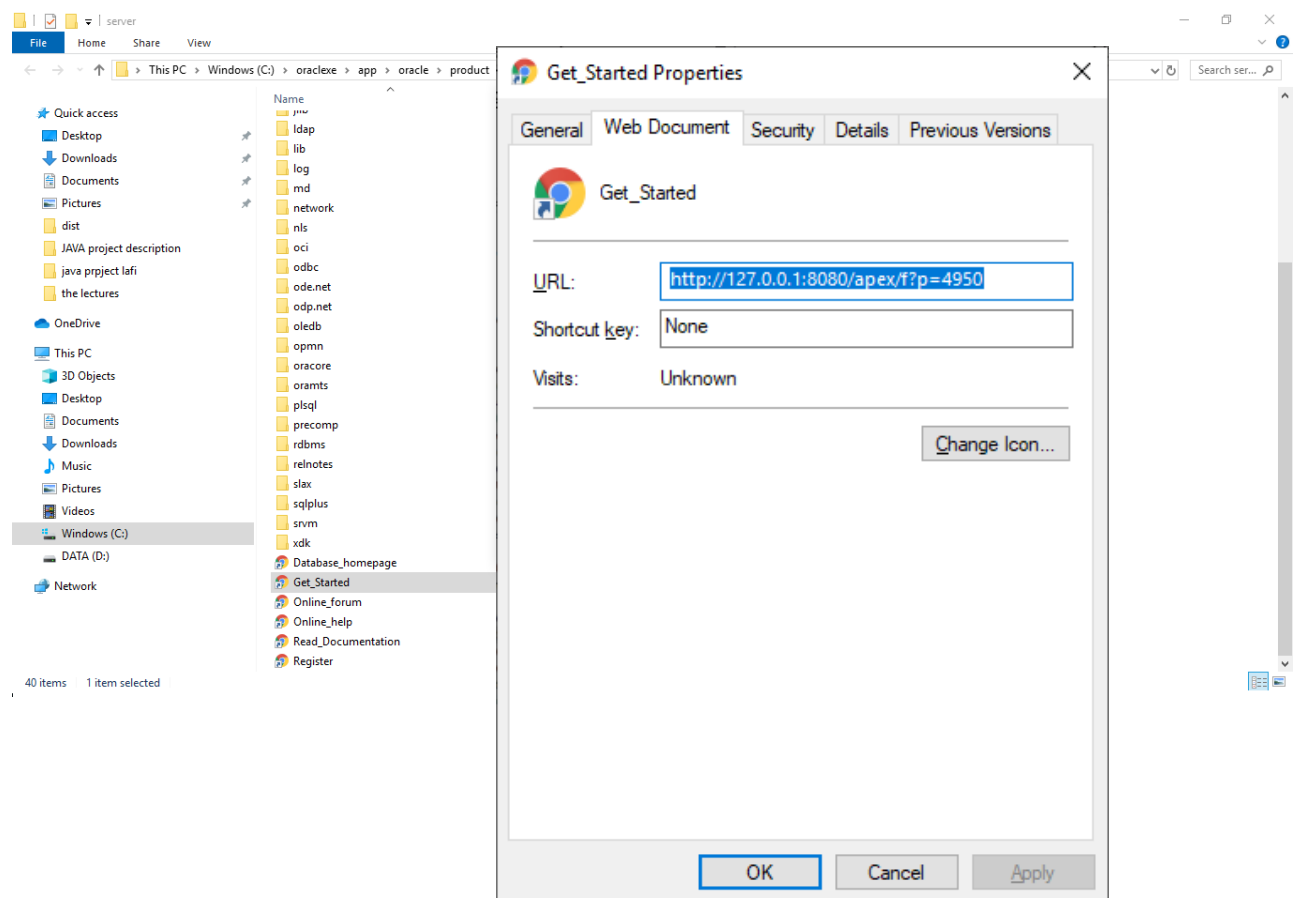
Since I worked with Oracle database, please download and install **Oracle xe 11g** from the following link: https://www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/xe-prior-releases-5172097.html?fbclid=IwAR0C5-Gp3k5VZOK0Z_8XeyGBklePQSBt9IKlsb1qtpetSgOGAg6XFklftwc



Please do remember the password, because you will need it for the configuration



Now please, go to the file location of the oracle XE , and then change the properties (URL) of the file Get_Started this following way:



Home x +

127.0.0.1:8080/apex/f?p=4950:1:1378293469248290

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ORACLE Oracle Database XE 11.2

Home Storage Sessions Parameters Application Express

Storage
View currently used storage.

Sessions
View current database sessions.

Parameters
View initialization parameters.

Application Express
Get started with Oracle Application Express.

Storage >

Sessions >

Parameters >

Application Express >

Links

- > Online Help
- > Learning Library
- > Oracle Technology Network
- > Oracle SQL Developer
- > Oracle Express Edition
- > Oracle Application Express
- > Oracle JDeveloper 11g
- > Pre-built Developer VMs

News

OTN News

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Oracle

Now, please click on Application Express to get started.

And make the login, with the same password you typed when you installed the Oracle XE database, Remember? 😊

Login x +

127.0.0.1:8080/apex/f?p=4950:7:1131480501929265::NO

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Login

Username

Password

Login as a database user which has been granted the DBA database role (for example, SYSTEM).

Now, please fill the Username as well as the Application Express Username and the Password, and then click on red Button **Create Workspace** create Workspace

The screenshot shows the Oracle Database XE 11.2 Application Express interface. The top navigation bar includes 'Home', 'Storage', 'Sessions', 'Parameters', and 'Application Express'. The 'Application Express' tab is selected. Below the navigation bar, the 'Create Application Express Workspace' dialog is open. The dialog has a 'Cancel' button and a red 'Create Workspace' button. A red arrow points to the 'Create Workspace' button. The dialog contains the following fields:

- Database User:** ☒ Create New, ☐ Use Existing
- * Database Username:**
- * Application Express Username:**
- * Password:**
- * Confirm Password:**

The screenshot shows the Oracle Application Express login page. The page title is 'ORACLE Application Express'. The main heading is 'Enter Application Express workspace and credentials.' The login form contains the following fields:

- Workspace:**
- Username:**
- Password:**

Below the password field is a yellow 'Login' button. A link 'Click here to learn how to get started' is located below the 'Login' button. The page also includes a description of Oracle Application Express and a footer with language options and navigation links.

Oracle Application Express is a rapid Web application development tool that lets you share data and create custom applications. Using only a Web browser and limited programming experience, you can develop and deploy powerful applications that are both fast and secure.

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Workspace

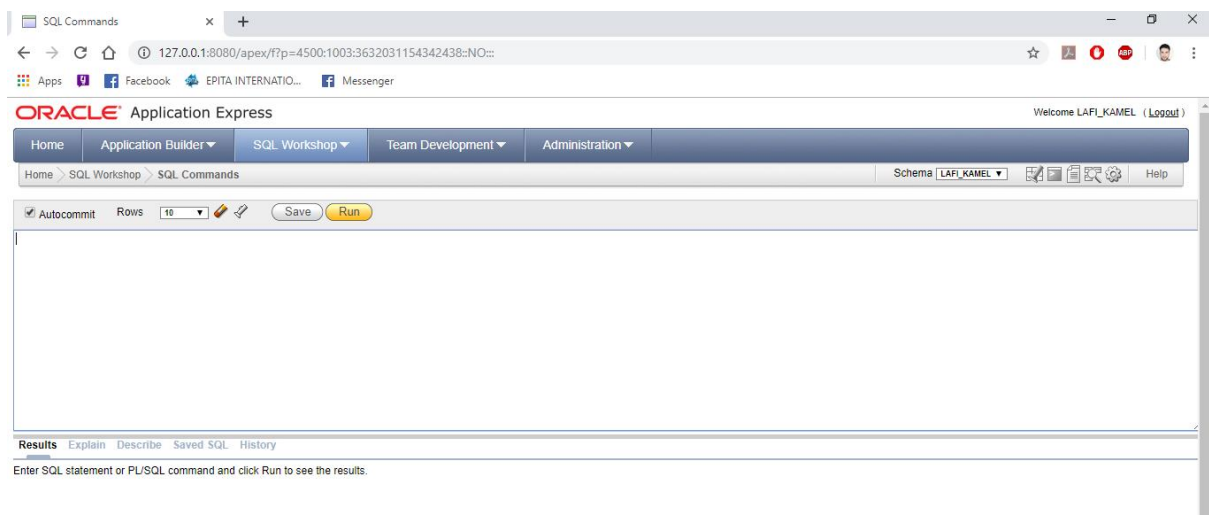
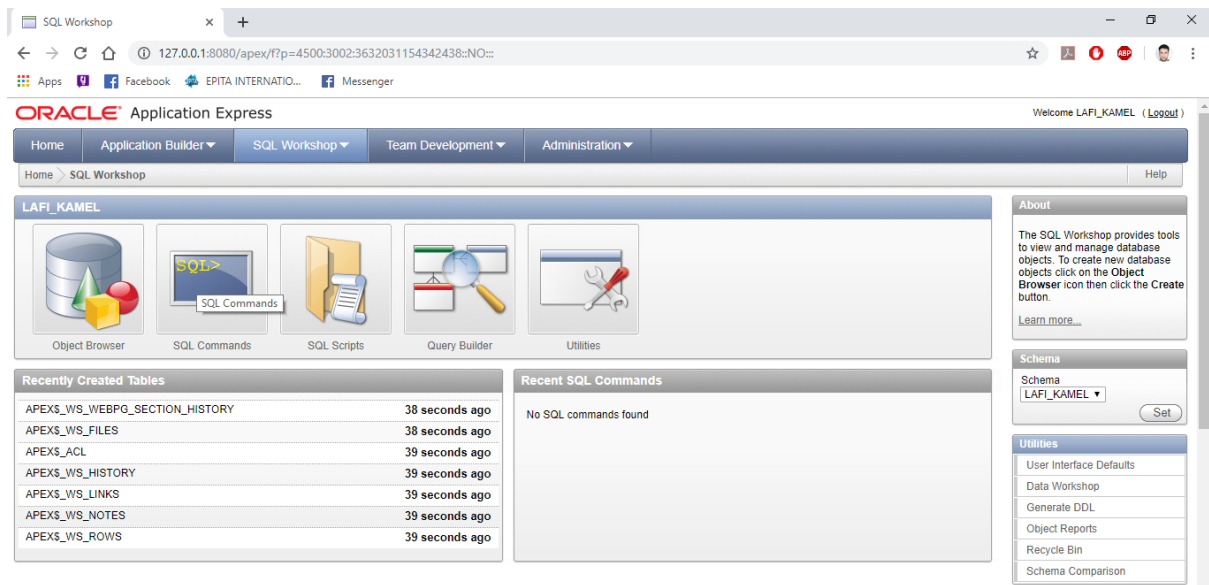
- Reset Password
- Find My Workspace
- Administration

Getting Started

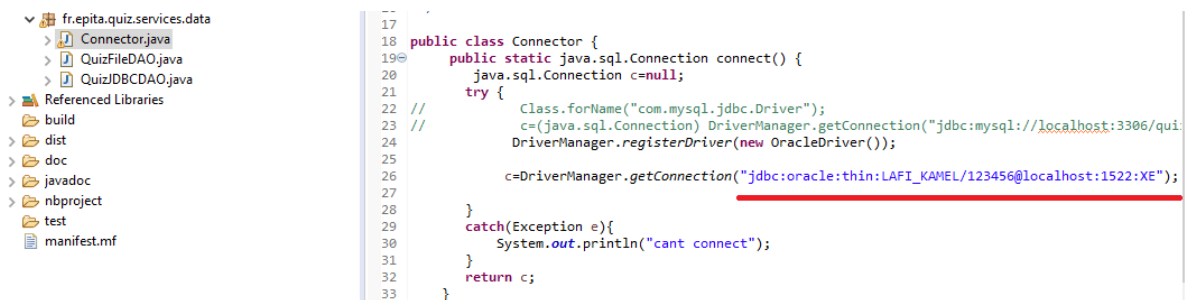
- Learn ...
- Oracle Technology Network
- apex.oracle.com
- Oracle by Example's

Community

- Discussion Forum
- Packaged Applications
- Partners
- BLOGs



Configure Oracle URL, username and password in
/Quiz_Creator/src/fr/epita/quiz/services/data/Connector.java



➤ Go to package `fr.epita.quiz.launcher` and run Launcher class (the `UserInterface`).

Dependencies on jars `-/Quiz_Creator/dist/lib/ itextpdf-5.5.4.jar`,
`-/Quiz_Creator/dist/lib/ojdbc6.jar`, `-/Quiz_Creator/dist/Quiz_Creator.jar`

Table creation - Tables will be created by pasting the following SQL script in the oracle database , in the SQL Workshop , and running and valid URL, username and password must be provided.

CREATE TABLE "QUESTIONS"

```
(
    "DIFF" NUMBER(2,0),
    "CONTENT" VARCHAR2(90),
    "ANS_CORRECT" VARCHAR2(90),
    "TOPIC" VARCHAR2(20),
    "ANS_WRONG1" VARCHAR2(90),
    "ANS_WRONG2" VARCHAR2(90),
    CONSTRAINT "QUESTIONS_PK" PRIMARY KEY ("CONTENT") ENABLE
);
```

The screenshot shows the Oracle Application Express (APEX) SQL Workshop interface. The browser address bar displays the URL `127.0.0.1:8080/apex/f?p=4500:1003:2183447732648624::NO::`. The navigation bar includes links for Home, Application Builder, SQL Workshop (selected), Team Development, and Administration. The breadcrumb trail shows the path: Home > SQL Workshop > SQL Commands. The interface features a toolbar with an Autocommit checkbox (checked), a Rows dropdown set to 10, and Save and Run buttons. The main text area contains the following SQL script:

```
CREATE TABLE "QUESTIONS"
(
    "DIFF" NUMBER(2,0),
    "CONTENT" VARCHAR2(90),
    "ANS_CORRECT" VARCHAR2(90),
    "TOPIC" VARCHAR2(20),
    "ANS_WRONG1" VARCHAR2(90),
    "ANS_WRONG2" VARCHAR2(90),
    CONSTRAINT "QUESTIONS_PK" PRIMARY KEY ("CONTENT") ENABLE
);|
```

At the bottom, there are tabs for Results, Explain, Describe, Saved SQL, and History. The Results tab is currently active.

Table created.

0.13 seconds



GREAT if you reached here! Hope no issues so far, and the Quiz app is running properly for you!



Please, do send me an E-mail in case you require any further support!

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**MERCI DE
VOTRE
ATTENTION**

