

# User Guide

## Quiz Manager

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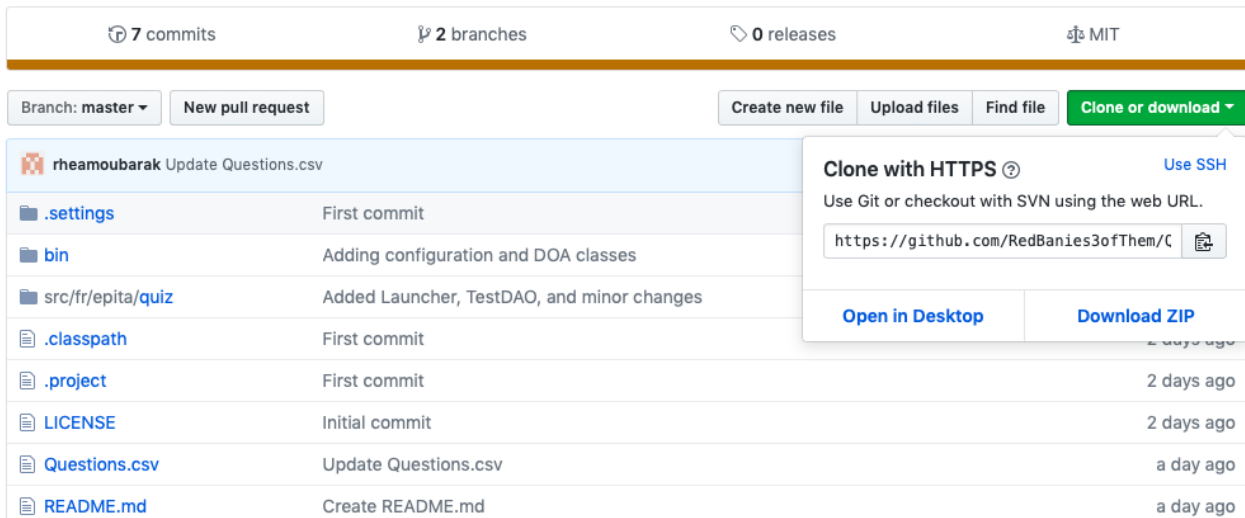
February 20, 2019

# 1. Configuration instructions

To facilitate the development and setup of this application, the Git version control system was used, and the source code was subsequently uploaded. Below, you can find a detailed step by step guide to setting up and configuring the application.

- **Step 1-** Clone/Download the repository

URL: <https://github.com/RedBanies3ofThem/QuizManager.git>



7 commits 2 branches 0 releases MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

rheamoubarak Update Questions.csv

.settings	First commit	
bin	Adding configuration and DOA classes	
src/fr/epita/quiz	Added Launcher, TestDAO, and minor changes	
.classpath	First commit	
.project	First commit	2 days ago
LICENSE	Initial commit	2 days ago
Questions.csv	Update Questions.csv	a day ago
README.md	Create README.md	a day ago

Clone with HTTPS Use SSH

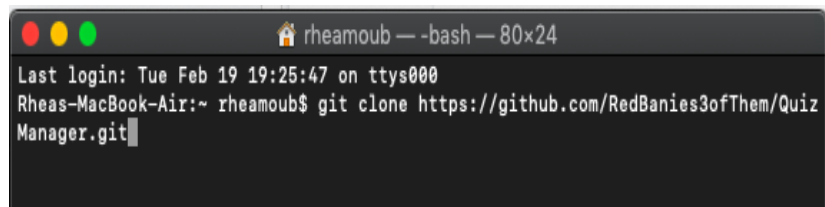
Use Git or checkout with SVN using the web URL.

<https://github.com/RedBanies3ofThem/QuizManager.git>

Open in Desktop Download ZIP

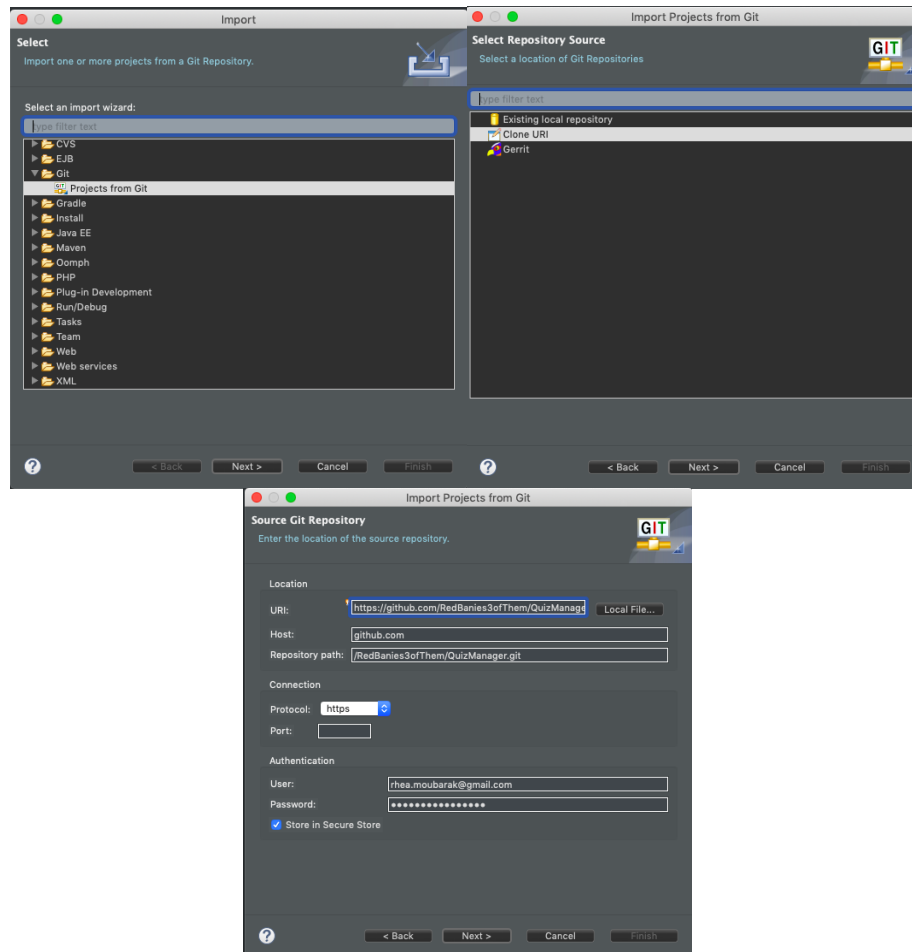
If you have Git installed in your command line, you can run:

**git clone** <https://github.com/RedBanies3ofThem/QuizManager.git>



```
rheamoub — -bash — 80x24
Last login: Tue Feb 19 19:25:47 on ttys000
Rheas-MacBook-Air:~ rheamoub$ git clone https://github.com/RedBanies3ofThem/QuizManager.git
```

- **Step 2-** Open Eclipse IDE and import project from Git (use your Git username and password)



Continue by clicking on next and then finish.

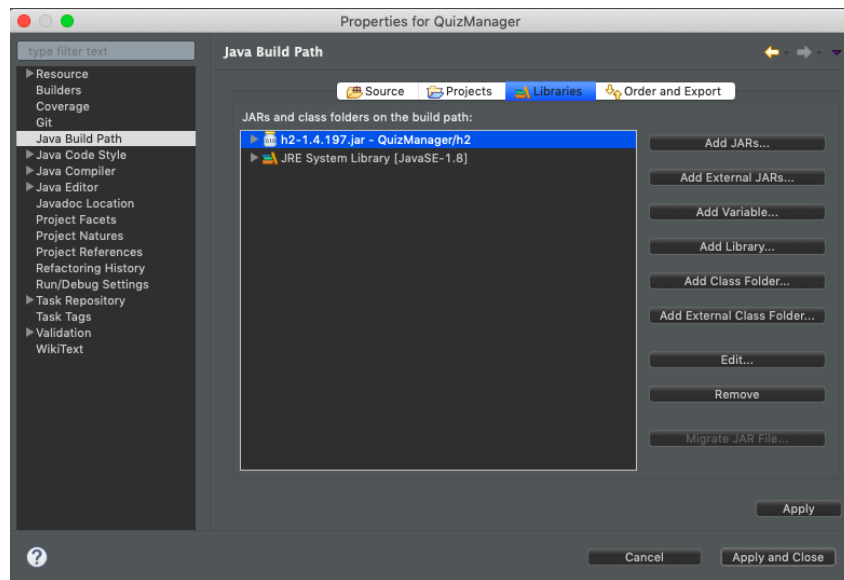
- **Step 3-** Update configuration properties

This application uses configuration variables that can be set in the `conf.properties` file. There you can edit variables such as `db.url`, `db.user`, and `db.pwd` to specify the link to a database for the application, your username and the password for your database.

```
*conf.properties x
1 jdbc.user=sa
2 jdbc.password=
3 jdbc.url=jdbc:h2:tcp://localhost/./db/project
4 export.filename=quiz.txt
```

- **Step 4-** Set up your database

To run this application, you'll need to have H2 service up and running.



The scripts below are for creating the H2 tables, if needed.

create table MCQ(

```
    id bigint auto_increment,  
    QUESTION varchar(255),  
    DIFFICULTY INT,  
    TOPICS ARRAY,  
    OP_1 varchar(255),  
    OP_2 varchar(255),  
    OP_3 varchar(255),  
    OP_4 varchar(255),  
    ANSWER INT
```

);

create table OQ(

```
    id bigint auto_increment,  
    QUESTION varchar(255),  
    DIFFICULTY INT,  
    TOPICS ARRAY,  
    ANSWER varchar(255)
```

);

**Login**

Saved Settings: Generic H2 (Embedded) [v]

Setting Name: Generic H2 (Embedded) [Save] [Remove]

Driver Class: org.h2.Driver

JDBC URL: jdbc:h2:./db/project

User Name: sa

Password: [ ]

[Connect] [Test Connection]

Run Run Selected Auto complete Clear SQL statement:

```
create table MCQ(
  id bigint auto_increment,
  QUESTION varchar(255),
  DIFFICULTY INT,
  TOPICS ARRAY,
  OP_1 varchar(255),
  OP_2 varchar(255),
  OP_3 varchar(255),
  OP_4 varchar(255),
  ANSWER INT
);

create table OQ(
  id bigint auto_increment,
  QUESTION varchar(255),
  DIFFICULTY INT,
  TOPICS ARRAY,
  ANSWER varchar(255)
);
```

- **Step 5-** Launch the application

There is one launcher for this application and it can be found under `fr.epita.quiz.launcher`:

Right click on `Launcher.java` > Run as > Java Application.

Or to run the GUI, double click on `QuizManagerApplication.Jar`

## 2. Console operations description

Right click on `Launcher.java` > Run as > Java Application

Quiz Wizard

Enter Student Name [Start New Test]

Enter Student ID [Clear]

Enter topics (comma delimited) [Use Open Ended Questi...]

Enter the number of questions

Enter name, id, topic(s) (separated by commas), and number of questions to start a quiz  
> enable/disable open questions> Click on Start New Test.

A screenshot of a 'Quiz Wizard' window. It features four text input fields: the first contains 'Thibault Livio', the second '116776', the third 'France', and the fourth '2'. To the right of these fields are two buttons: 'Start New Test' and 'Clear'. Below the 'Clear' button is a radio button that is currently selected, labeled 'Use Open Ended Questi...'. The window has a standard macOS-style title bar with red, yellow, and green window control buttons.

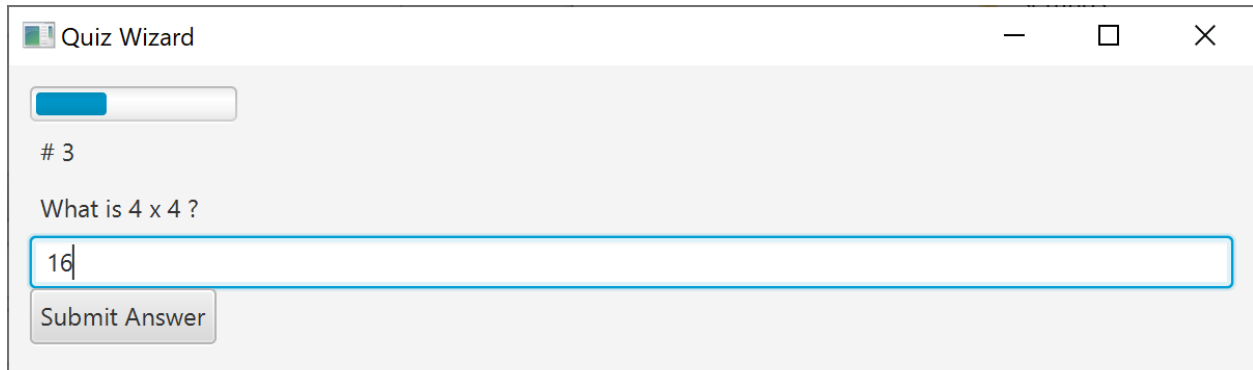
Or click on Start New Test in order to take default credentials.

A screenshot of a 'Quiz Wizard' window, similar to the one above but with different values. The text input fields contain 'Bob Smith', '12345', 'EPITA', and '5'. The 'Start New Test' button is highlighted with a blue border. The 'Clear' button is to its right. Below the 'Clear' button is an unselected radio button labeled 'Use Open Ended Questi...'. The window has a standard macOS-style title bar.

In case of MCQ question, choose the correct answer(s) > click on Submit Answer.

A screenshot of a 'Quiz Wizard' window displaying a multiple-choice question. At the top, there is a progress bar and a label '# 2'. The question text is 'What is 9 x 9 ?'. Below the question are four radio button options: '81.0' (which is selected), '90.0', '99.0', and '108.0'. At the bottom left of the window is a 'Submit Answer' button. The window has a standard Windows-style title bar with minimize, maximize, and close buttons.

In case of Open question, write your answer in the text field > click on Submit Answer.



Quiz Wizard

# 3

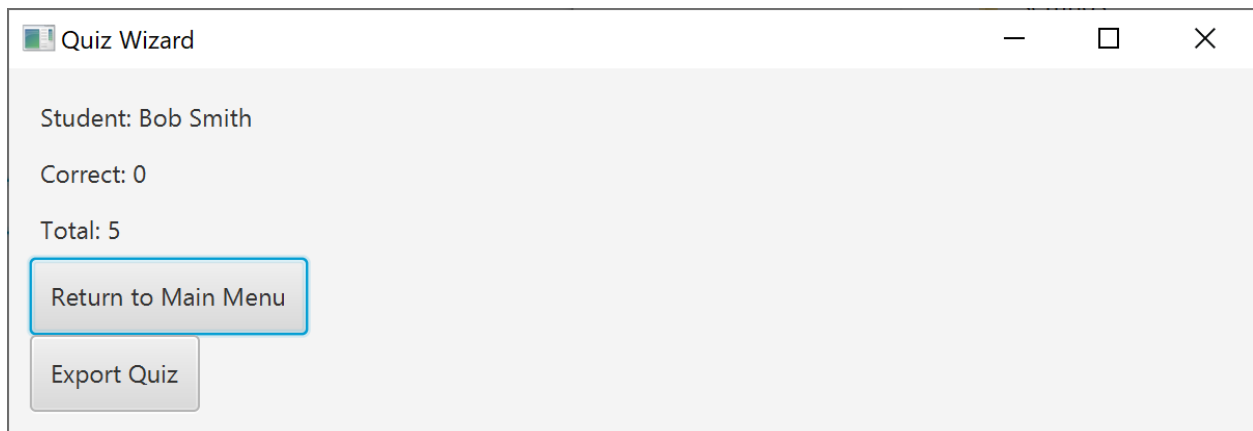
What is 4 x 4 ?

16

Submit Answer

In case of Associate question, choose the correct answer > click on Submit answer.  
**Not in scope for GUI.**

Results are displayed at the end of the quiz, only MCQ and Associate questions can be corrected, open questions can't be corrected.



Quiz Wizard

Student: Bob Smith

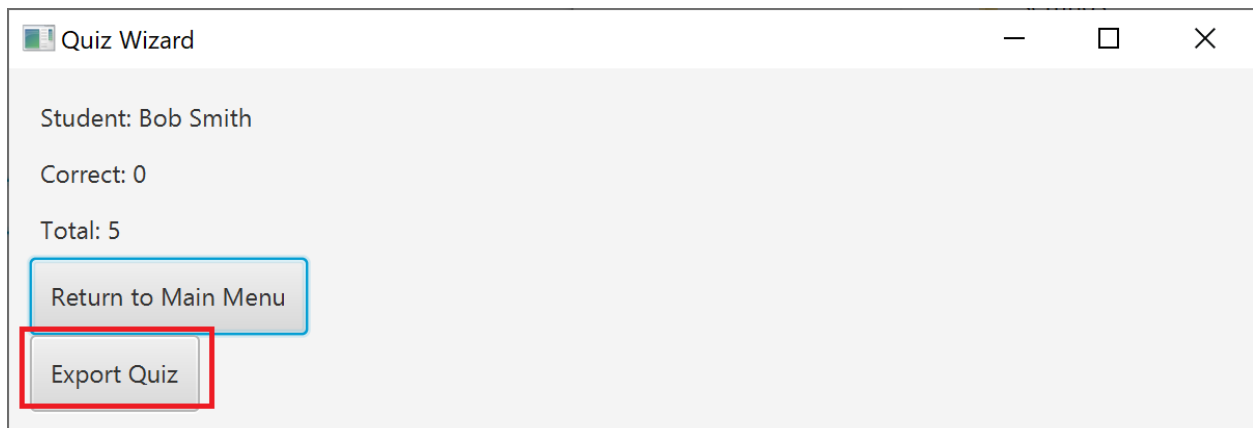
Correct: 0

Total: 5

Return to Main Menu

Export Quiz

You can export the quiz as plain text by clicking on Export Quiz.



Quiz Wizard

Student: Bob Smith

Correct: 0

Total: 5

Return to Main Menu

Export Quiz

