

# TimeWaves - Resources

Group Yellow

## UI Inspiration

Similar apps.

<https://www.tiki-toki.com>

## Resurser

Denna rubrik är tänkt för olika nyttiga resurser att läsa på eller dylikt.

### Webbsidor

<https://www.scrumguides.org/>

<https://www.visual-paradigm.com/scrum/>

<https://www.scrumwithstyle.com/resources/scrummaster-resources/>

<https://about.gitlab.com/blog/2018/03/05/gitlab-for-agile-software-development/>

### Videos

**Spellista med videos om Scene Builder:**

<https://www.youtube.com/playlist?list=PLoC25wzxSx7VdMxD1rjpw3rZZwAdYeY-x>

**Spellista om att göra custom menus:**

[https://www.youtube.com/playlist?list=PL4h6ypqTi3RQWPZfR6t73rxZK\\_TFkyURe](https://www.youtube.com/playlist?list=PL4h6ypqTi3RQWPZfR6t73rxZK_TFkyURe)

**Spellista om att göra clean, avancerade UIs (ingen guide, men inspiration ang. Scene Builder)**

<https://www.youtube.com/playlist?list=PLIGZc17KPrVAKj3TI1im5HN8Lh5nYTXyB>

**Transparent Windows:**

[https://youtu.be/PyqL1bL30G8?list=PL4h6ypqTi3RQWPZfR6t73rxZK\\_TFkyURe](https://youtu.be/PyqL1bL30G8?list=PL4h6ypqTi3RQWPZfR6t73rxZK_TFkyURe)

(kortfattad text som komplement till ovan)

<https://medium.com/@keeptoo/making-a-borderless-javafx-window-movable-f7855eb33a51>

# Gitlab guide

(To be included in our repo as a MD file).

## Workflow

One suggestion:



When starting work on a new feature, branch off from the develop branch:

```
$ git checkout -b myfeature develop
Switched to a new branch "myfeature"
```

Finished features may be merged into the develop branch to add them to the upcoming release:

```
$ git checkout develop
Switched to branch 'develop'
$ git merge --no-ff myfeature
Updating ea1b82a..05e9557
(Summary of changes)
$ git branch -d myfeature
Deleted branch myfeature (was 05e9557).
$ git push origin develop
```

## Issue Boards

Each board represents a unique view for your issues.

- **Current Sprint:** a classic scrum task board (including categories such as to-do, in progress, testing, done). Used during daily standups to see the status of the sprint from a workflow perspective.
- **Sprint Planning:** view of the tasks organized by sprint.
- **Priority Board:** view of the tasks sorted by levels of priority (low, medium, high).
- **Team Board:** view of tasks assigned to each team member for a quick view of who is working on what.

New boards for different labels or task groups can be created if needed. Feel free to suggest any ideas or changes. For example, we could create Frontend / Backend Team Boards, so that the different teams can quickly see what tasks they are responsible for.

The “open” category on the boards represent the product backlog with its corresponding user stories.

More info on [configuring issue boards](#).

## Milestones

Milestones can be used as Agile sprints so that you can track all issues (tasks) and merge requests related to a particular sprint. To create a project milestone, navigate to Issues > Milestones in the project.

When creating a new issue you should assign it to a specific milestone (eg. Sprint 2 - Week 16)

## Useful commands for Git

<https://docs.gitlab.com/ee/gitlab-basics/start-using-git.html>

## Arbetsuppgifter Gitlab gruppen

- Läs mer om “master -> develop -> feature”
- Hitta någon lösning på gitlab task delen (alt. fundera på något hjälpsamt trello system).
- Hitta bra struktur för Boards
- Kolla hur merge funkar i praktiken
- Fnula lite på praktiskt upplägg, dvs. ska x personer jobba på en viss feature -> jobbar de på samma branch och kommunicerar kring när den är "klar" för att mergas med

develop? (och sen tar diskussion med den som är ansvarig för merge) eller drar alla en egen branch för en feature från develop som man pillar med?

- Skapa/uppdatera dokumentation med riktlinjerna vi har bestämt så att andra kan följa

## Maven

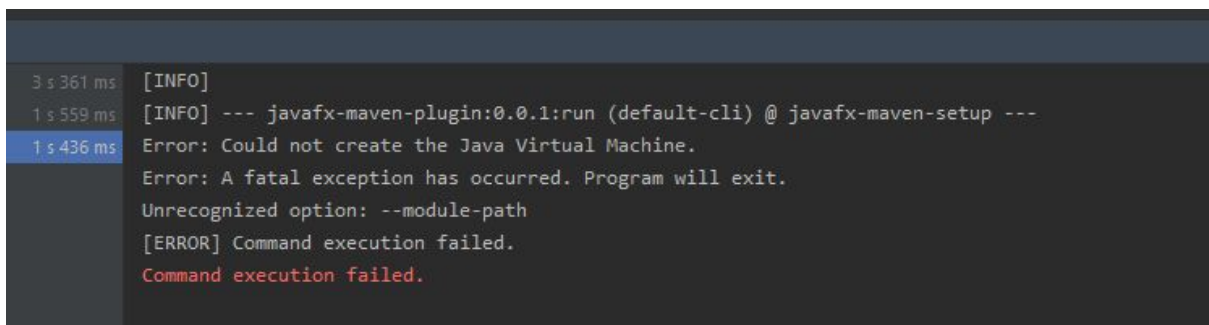
### Första uppstart av maven-projekt.

När projektet öppnas frågar IntelliJ hur inställningarna ska plockas in. Välj "auto import" för smidigast/snabbast uppstart.

Vid första körning kan en "Run configuration" behövas att läggas till. Detta görs enligt följande:

1. Öppna Maven-fliken längst upp till höger
  - a. Klicka vidare till Plugins - > clean och kör "clean:clean".
  - b. Klicka vidare till Plugins -> compiler och kör "compiler:compile"
2. Gå till Run -> Edit Configurations.
  - a. Lägg till en ny "maven" konfiguration med pluset uppe till vänster.
  - b. Under "Before launch" lägg till ett "Run maven goal"
  - c. I rutan "Command line", skriv in "javafx:compile". Bör dyka upp som förslag.
  - d. Klicka OK.
  - e. Under fliken "Parameters" i rutan "Command line" skriv in "javafx:run", även detta bör dyka upp som förslag.

### Maven - Command execution failed (Win 10)



```
3 s 361 ms [INFO]
1 s 559 ms [INFO] --- javafx-maven-plugin:0.0.1:run (default-cli) @ javafx-maven-setup ---
1 s 436 ms Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
Unrecognized option: --module-path
[ERROR] Command execution failed.
Command execution failed.
```

Start > Redigera systemets miljövariabler > Miljövariabler...

*I listan Systemvariabler:*

Kontrollera att JAVA\_HOME finns och pekar på mappen jdk-13.0.1 (eller vilken version man nu har).

Dubbelklicka på Path.

Markera C:\ProgramData\Oracle\Java\javapath och Ta bort.

Klicka på Ny, skriv %JAVA\_HOME%\bin

Klicka på Flytta upp så att den ligger överst i listan.

Klicka på OK.

Starta om IntelliJ.

Video:

[https://www.youtube.com/watch?v=UdldXF\\_jJ0Q](https://www.youtube.com/watch?v=UdldXF_jJ0Q)

## MySQL

### ## Setup local MySQL instance

Download:

<https://dev.mysql.com/downloads/mysql/8.0.html>

Other Downloads:			
Windows (x86, 64-bit), ZIP Archive (mysql-8.0.19-winx64.zip)	8.0.19	187.8M	<a href="#">Download</a>
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.19-winx64-debug-test.zip)	8.0.19	406.7M	<a href="#">Download</a>

! We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

Installer - all default options, choose root password.

(OBS: Undvik special-tecken i root-lösen för att vara på den säkra sidan (!"#% etc).)

### ### Communicate with db

#### #### MySQL 8.0 Command-Line Client

\* Log in with root

\* Send queries directly to db with terminal commands

(Bra tutorial för SQL-syntax)

<https://www.w3schools.com/sql/default.asp>

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 105
Server version: 8.0.19 MySQL Community Server - GPL

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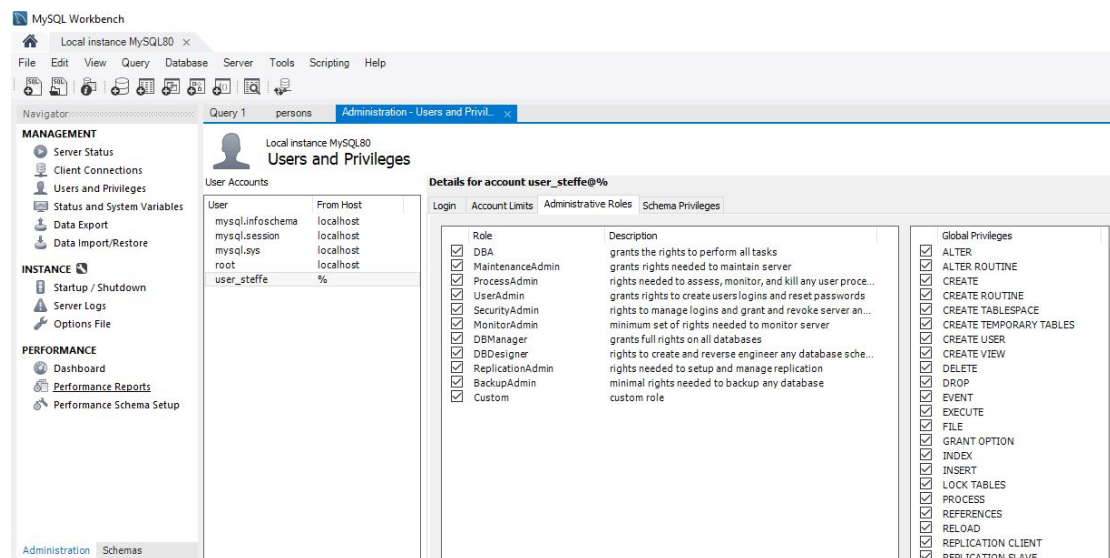
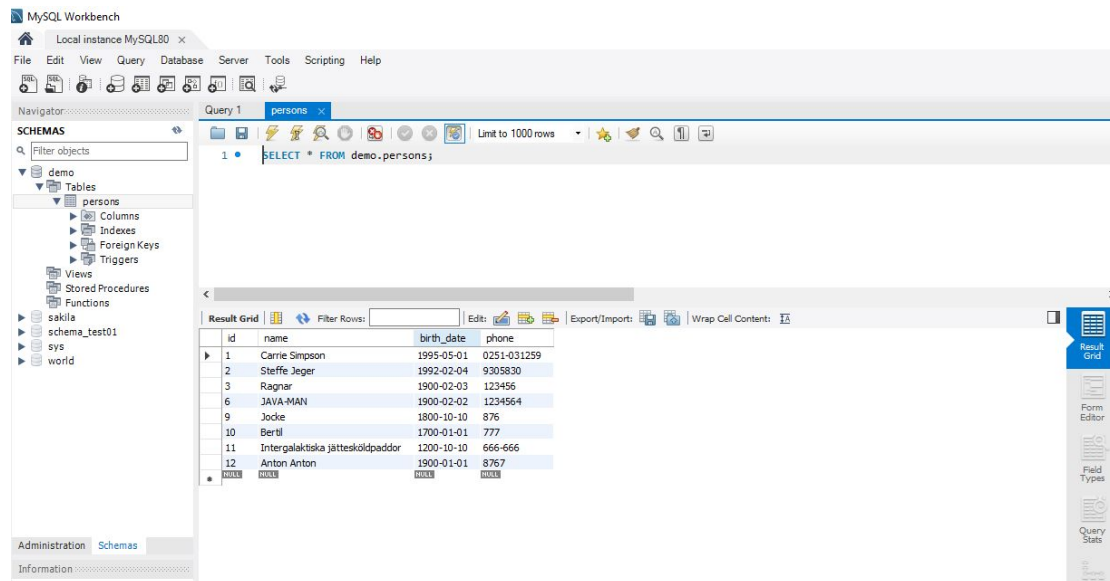
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| demo     |
| information_schema |
| mysql    |
| performance_schema |
| sakila   |
| schema_test01 |
| sys      |
| world    |
+-----+
8 rows in set (0.05 sec)

mysql>
```

#### #### MySQL 8.0 WorkBench

- \* Choose or create connections to database(s).
- \* Create and manage users.
- \* Create/Edit SCHEMAS.



#### #### IntelliJ (maven project)

in pom.xml:

```
<dependencies>
  <dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>8.0.19</version>
  </dependency>
</dependencies>
```

in YourClass.java:

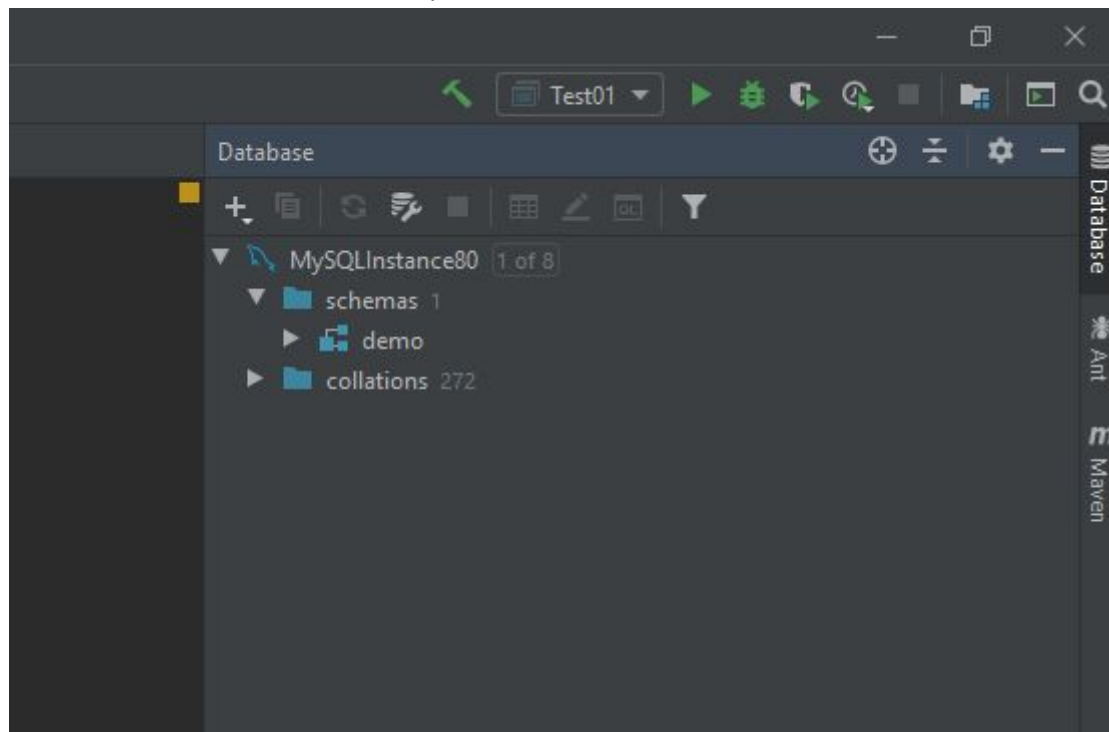
```
import java.sql.*;
```

Query example:

```
3 import java.sql.*;
4
5 public class Test02 {
6     public static void main(String[] args) {
7
8         System.out.println("Starter!");
9
10        try {
11            // Create connection
12            Connection conn = DriverManager.getConnection( url: "jdbc:mysql://localhost/demo?useSSL=false&useTimezone=true&serverTimezone=UTC"
13                                                         , user: "user_steffe", password: "steffe");
14
15            // Create statement
16            Statement statement = conn.createStatement();
17            // Send query to db
18            ResultSet result = statement.executeQuery( sql: "SELECT * FROM persons");
19            // Print result
20            while (result.next()) {
21                System.out.println(result.getString( columnIndex: 1) + ", " + result.getString( columnIndex: 2)+ ", " + result.getString( columnIndex: 3));
22            }
23
24            conn.close();
25        } catch (SQLException e) {
26            System.out.println("Something went wrong");
27            System.out.println(e.getMessage());
28        }
29    }
30 }
31
```

#### #### LINKING INTELLIJ TO DATABASE (Requires Ultimate)

Database-> new-> Data Source-> MySQL



If you get a "Time-zone" Exception while running you can either

\* Add useTimezone=true&serverTimezone=UTC to the URL in getConnection method:

```
Connection conn = DriverManager.getConnection( url: "jdbc:mysql://localhost/demo?useSSL=false&useTimezone=true&serverTimezone=UTC"
                                              , user: "user_steffe", password: "steffe");
```

or

\* In you IntelliJ Database, goto (Properties-> Advanced) and set -serverTimezone- to "UTC". (Bild)



