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# The client2 user execution script for Project Three - CNT 4714 - Spring 2024
# all commands assumed to be executed by the client2 user
# the client2 user has only selection and update privileges on the project3 and bikdeb database
schemas.
# Note which DB is used for each command.
#
#Command 1 - project3:
# Query: Which rider won the World Cyclocross Championship - Elite Women in 2020?
select ridername
from racewinners
where racename = 'World Cyclocross Championships - Elite Women' and raceyear = 2020;
```

User Properties: client2.properties
DB Properties: project3.properties
Username: client2
Password:

Disconnect

Connect to Database

Clear SQL Command

Execute SQL Command

Connected to jdbc:mysql://localhost:3306/project3?useTimeZone=true&serverTimeZone=UTC

SQL Execution Result Window

ridername
Ceylin del Carmen Alvarado

Clear Result Window

#Commands 2A, 2B, and 2C - All project3:

Delete all the riders from Italy from the riders table.

* * * Do a "before" and "after" select * from riders for this command.

Note: the before and after select statements will execute, but the delete will not

thus no changes will be reflected in the before and after snapshots.

select * from riders;

delete from riders where nationality ='Italy';

select * from riders;

The screenshot shows a SQL client window with the following components:

- User Properties:** client2.properties
- DB Properties:** project3.properties
- Username:** client2
- Password:** *****
- Buttons:** Disconnect (red), Clear SQL Command (white), Execute SQL Command (green), Connect to Database (blue).
- Status Bar:** Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC
- SQL Execution Result Window:** A table with 6 columns: ridername, teamname, nationality, num_pro_wins, and gender. It displays 15 rows of data.
- Clear Result Window:** A yellow button.

ridername	teamname	nationality	num_pro_wins	gender
Davide van der Poel	Jumbo-Visma	Alpecin	0	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Balsamo	Trek-Segafredo	Italy	20	F
Elisa Borghini	Schenger	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M
Filippo Ganna	Ineos	Italy	25	M
Frank Schleck	Leopard-Trek	Luxembourg	28	M
George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Lizzie Armistead	Boels-Dolmans	Great Britain	89	F
Marianne Vos	WM3	Netherlands	230	F

User Propertiesclient2.properties

DB Propertiesproject3.properties

Usernameclient2

Password*****

Disconnect

Connect to Database

Connected to jdbc:mysql://localhost:3306/

Enter an SQL Command

delete from riders where nationality ='Italy';

Clear SQL Command

Execute SQL Command

Database error

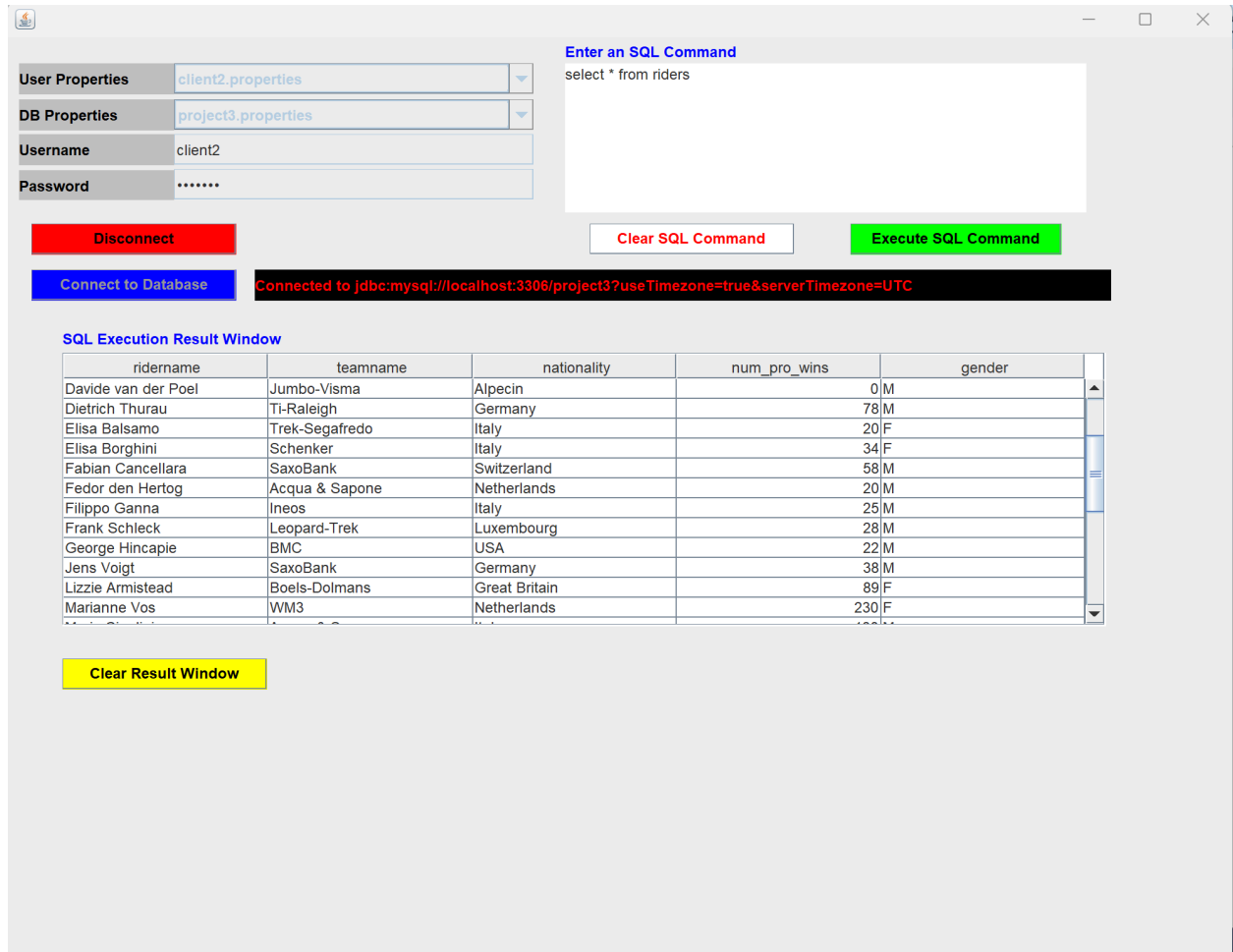
DELETE command denied to user 'client2'@'localhost' for table 'riders'

OK

SQL Execution Result Window

ridername	teamname	
Davide van der Poel	Jumbo-Visma	Alpecin
Dietrich Thurau	Ti-Raleigh	Germany
Elisa Balsamo	Trek-Segafredo	Italy
Elisa Borghini	Schenger	Italy
Fabian Cancellara	SaxoBank	Switzerland
Fedor den Hertog	Acqua & Sapone	Netherlands
Filippo Ganna	Ineos	Italy
Frank Schleck	Leopard-Trek	Luxembourg
George Hincapie	BMC	USA
Jens Voigt	SaxoBank	Germany
Lizzie Armistead	Boels-Dolmans	Great Britain
Marianne Vos	WM3	Netherlands

Clear Result Window



#Commands 3A, 3B, and 3C - All project3:

Update rider Annemeik van Vleuten to show number of wins = 210 in the riders table.

* * Do a "before" and "after" selection on the riders table

Note: all these commands will work for client2.

select * from riders;

update riders set num_pro_wins = 210 where ridername = "Annemeik van Vleuten";

select * from riders;

User Properties

client2.properties

DB Properties

project3.properties

Username

client2

Password

Disconnect

Clear SQL Command

Execute SQL Command

Connect to Database

Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC

Enter an SQL Command

select * from riders

SQL Execution Result Window

ridername	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alessandro Ballan	Lampre	Italy	21	M
Andy Schleck	Leopard-Trek	Luxembourg	35	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Ceylin del Carmen Alvarado	Alpecin-Fenix	Netherlands	89	F
Chris Froome	Sky	Great Britain	23	M
Davide van der Poel	Jumbo-Visma	Alpecin	0	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Balsamo	Trek-Segafredo	Italy	20	F
Elisa Borghini	Schenger	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M

Clear Result Window

User Properties

client2.properties

DB Properties

project3.properties

Username

client2

Password

Disconnect

Clear SQL Command

Execute SQL Command

Connect to Database

Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC

Enter an SQL Command

update riders set num_pro_wins = 210 where ridername = "Annemeik van Vleu

SQL Execution Result Window

Clear Result Window

User Properties

client2.properties

DB Properties

project3.properties

Username

client2

Password

.....

Disconnect

Clear SQL Command

Execute SQL Command

Connect to Database

Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC

Enter an SQL Command

select * from riders

SQL Execution Result Window

ridername	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alessandro Ballan	Lampre	Italy	21	M
Andy Schleck	Leopard-Trek	Luxembourg	35	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Ceylin del Carmen Alvarado	Alpecin-Fenix	Netherlands	89	F
Chris Froome	Sky	Great Britain	23	M
Davide van der Poel	Jumbo-Visma	Alpecin	0	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Balsamo	Trek-Segafredo	Italy	20	F
Elisa Borghini	Schenger	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M

Clear Result Window

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#Command 4 - project3:
# Query: Which rider won the 2021 Tour de France?
select ridername
from racewinners
where racename = "Tour de France" and raceyear = 2021;

```

User Properties

client2.properties

DB Properties

project3.properties

Username

client2

Password

Disconnect

Clear SQL Command

Execute SQL Command

Connect to Database

Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC

Enter an SQL Command

```
select ridername
from racewinners
where racename = "Tour de France" and raceyear = 2021;
```

SQL Execution Result Window

ridername
Tadej Pogacar

Clear Result Window

#Command 5 - project3:
How many riders are there?
select count(ridername) as number_of_riders
from riders;

The screenshot shows a web-based SQL command execution interface. On the left, there are configuration fields: 'User Properties' set to 'client2.properties', 'DB Properties' set to 'project3.properties', 'Username' set to 'client2', and 'Password' masked with dots. Below these are buttons for 'Disconnect', 'Connect to Database', 'Clear SQL Command', and 'Execute SQL Command'. The 'Connect to Database' button is highlighted in blue, and a status bar below it shows a successful connection: 'Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC'. On the right, the 'Enter an SQL Command' text area contains the query: 'select count(ridername) as number_of_riders from riders;'. Below the command area, the 'SQL Execution Result Window' displays the query results in a table with one column 'number_of_riders' and one row containing the value '33'. A 'Clear Result Window' button is located at the bottom left.

number_of_riders
33

#Command 6 - bikedb:
updating command is valid for client2 user
update bikes
set cost = 120000
where bikename = "Look";

The screenshot shows a SQL client application window with the following components:

- User Properties:** client2.properties
- DB Properties:** bikedb.properties
- Username:** client2
- Password:** *****
- Enter an SQL Command:** A text area containing the SQL command:
update bikes
set cost = 120000
where bikename = "Look";
- Buttons:** Disconnect (red), Clear SQL Command (white), Execute SQL Command (green), Connect to Database (blue), and Clear Result Window (yellow).
- SQL Execution Result Window:** A large empty area for displaying query results.
- Status Bar:** A black bar with red text indicating the connection: "Connected to jdbc:mysql://localhost:3306/bikedb?useTimezone=true&serverTimezone=UTC".

Command 7 - project3:

How many races list Ceylin del Carmen Alvarado as the winner?

select count(racename) as Ceylin_listed_as_winner from racewinners where ridername = 'Ceylin del Carmen Alvarado';

The screenshot shows a SQL client window with the following components:

- User Properties:** client2.properties
- DB Properties:** project3.properties
- Username:** client2
- Password:** masked with dots
- Buttons:** Disconnect (red), Clear SQL Command (white), Execute SQL Command (green), Connect to Database (blue).
- Status Bar:** Connected to jdbc:mysql://localhost:3306/project3?useTimezone=true&serverTimezone=UTC
- SQL Execution Result Window:** Displays the result of the query. The column header is "Ceylin_listed_as_winner" and the value is "4".
- Clear Result Window:** A yellow button at the bottom left.

Ceylin_listed_as_winner
4