



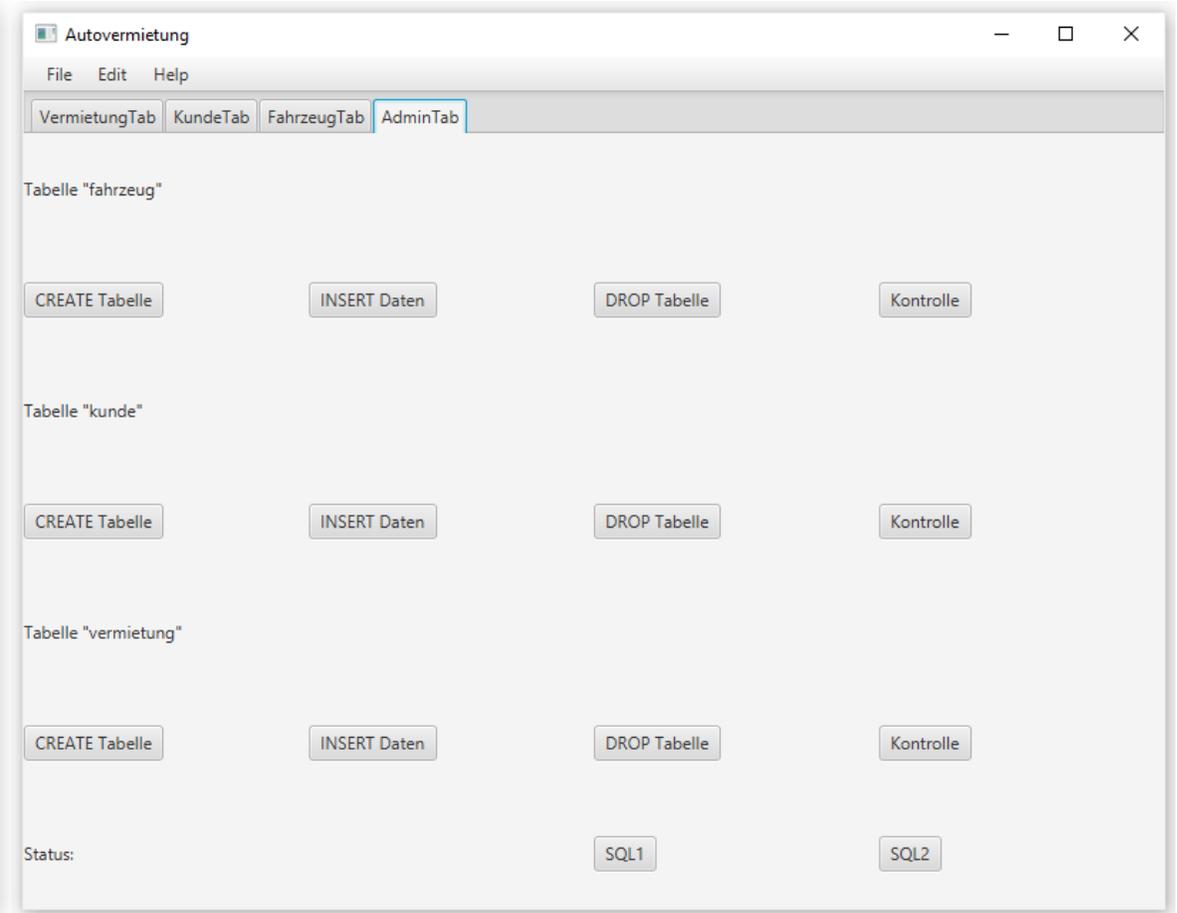
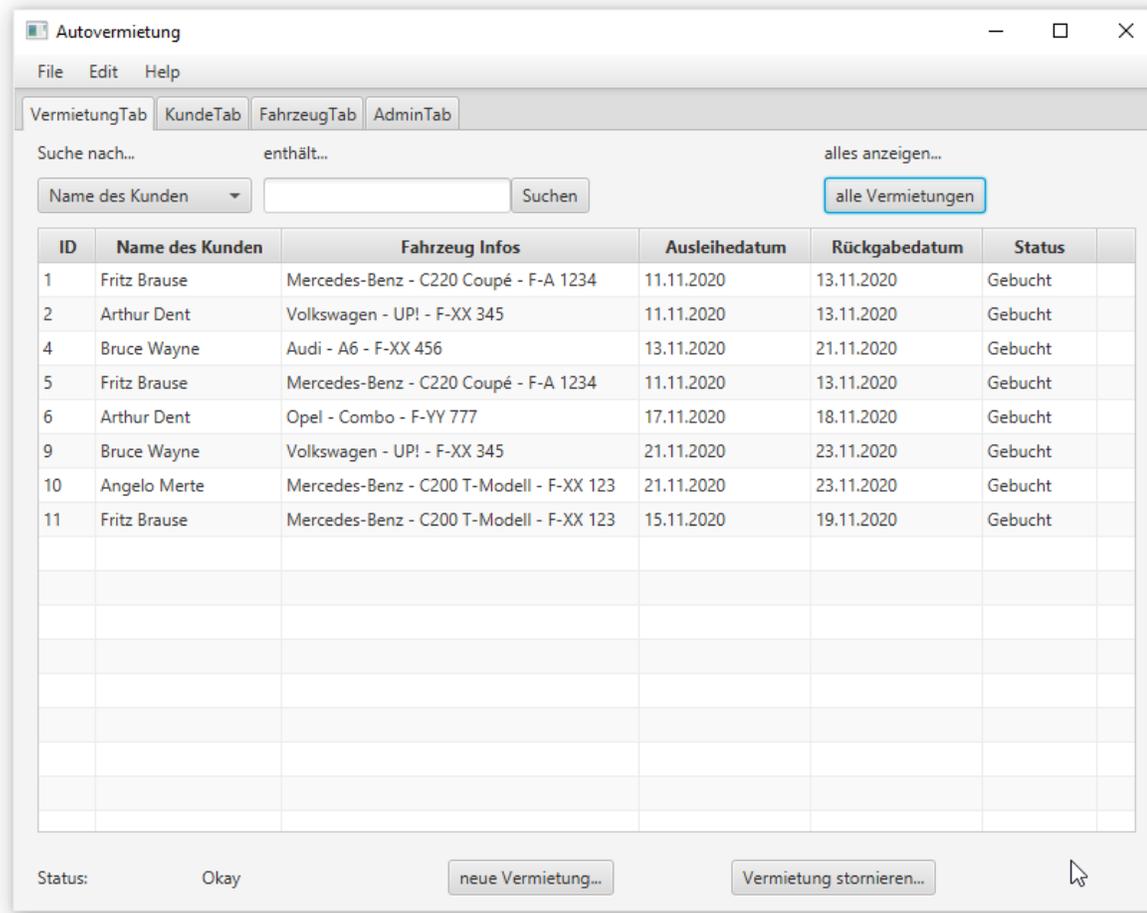
# Projekt Autovermietung

Programmierung eines CRUD-Beispiels für 3 Datenbanktabellen

# Was erwartet Dich?

- Datenbankbehandlung von 3 Tabellen am Beispiel einer Autovermietung
- Schritt-für-Schritt Anleitung zu den Themen Einrichtung und Entwicklung
- Screenshots zu allen relevanten Arbeitsschritten
- Eingesetzte Ressourcen
  - IDE: NetBeans 12.0
  - Runtime: Java 14
  - Gui: SceneBuilder auf Basis JavaFX

# Bilder zum Projekt



Autovermietung - Apache NetBeans IDE 12.0

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Projects Services Files

Databases

- MySQL Server at localhost:3306 [root] (disconnect)
- Java DB
- Drivers
- jdbc:sqlite:D:/workspace/Autovermietung/autovermietung.db

Tables

- fahrzeug
- kunde
- vermietung
  - vm\_kd\_rowid
  - vm\_fz\_rowid
  - vm\_datum\_von
  - vm\_datum\_bis
  - vm\_status
- Indexes
- Foreign Keys

Views

Procedures

Servers

- Maven Repositories
- Cloud
- Hudson Builders
- Docker
- Task Repositories
- JS Test Driver
- Selenium Server

Source History Connection: jdbc:sqlite:D:/workspace/Autovermietung/autovermietung.db [ on Default sch... ]

```

10 select
11     vermietung.rowid
12     , kd_vorname || ' ' || kd_nachname as vm_kd_name
13     , fz_marke || ' - ' || fz_modell || ' - '
14     || fz_kennzeichen as vm_fz_infos
15     , SUBSTR(vm_datum_von,9,2) || '.' || SUBSTR(vm_datum_von,6,2)
16     || '.' || SUBSTR(vm_datum_von,1,4) as vm_datum_von
17     , SUBSTR(vm_datum_bis,9,2) || '.' || SUBSTR(vm_datum_bis,6,2)
18     || '.' || SUBSTR(vm_datum_bis,1,4) as vm_datum_bis
19     , CASE
20         WHEN vm_status = "G" THEN "Gebucht"
21         WHEN vm_status = "R" THEN "Reserviert"
22     END as am_status
23
24 from vermietung
25
26 join kunde
27     on kunde.rowid = vm_kd_rowid
28
29 join fahrzeug
30     on fahrzeug.rowid = vm_fz_rowid
31
32 where vm_status not in ("S")

```

Run Statement

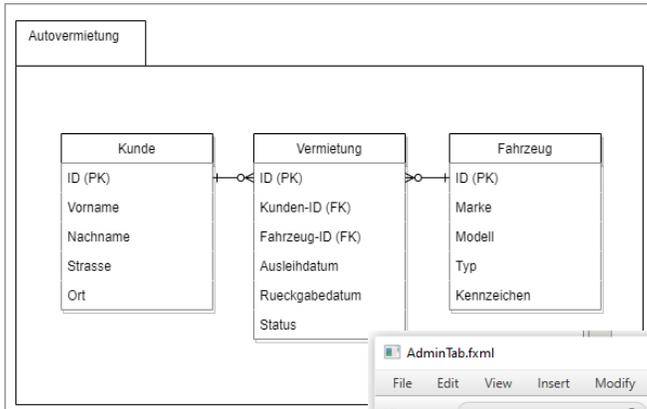
Find: Gewaehlt No matches

select vermietung.rowid ,... X

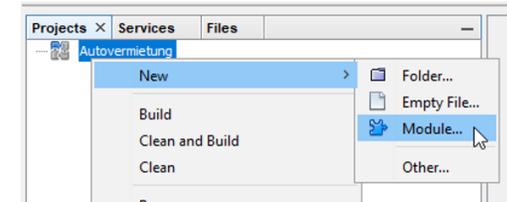
Max. rows: 100 | Fetched Rows: 8 | Matching Rows:

#	rowid	vm_kd_name	vm_fz_infos	vm_datum_von	vm_datum_bis
1		1 Fritz Brause	Mercedes-Benz - C220 Coupé - F-A 1234	11.11.2020	13.11.2020
2		2 Arthur Dent	Volkswagen - UP! - F-XX 345	11.11.2020	13.11.2020
3		4 Bruce Wayne	Audi - A6 - F-XX 456	13.11.2020	21.11.2020
4		5 Fritz Brause	Mercedes-Benz - C220 Coupé - F-A 1234	11.11.2020	13.11.2020
5		6 Arthur Dent	Opel - Combo - F-YY 777	17.11.2020	18.11.2020
6		9 Bruce Wayne	Volkswagen - UP! - F-XX 345	21.11.2020	23.11.2020
7		10 Angelo Merte	Mercedes-Benz - C200 T-Modell - F-XX 123	21.11.2020	23.11.2020
8		11 Fritz Brause	Mercedes-Benz - C200 T-Modell - F-XX 123	15.11.2020	19.11.2020

Autovermietung (run) running... 10:1 | INS | Windows (CRLF)



Über Rechtsklick auf den Modulnamen, dann New...\Module



eine Modulstruktur generieren lassen, auf die Kleinschreibung achten:

