Import Data

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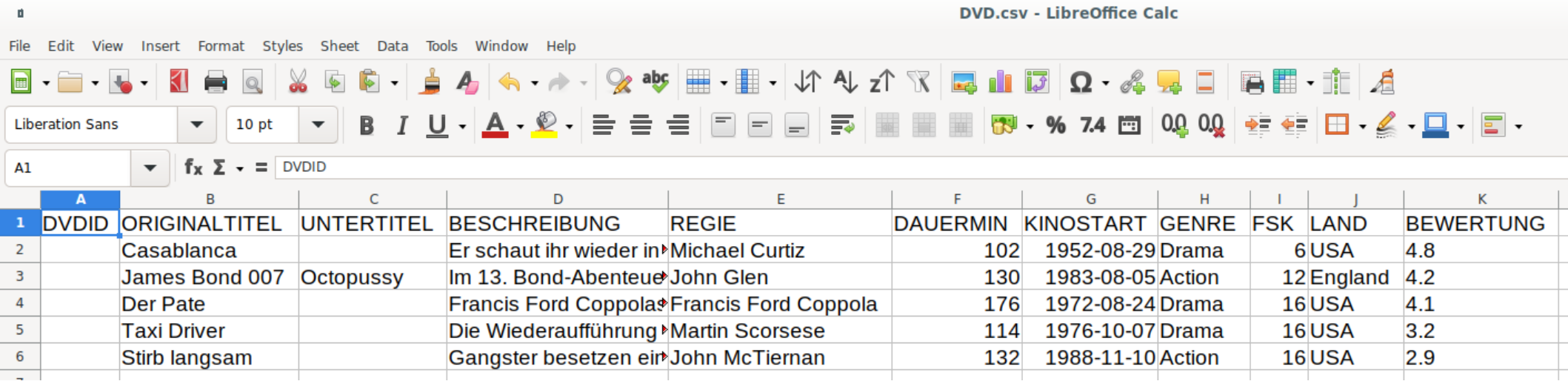
CSV

- Comma separated values (CSV) is a text file format that uses commas to separate values.
- A CSV file stores tabular data (numbers and text) in plain text, where each line of the file typically represents one data record.
- Each record consists of the same number of fields, and these are separated by commas in the CSV file.
- Frequently used delimiters:
  - Comma
  - Tab
  - Space
  - Semicolon
- CSV is a common data exchange format that is widely supported by consumer, business, and scientific applications.

https://en.wikipedia.org/wiki/Comma-separated_values (14.8.2023)

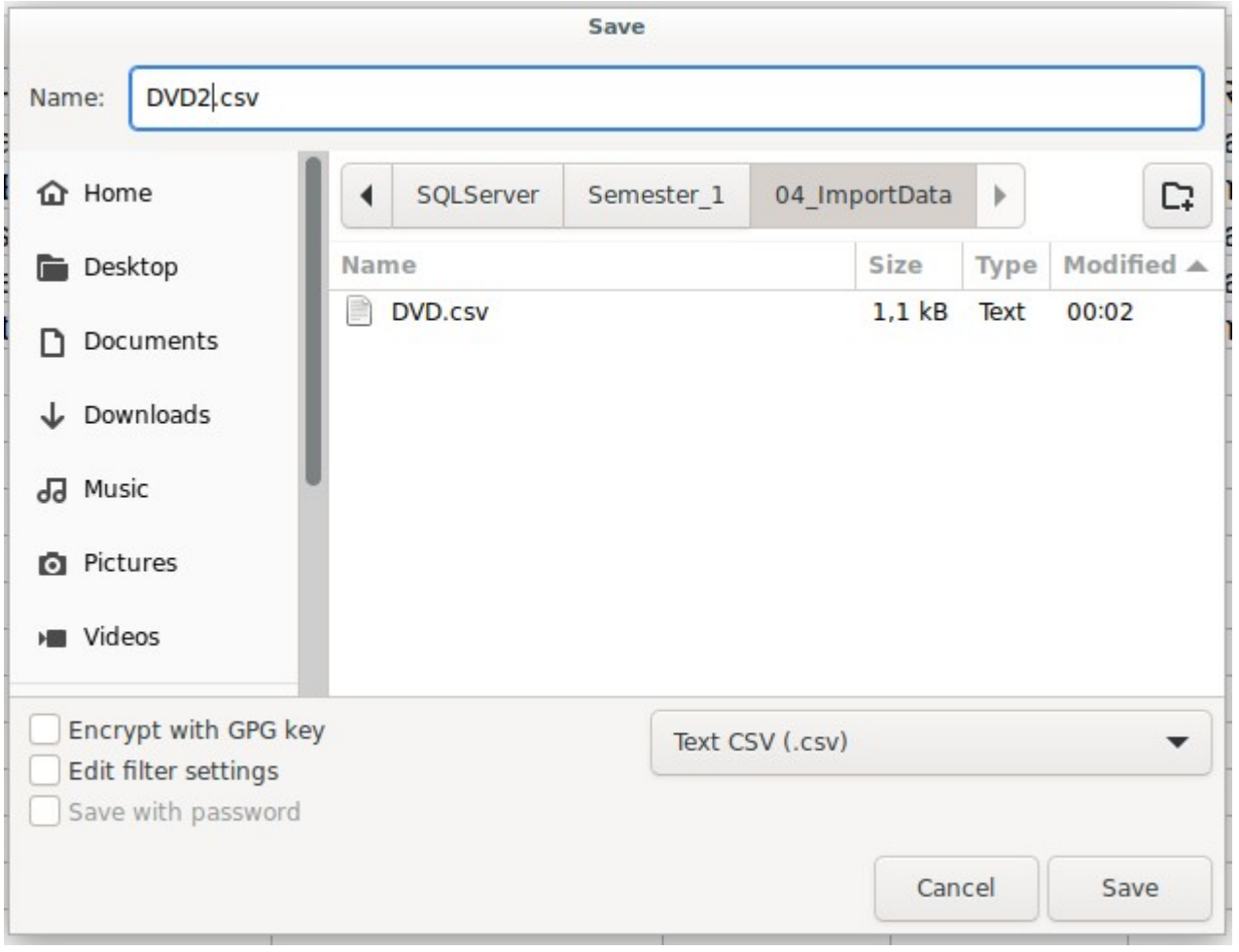
Daten

- Daten werden großteils in einem CSV-File zur Verfügung gestellt.
- Datengenerator: https://www.mockaroo.com/



DVDID	ORIGINALTITEL	UNTERTITEL	BESCHREIBUNG	REGIE	DAUERMIN	KINOSTART	GENRE	FSK	LAND	BEWERTUNG
	Casablanca		Er schaut ihr wieder in	Michael Curtiz	102	1952-08-29	Drama	6	USA	4.8
	James Bond 007	Octopussy	Im 13. Bond-Abenteue	John Glen	130	1983-08-05	Action	12	England	4.2
	Der Pate		Francis Ford Coppolas	Francis Ford Coppola	176	1972-08-24	Drama	16	USA	4.1
	Taxi Driver		Die Wiederaufführung	Martin Scorsese	114	1976-10-07	Drama	16	USA	3.2
	Stirb langsam		Gangster besetzen ein	John McTiernan	132	1988-11-10	Action	16	USA	2.9

Daten


Save
Name:
DVD2.csv
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
SQLServer
Semester_1
04_ImportData
Name
Size
Type
Modified
DVD.csv
1,1 kB
Text
00:02
Encrypt with GPG key
Edit filter settings
Save with password
Text CSV (.csv)
Cancel
Save

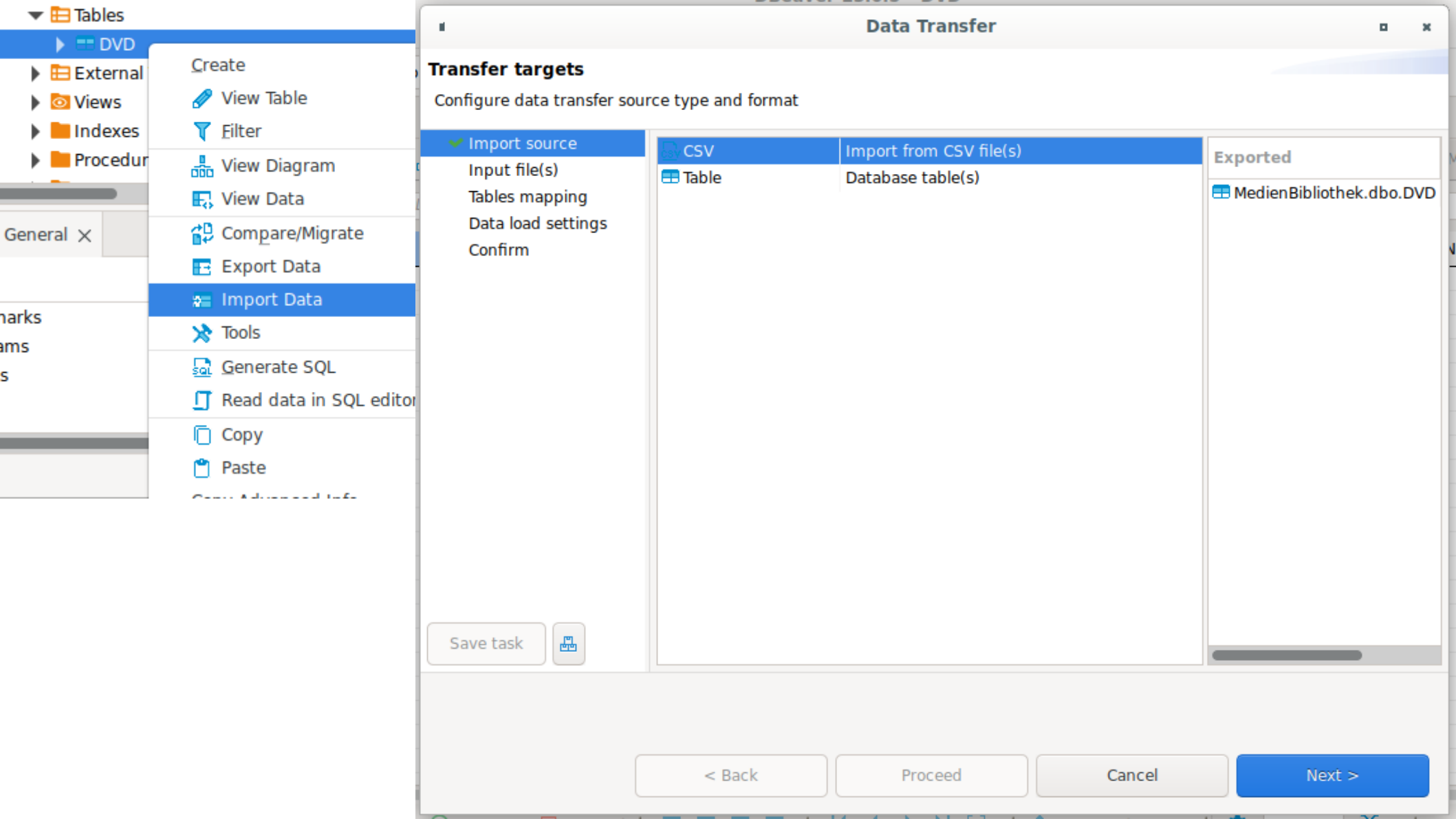
Daten

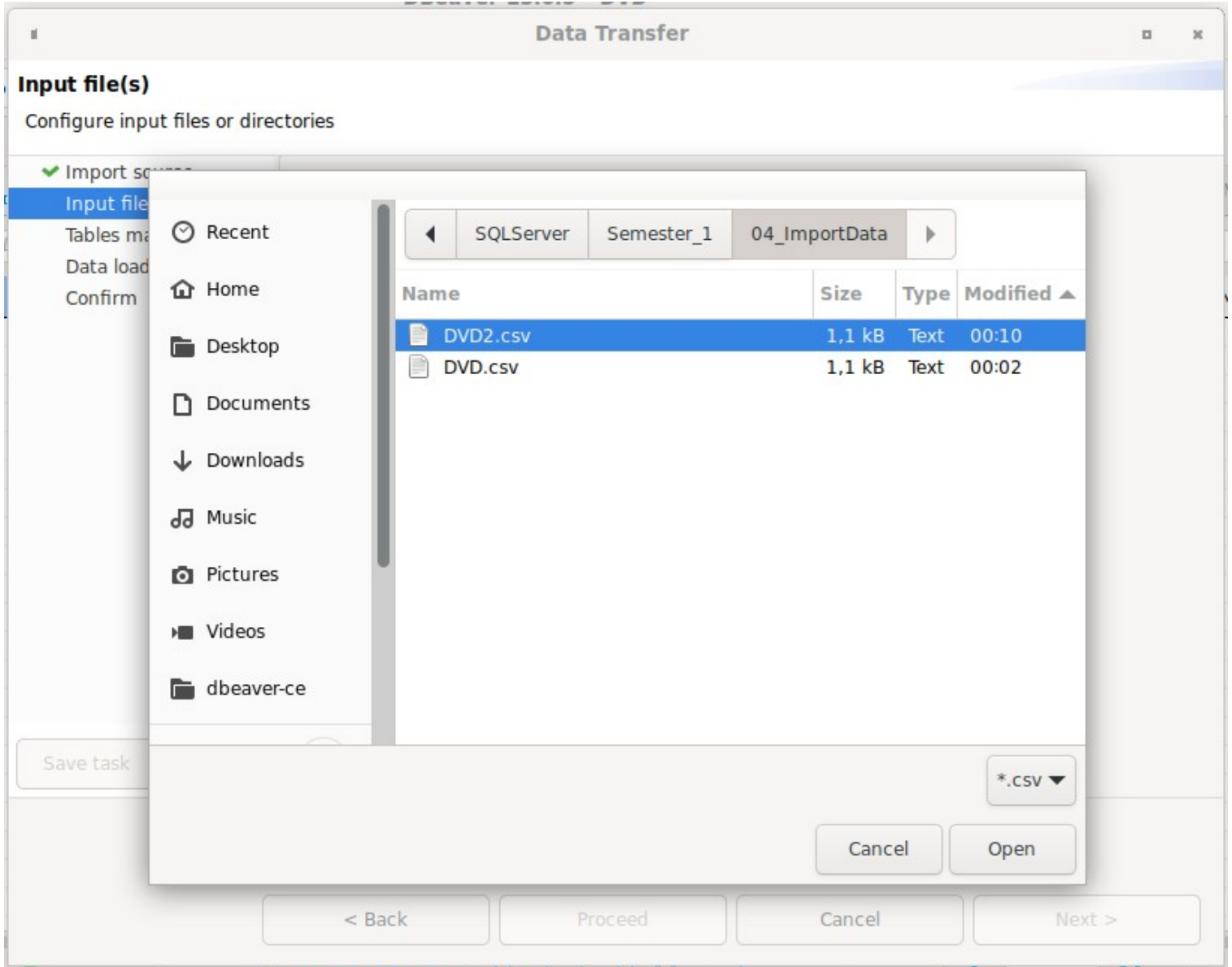
DVD2.csv (/home/thomas/Desktop/SQLServer/Semester_1/04_ImportData) - Notepadqq

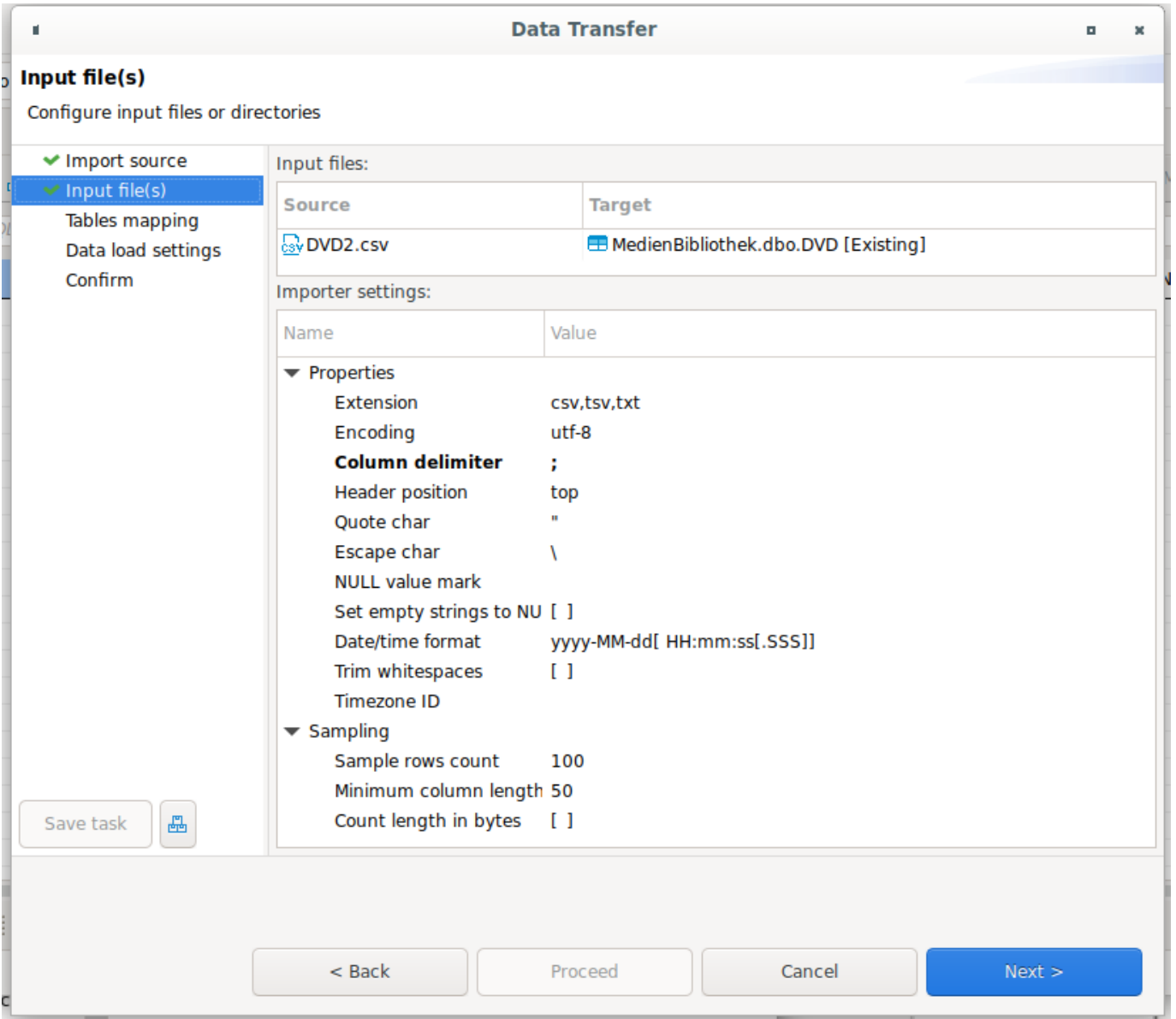
File Edit Search View Encoding Language Settings Run Window ?

DVD2.csv

```
1  DVDID;ORIGINALTITEL;UNTERTITEL;BESCHREIBUNG;REGIE;DAUERM
   IN;KINOSTART;GENRE;FSK;LAND;BEWERTUNG
2  ;Casablanca;;Er schaut ihr wieder in die Augen - im
   Großformat. Ein gnädiges Schicksal sorgte dafür, dass
   Ingrid Bergman im romantischsten aller Weltkriegsdramen
   von Humphrey Bogart angeschmachtet wird.;Michael
   Curtiz;102;1952-08-29;Drama;6;USA;4.8
3  ;James Bond 007;Octopussy;Im 13. Bond-Abenteuer zeigt
   Roger Moore einem übergeschnappten sowjetischen General,
   wo der Hammer hängt.;John Glen;130;1983-08-
   05;Action;12;England;4.2
```


Tables
DVD
External
Views
Indexes
Procedur
General
Create
View Table
Filter
View Diagram
View Data
Compare/Migrate
Export Data
Import Data
Tools
Generate SQL
Read data in SQL editor
Copy
Paste
Data Transfer
Transfer targets
Configure data transfer source type and format
Import source
Input file(s)
Tables mapping
Data load settings
Confirm
CSV
Import from CSV file(s)
Table
Database table(s)
Exported
MedienBibliothek.dbo.DVD
Save task
< Back
Proceed
Cancel
Next >


Data Transfer
Input file(s)
Configure input files or directories
Import source
Input file
Tables ma
Data load
Confirm
Save task
Recent
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
dbeaver-ce
SQLServer
Semester_1
04_ImportData
Name
Size
Type
Modified
DVD2.csv
1,1 kB
Text
00:10
DVD.csv
1,1 kB
Text
00:02
*.csv
Cancel
Open
< Back
Proceed
Cancel
Next >



Encoding

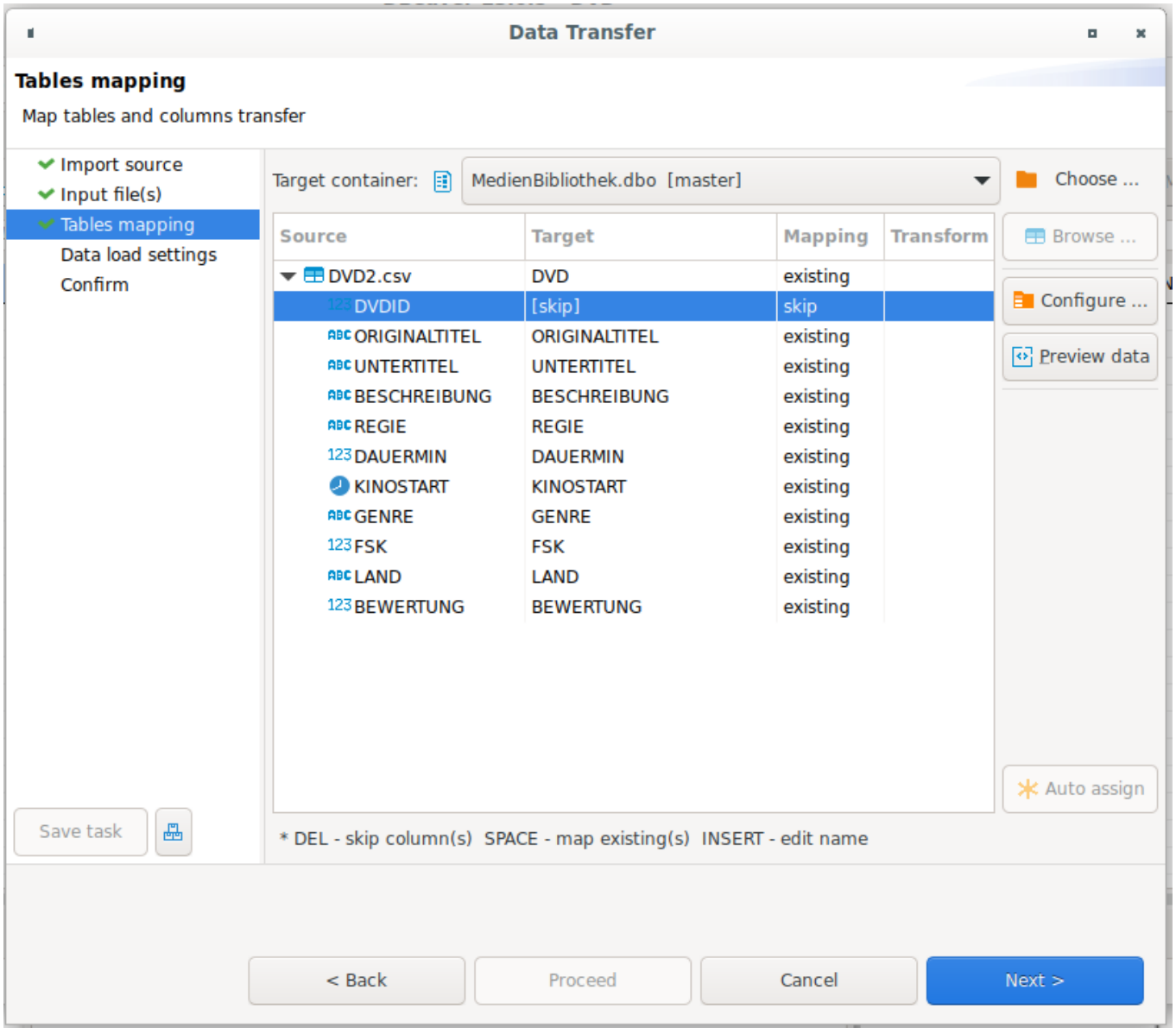
Delimiter

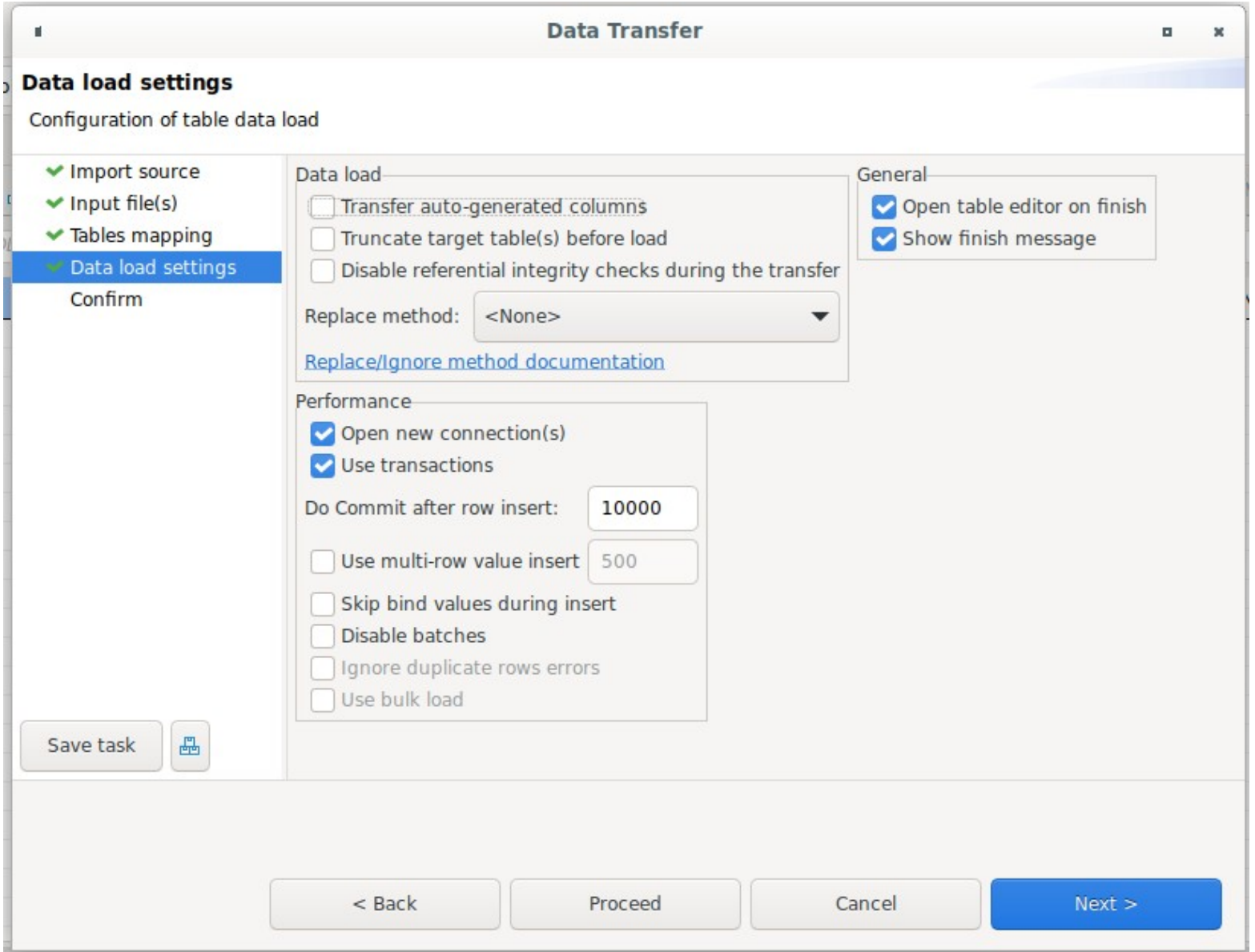
Header

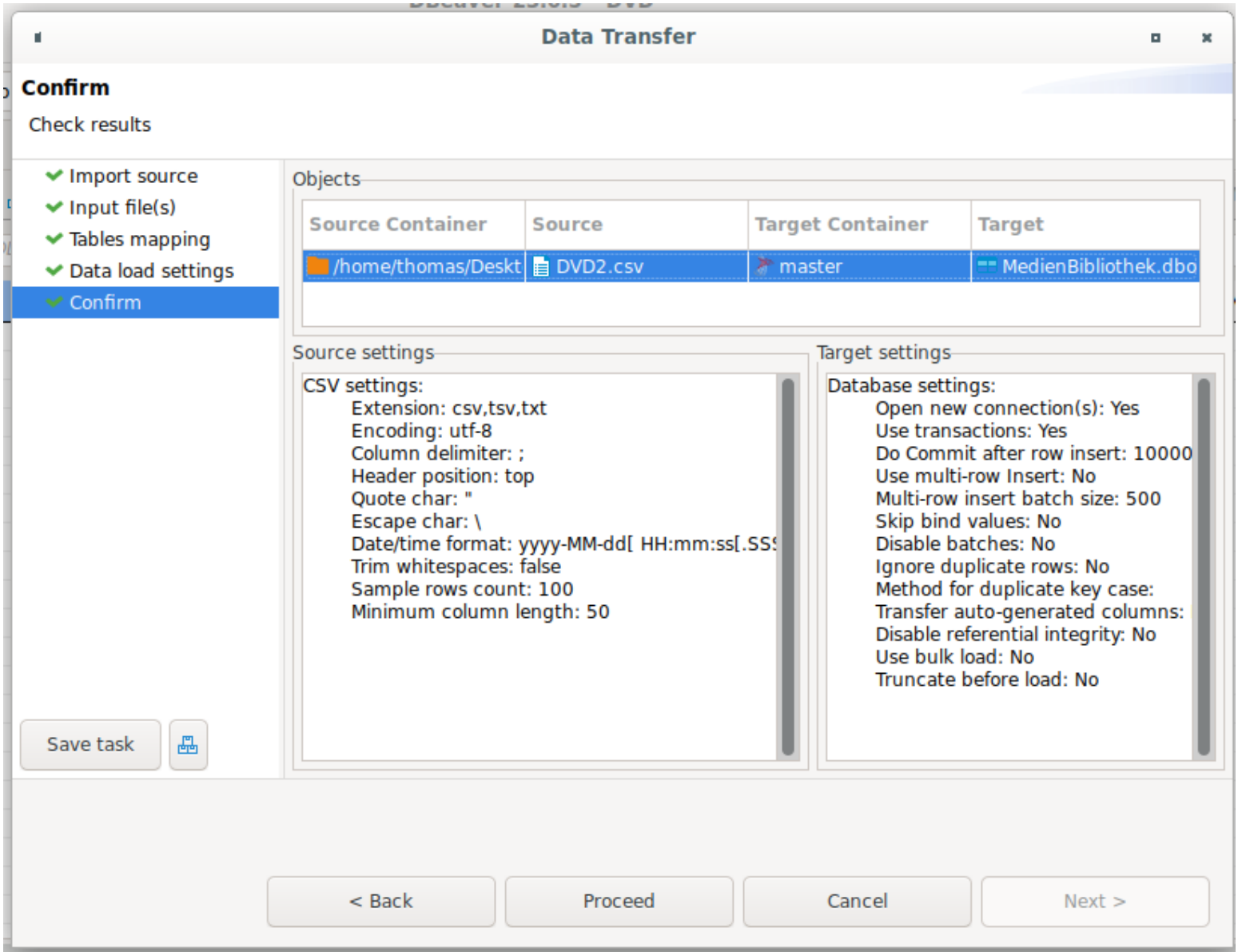
Quote char

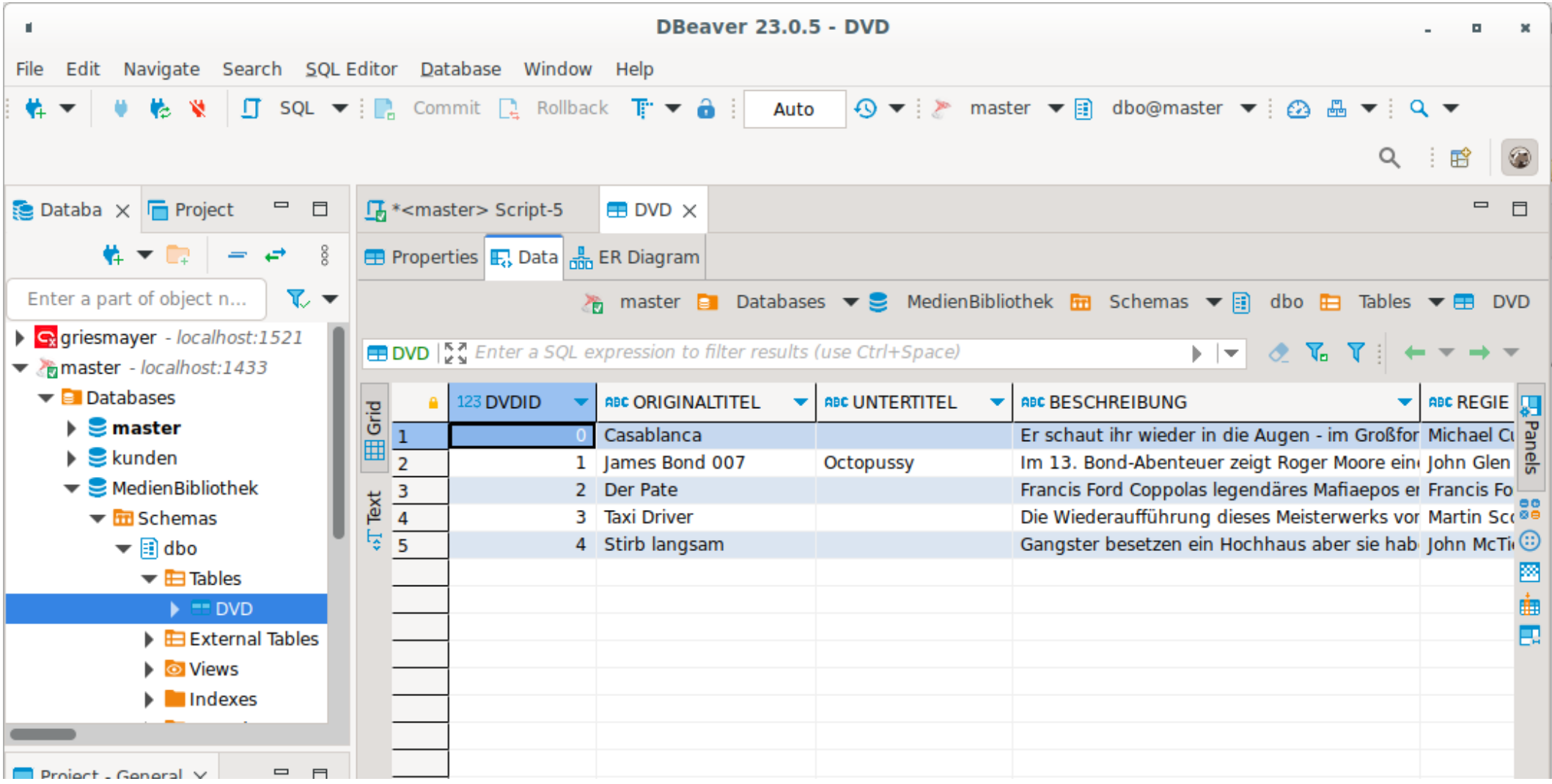
Date/time format

Trim whitespaces


Data Transfer
Tables mapping
Map tables and columns transfer
Import source
Input file(s)
Tables mapping
Data load settings
Confirm
Target container:
MedienBibliothek.dbo [master]
Choose ...
Source
Target
Mapping
Transform
DVD2.csv
DVD
existing
DVDID
[skip]
skip
ORIGINALTITEL
ORIGINALTITEL
existing
UNTERTITEL
UNTERTITEL
existing
BESCHREIBUNG
BESCHREIBUNG
existing
REGIE
REGIE
existing
DAUERMIN
DAUERMIN
existing
KINOSTART
KINOSTART
existing
GENRE
GENRE
existing
FSK
FSK
existing
LAND
LAND
existing
BEWERTUNG
BEWERTUNG
existing
Browse ...
Configure ...
Preview data
Auto assign
Save task
* DEL - skip column(s) SPACE - map existing(s) INSERT - edit name
< Back
Proceed
Cancel
Next >


Data Transfer
Data load settings
Configuration of table data load
Import source
Input file(s)
Tables mapping
Data load settings
Confirm
Data load
Transfer auto-generated columns
Truncate target table(s) before load
Disable referential integrity checks during the transfer
Replace method:
<None>
Replace/Ignore method documentation
General
Open table editor on finish
Show finish message
Performance
Open new connection(s)
Use transactions
Do Commit after row insert:
10000
Use multi-row value insert
500
Skip bind values during insert
Disable batches
Ignore duplicate rows errors
Use bulk load
Save task
< Back
Proceed
Cancel
Next >


Data Transfer
Confirm
Check results
Import source
Input file(s)
Tables mapping
Data load settings
Confirm
Objects
Source Container
Source
Target Container
Target
/home/thomas/Deskt
DVD2.csv
master
MedienBibliothek.dbo
Source settings
CSV settings:
Extension: csv,tsv,txt
Encoding: utf-8
Column delimiter: ;
Header position: top
Quote char: "
Escape char: \
Date/time format: yyyy-MM-dd[HH:mm:ss[.SSS
Trim whitespaces: false
Sample rows count: 100
Minimum column length: 50
Target settings
Database settings:
Open new connection(s): Yes
Use transactions: Yes
Do Commit after row insert: 10000
Use multi-row Insert: No
Multi-row insert batch size: 500
Skip bind values: No
Disable batches: No
Ignore duplicate rows: No
Method for duplicate key case:
Transfer auto-generated columns:
Disable referential integrity: No
Use bulk load: No
Truncate before load: No
Save task
< Back
Proceed
Cancel
Next >


DBeaver 23.0.5 - DVD
File Edit Navigate Search SQL Editor Database Window Help
SQL Commit Rollback Auto master dbo@master
Databa Project
Enter a part of object n...
griesmayer - localhost:1521
master - localhost:1433
Databases
master
kunden
MedienBibliothek
Schemas
dbo
Tables
DVD
External Tables
Views
Indexes
*<master> Script-5
DVD
Properties Data ER Diagram
master Databases MedienBibliothek Schemas dbo Tables DVD
DVD Enter a SQL expression to filter results (use Ctrl+Space)
Grid
Text
Panels
DVDID ORIGINALTITEL UNTERTITEL BESCHREIBUNG REGIE
1 0 Casablanca Er schaut ihr wieder in die Augen - im Großfor Michael Cu
2 1 James Bond 007 Octopussy Im 13. Bond-Abenteuer zeigt Roger Moore ein John Glen
3 2 Der Pate Francis Ford Coppolas legendäres Mafiaepos er Francis Fo
4 3 Taxi Driver Die Wiederaufführung dieses Meisterwerks vor Martin Sc
5 4 Stirb langsam Gangster besetzen ein Hochhaus aber sie hab John McTi