



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator manual loading dataset* _project_3(2)

SCHEMAS

ig_done project3 project4 sakila sys world

Administ Information

No object selected

```
1 CREATE DATABASE IF NOT EXISTS patent;
2 USE patent;
3
4 -- Create Patents table
5 CREATE TABLE IF NOT EXISTS Patents (
6     patent_number VARCHAR(255) PRIMARY KEY,
7     title VARCHAR(255),
8     inventor_name VARCHAR(255),
9     patent_class VARCHAR(255),
10    filing_date DATE,
11    assignee_name VARCHAR(255),
12    abstract TEXT
13 );
14
15 SHOW VARIABLES LIKE 'secure_file_priv';
16
17 -- Load data from CSV file into Patents table
18 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv'
19 INTO TABLE Patents
20 FIELDS TERMINATED BY ','
21 ENCLOSED BY '';
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:37:22	CREATE DATABASE IF NOT EXISTS patent	1 row(s) affected	0.000 sec
2	11:37:36	USE patent	0 row(s) affected	0.000 sec

Object In

87°F Sunny

Search

ENG IN 11:37 AM 5/9/2024

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

MySQL Workbench

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19 INTO TABLE Patents
20 FIELDS TERMINATED BY ','
21 ENCLOSED BY '';
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:37:22	CREATE DATABASE IF NOT EXISTS patent	1 row(s) affected	0.000 sec
2	11:37:36	USE patent	0 row(s) affected	0.000 sec
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), inv...	0 row(s) affected	0.016 sec

Object In

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ENG IN 11:37 AM 5/9/2024

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Context Help Snippets

MySQL Workbench

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SCHMAS

Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

Limit to 1000 rows

```
-- Create Patents table
CREATE TABLE IF NOT EXISTS Patents (
  patent_number VARCHAR(255) PRIMARY KEY,
  title VARCHAR(255),
  inventor_name VARCHAR(255),
  patent_class VARCHAR(255),
  filing_date DATE,
  assignee_name VARCHAR(255),
  abstract TEXT
);
SHOW VARIABLES LIKE 'secure_file_priv';
```

Result Grid

Variable_name	Value
secure_file_priv	

Output

#	Time	Action	Message	Duration / Fetch
1	11:37:22	CREATE DATABASE IF NOT EXISTS patent	1 row(s) affected	0.000 sec
2	11:37:36	USE patent	0 row(s) affected	0.000 sec
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), in...	0 row(s) affected	0.016 sec
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec

Object In

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Navigator manual loading dataset* _Project_3(2)

SCHMAS

Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

Limit to 1000 rows

```
SHOW VARIABLES LIKE 'secure_file_priv';
-- Load data from CSV file into Patents table
LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv'
INTO TABLE Patents
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS; -- Skip header row if exists
#Selecting from the users table
SELECT * FROM Patents;
-- Search by Patent Number
SELECT * FROM Patents
WHERE patent_number = 'US2015269825A1';
-- Search by Title Keywords
SELECT * FROM Patents
WHERE title LIKE '%keyword%';
```

Output

#	Time	Action	Message	Duration / Fetch
1	11:37:22	CREATE DATABASE IF NOT EXISTS patent	1 row(s) affected	0.000 sec
2	11:37:36	USE patent	0 row(s) affected	0.000 sec
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), in...	0 row(s) affected	0.016 sec
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
5	11:38:21	LOAD DATA INFILE C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv' INTO TABLE Patents FIELDS TER...	19 row(s) affected Records: 19 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec

Object In

87°F Sunny

Search

ENG IN

11:38 AM 5/9/2024

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MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator manual loading dataset* x _lproject_3(2)

SCHMAS Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

Limit to 1000 rows

```
14
15 • SHOW VARIABLES LIKE 'secure_file_priv';
16
17 -- Load data from CSV file into Patents table
18 • LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv'
19 INTO TABLE Patents
20 FIELDS TERMINATED BY ','
21 ENCLOSED BY '"'
22 LINES TERMINATED BY '\n'
23 IGNORE 1 ROWS; -- Skip header row if exists
24
25 #Selecting from the users table
```

Result Grid

patent_number	title	inventor_name	patent_class	filing_date	assignee_name	abstract
AU2013216643B2	Methods compositions and devices for inducing ...	Fred Hutchinson Cancer Research Center	Eric Blackstone Mark B Roth	2013-08-15	Class A	The present inve
EP4165524A1	Wearable sensor system configured for monitori...	LifeLens Technologies Inc	Landy Toth Robert S Schwartz	2021-07-13	Class B	An apparatus co
NO9A06004527A	Methods compositions and devices for inducing ...	Fred Hutchinson Cancer Research Center Mark ...	Mark B Roth	2006-04-21	Class B	The present inve
US1104527B1	Robotic medical system	Bao Q Tran	Bao Q Tran	2021-02-09	Class A	A system include
US11357426B2	Glucose management	Bao Tran	Bao Tran	2020-01-15	Class A	Systems and me

Patents 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:37:22	CREATE DATABASE IF NOT EXISTS patent	1 row(s) affected	0.000 sec
2	11:37:36	USE patent	0 row(s) affected	0.000 sec
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), in...	0 row(s) affected	0.016 sec
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
5	11:38:21	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv' INTO TABLE Patents FIELDS TER...	19 row(s) affected Records: 19 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
6	11:38:33	SELECT * FROM Patents LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec

Object In

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Search

ENG IN

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MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator manual loading dataset* x _lproject_3(2)

SCHMAS Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

Limit to 1000 rows

```
20 FIELDS TERMINATED BY ','
21 ENCLOSED BY '"'
22 LINES TERMINATED BY '\n'
23 IGNORE 1 ROWS; -- Skip header row if exists
24
25 #Selecting from the users table
26 • SELECT * FROM Patents;
27
28 -- Search by Patent Number
29 • SELECT * FROM Patents
30 WHERE patent_number = 'US2015269825A1';
31
```

Result Grid

patent_number	title	inventor_name	patent_class	filing_date	assignee_name	abstract
US2015269825A1	Patent monitoring appliance	Bao Tran	Bao Tran	2014-03-20	Class C	A wireless system monitoring system includes a ...

Patents 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	11:37:36	USE patent	0 row(s) affected	0.000 sec
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), ...	0 row(s) affected	0.016 sec
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
5	11:38:21	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv' INTO TABLE Patents FIELDS TE...	19 row(s) affected Records: 19 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
6	11:38:33	SELECT * FROM Patents LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
7	11:38:46	SELECT * FROM Patents WHERE patent_number = 'US2015269825A1' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object In

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Search

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MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator manual loading dataset x _lproject_3(2)

SCHEMAS Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

23 IGNORE 1 ROWS; -- Skip header row if exists

24

25 #Selecting from the users table

26 * SELECT * FROM Patents;

27

28 -- Search by Patent Number

29 * SELECT * FROM Patents

30 WHERE patent_number = 'US2015269825A1';

31

32 -- Search by Title Keywords

33 * SELECT * FROM Patents

34 WHERE title LIKE '%Glucose management%';

Result Grid Filter Rows: Edit Export/Import Wrap Cell Content: 15

patent_number	title	inventor_name	patent_class	filing_date	assignee_name	abstract
US1135742682	Glucose management	Bao Tran	Bao Tran	2020-01-15	Class A	Systems and methods are disclosed for monitori...

Administ No object selected

Information Patents 4 x

Output Action Output

#	Time	Action	Message	Duration / Fetch
3	11:37:49	CREATE TABLE IF NOT EXISTS Patents (patent_number VARCHAR(255) PRIMARY KEY, title VARCHAR(255), ...	0 rows(s) affected	0.016 sec
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
5	11:38:21	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv' INTO TABLE Patents FIELDS TE...	19 row(s) affected Records: 19 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
6	11:38:33	SELECT * FROM Patents LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
7	11:38:46	SELECT * FROM Patents WHERE patent_number = 'US2015269825A1' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	11:39:01	SELECT * FROM Patents WHERE title LIKE '%Glucose management%' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object In

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Search

ENG IN

11:39 AM 5/9/2024

SQLAdditions

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MySQL Workbench

Local instance MySQL80 x

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Navigator manual loading dataset x _lproject_3(2)

SCHEMAS Filter object

- ig_done
- project3
- project4
- sakila
- sys
- world

31

32 -- Search by Title Keywords

33 * SELECT * FROM Patents

34 WHERE title LIKE '%Glucose management%';

35

36 -- Search by Inventor Name

37 * SELECT * FROM Patents

38 WHERE inventor_name IN ('Michael Mong Bao Tran');

39

40 -- Search by Filing Date

41 * SELECT * FROM Patents

42 WHERE filing_date = '2014-03-20';

Result Grid Filter Rows: Edit Export/Import Wrap Cell Content: 15

patent_number	title	inventor_name	patent_class	filing_date	assignee_name	abstract
US2021338631A1	Systems and methods for treating coronavirus	Michael Mong Bao Tran	Michael Mong Bao Tran	2021-04-05	Class A	Provided herein are methods of treatment indu...

Administ No object selected

Information Patents 5 x

Output Action Output

#	Time	Action	Message	Duration / Fetch
4	11:38:02	SHOW VARIABLES LIKE 'secure_file_priv'	1 row(s) returned	0.000 sec / 0.000 sec
5	11:38:21	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/patent.csv' INTO TABLE Patents FIELDS TE...	19 row(s) affected Records: 19 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
6	11:38:33	SELECT * FROM Patents LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
7	11:38:46	SELECT * FROM Patents WHERE patent_number = 'US2015269825A1' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	11:39:01	SELECT * FROM Patents WHERE title LIKE '%Glucose management%' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
9	11:39:15	SELECT * FROM Patents WHERE inventor_name IN ('Michael Mong Bao Tran') LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object In

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Search

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SQLAdditions

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MySQL Workbench

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31

32 -- Search by Title Keywords

33 • SELECT * FROM Patents

34 WHERE title LIKE '%Glucose management%';

35

36 -- Search by Inventor Name

37 • SELECT * FROM Patents

38 WHERE inventor_name IN ('Michael Mong Bao Tran');

39

40 -- Search by Filing Date

41 • SELECT * FROM Patents

42 WHERE filing_date = '2014-03-20';

Result Grid

patent_number title inventor_name patent_class filing_date assignee_name abstract

US2015269825A1 Patent monitoring appliance Bao Tran Bao Tran 2014-03-20 Class C A wireless system monitoring system includes a ...

Information

No object selected

Patents 6 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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8	11:39:01	SELECT * FROM Patents WHERE title LIKE '%Glucose management%' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
9	11:39:15	SELECT * FROM Patents WHERE inventor_name IN ('Michael Mong Bao Tran') LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
10	11:39:37	SELECT * FROM Patents WHERE filing_date = '2014-03-20' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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