

MySQL Workbench

Local instance mysql8

FileEditViewQueryDatabaseServerToolsScriptingHelp

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Information

Table: city

Columns:

ID

Name

CountryCode

District

Population

int AI

PK

char(35)

char(3)

char(20)

int

Query 1countrylanguagecity

1 • SELECT * FROM city;

2

Limit to 1000 rows

Star

Hand

Search

Filter

Refresh

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

	ID	Name	CountryCode	District	Population
▶	1	Kabul	AFG	Kabul	1780000
	2	Qandahar	AFG	Qandahar	237500
	3	Herat	AFG	Herat	186800
	4	Mazar-e-Sharif	AFG	Balkh	127800
	5	Amsterdam	NLD	Noord-Holland	731200
	6	Rotterdam	NLD	Zuid-Holland	593321
	7	Haag	NLD	Zuid-Holland	440900
	8	Utrecht	NLD	Utrecht	234323
	9	Eindhoven	NLD	Noord-Brabant	201843
	10	Tilburg	NLD	Noord-Brabant	193238
	11	Groningen	NLD	Groningen	172701
	12	Breda	NLD	Noord-Brabant	160398
	13	Apeldoorn	NLD	Gelderland	153491
	14	Nijmegen	NLD	Gelderland	152463
	15	Enschede	NLD	Overijssel	149544
	16	Haarlem	NLD	Noord-Holland	148772
	17	Almere	NLD	Flevoland	142465
	18	Arnhem	NLD	Gelderland	138020
	19	Zaanstad	NLD	Noord-Holland	135621
	20	's-Hertogenb...	NLD	Noord-Brabant	129170
	21	Amersfoort	NLD	Utrecht	126270
	22	Maastricht	NLD	Limburg	122087
	23	Dordrecht	NLD	Zuid-Holland	119811
	24	Leiden	NLD	Zuid-Holland	117196
	25	Haarlemmerm...	NLD	Noord-Holland	110722

city 1 ×ApplyRevertContext HelpSnippets

SQLAdditions

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	14:01:22	SELECT * FROM world.countrylanguage LIMIT 0, 1000	984 row(s) returned	0.000 sec / 0.000 sec
✓ 2	14:04:42	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

Object InfoSession

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Query 1

countrylanguage

city

city

Limit to 1000 rows

1

2

3

4

5

SELECT Name

FROM city

WHERE CountryCode = 'THA';

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

city 7

Read Only

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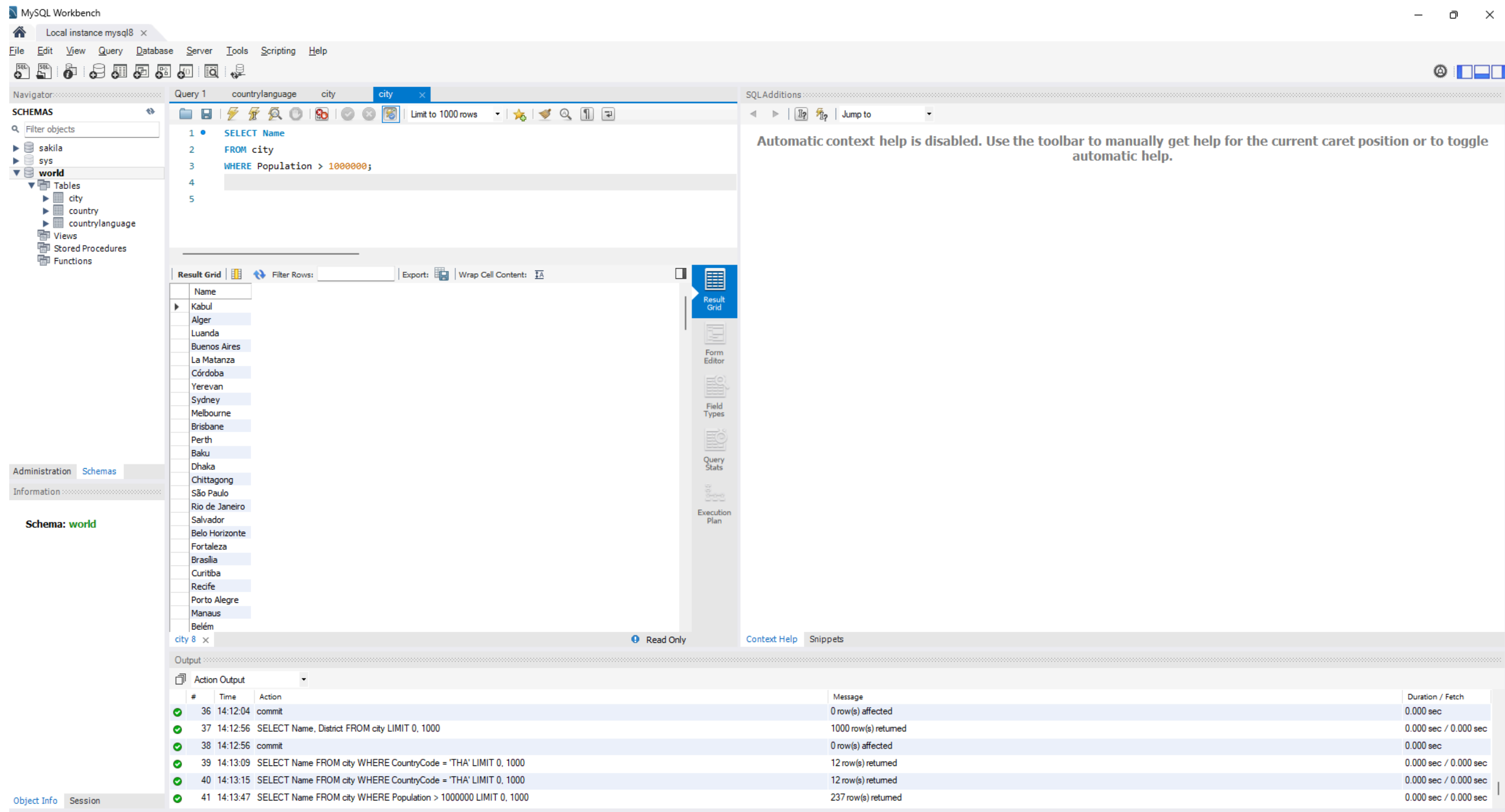
Schema: world

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 35	14:12:04	SELECT Name, District FROM city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 36	14:12:04	commit	0 row(s) affected	0.000 sec
✓ 37	14:12:56	SELECT Name, District FROM city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 38	14:12:56	commit	0 row(s) affected	0.000 sec
✓ 39	14:13:09	SELECT Name FROM city WHERE CountryCode = 'THA' LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 40	14:13:15	SELECT Name FROM city WHERE CountryCode = 'THA' LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec

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Schema: world

Query 1countrylanguagecitycity

Limit to 1000 rows

1

2

3

4

5

6

SELECT Name

FROM city

WHERE CountryCode = 'BEL'

AND Population > 2000000;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

Form Editor

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SQLAdditions

Jump to

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

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 38	14:12:56	commit	0 row(s) affected	0.000 sec
✓ 39	14:13:09	SELECT Name FROM city WHERE CountryCode = 'THA' LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 40	14:13:15	SELECT Name FROM city WHERE CountryCode = 'THA' LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 41	14:13:47	SELECT Name FROM city WHERE Population > 1000000 LIMIT 0, 1000	237 row(s) returned	0.000 sec / 0.000 sec
✓ 42	14:14:42	SELECT Name FROM city WHERE CountryCode = 'BEL' AND Population > 2000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 43	14:14:44	SELECT Name FROM city WHERE CountryCode = 'BEL' AND Population > 2000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object InfoSession

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Navigator: Schemas sakila sys world Tables city country countrylanguage Views Stored Procedures Functions

Query 1 countrylanguage city city country Limit to 1000 rows

```

1 SELECT Name, Continent
2 FROM country;
3

```

Result Grid

Name	Continent
Aruba	North America
Afghanistan	Asia
Angola	Africa
Anguilla	North America
Albania	Europe
Andorra	Europe
Netherlands Antilles	North America
United Arab Emirates	Asia
Argentina	South America
Armenia	Asia
American Samoa	Oceania
Antarctica	Antarctica
French Southern ter...	Antarctica
Antigua and Barbuda	North America
Australia	Oceania
Austria	Europe
Azerbaijan	Asia
Burundi	Africa
Belgium	Europe
Benin	Africa
Burkina Faso	Africa
Bangladesh	Asia
Bulgaria	Europe
Bahrain	Asia
Bahamas	North America

Administration Schemas Information

Table: country

Columns:

- Code char(3) PK
- Name char(52)
- Continent enum('Asia', 'Europe', 'North America', 'South America', 'Africa', 'Oceania', 'Antarctica')
- Region char(26)
- SurfaceArea decimal(11, 2)
- IndepYear smallint
- Population int
- LifeExpectancy decimal(3, 1)
- GNP decimal(11, 2)
- GNPOld decimal(11, 2)
- LocalName char(45)
- GovernmentForm char(45)
- HeadOfState char(60)
- Capital int
- Code2 char(2)

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Read Only

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
43	14:14:44	SELECT Name FROM city WHERE CountryCode = 'BEL' AND Population > 2000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
44	14:15:05	SELECT Name, Continent FROM country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
45	14:15:31	SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000	51 row(s) returned	0.000 sec / 0.000 sec
46	14:16:04	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Local instance mysql8

File Edit View Query Database Server Tools Scripting Help

Query 1countrylanguagecitycitycountry

Limit to 1000 rows

SQLAdditions

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1 • SELECT *

2 FROM country

3 WHERE Continent = 'Asia';

4

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

	Code	Name	Continent	Region	SurfaceArea	IndepYear	Population	LifeExpectancy
▶	AFG	Afghanistan	Asia	Southern and Central Asia	652090.00	1919	22720000	45.9
	ARE	United Arab Emirates	Asia	Middle East	83600.00	1971	2441000	74.1
	ARM	Armenia	Asia	Middle East	29800.00	1991	3520000	66.4
	AZE	Azerbaijan	Asia	Middle East	86600.00	1991	7734000	62.9
	BGD	Bangladesh	Asia	Southern and Central Asia	143998.00	1971	129155000	60.2
	BHR	Bahrain	Asia	Middle East	694.00	1971	617000	73.0
	BRN	Brunei	Asia	Southeast Asia	5765.00	1984	328000	73.6
	BTN	Bhutan	Asia	Southern and Central Asia	47000.00	1910	2124000	52.4
	CHN	China	Asia	Eastern Asia	9572900.00	-1523	1277558000	71.4
	CYP	Cyprus	Asia	Middle East	9251.00	1960	754700	76.7
	GEO	Georgia	Asia	Middle East	69700.00	1991	4968000	64.5
	HKG	Hong Kong	Asia	Eastern Asia	1075.00	NULL	6782000	79.5
	IDN	Indonesia	Asia	Southeast Asia	1904569.00	1945	212107000	68.0
	IND	India	Asia	Southern and Central Asia	3287263.00	1947	1013662000	62.5
	IRN	Iran	Asia	Southern and Central Asia	1648195.00	1906	67702000	69.7
	IRQ	Iraq	Asia	Middle East	438317.00	1932	23115000	66.5
	ISR	Israel	Asia	Middle East	21056.00	1948	6217000	78.6
	JOR	Jordan	Asia	Middle East	88946.00	1946	5083000	77.4
	JPN	Japan	Asia	Eastern Asia	377829.00	-660	126714000	80.7
	KAZ	Kazakhstan	Asia	Southern and Central Asia	2724900.00	1991	16223000	63.2
	KGZ	Kyrgyzstan	Asia	Southern and Central Asia	199900.00	1991	4699000	63.4
	KHM	Cambodia	Asia	Southeast Asia	181035.00	1953	11168000	56.5
	KOR	South Korea	Asia	Eastern Asia	99434.00	1948	46844000	74.4
	KWT	Kuwait	Asia	Middle East	17818.00	1961	1972000	76.1

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Apply Revert

Context Help

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 45	14:15:31	SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000	51 row(s) returned	0.000 sec / 0.000 sec
✓ 46	14:16:04	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 47	14:16:35	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓ 48	14:16:39	SELECT Name, Continent FROM country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓ 49	14:17:25	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 50	14:17:53	SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000	51 row(s) returned	0.000 sec / 0.000 sec

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egion

urfaceArea

depYear

opulation

feExpectancy

NP

NPold

ocalName

overnmentForm

eadOfState

apital

ode2

char(3) P

char(52)

enum('Asi

America',

America')

char(26)

decimal(11

smallint

int

decimal(3,

decimal(11

decimal(11

char(45)

char(45)

char(60)

int

char(2)

info

Session

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

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Query 1countrylanguagecitycitycountry

Limit to 1000 rows

SQLAdditions

1 • SELECT Name

2 FROM country

3 WHERE Region = 'Southeast Asia'

4 AND Population > 50000000;

5

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Table: country

Columns:

Codechar(3) PK

Namechar(52)

Continentenum('Asia', 'Europe', 'North America', 'South America', 'Africa', 'Australia', 'Antarctica')

Regionchar(26)

SurfaceAreadecimal(10, 2)

IndepYearsmallint

Populationint

LifeExpectancydecimal(3, 1)

GNPdecimal(15, 2)

GNPolddecimal(15, 2)

LocalNamechar(45)

GovernmentFormchar(45)

HeadOfStatechar(60)

Capitalint

Code2char(2)

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Read Only

Context Help

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Action Output

#	Time	Action	Message	Duration / Fetch
✓ 44	14:15:05	SELECT Name, Continent FROM country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓ 45	14:15:31	SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000	51 row(s) returned	0.000 sec / 0.000 sec
✓ 46	14:16:04	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 47	14:16:35	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓ 48	14:16:39	SELECT Name, Continent FROM country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓ 49	14:17:25	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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- Result Grid
- Form Editor
- Field Types
- Query Stats
- Execution Plan

Information :::::::::::::::

```
Columns:
  Code      char(3) P
  Name      char(52)
  Continent enum('Asia',
  Continent America',
  Continent America')
  Region    char(26)
  SurfaceArea decimal(1
  IndepYear smallint
  Population int
  LifeExpectancy decimal(3
  GNP        decimal(1
  GNPOld     decimal(1
  LocalName  char(45)
  GovernmentForm char(45)
  HeadOfState char(60)
  Capital    int
  Code2      char(2)
```

Object Info Session

country 5 Read Only Context Help Snippets

Output

Action Output

	#	Time	Action	Message	Duration / Fetch
✓	46	14:16:04	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓	47	14:16:35	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓	48	14:16:39	SELECT Name, Continent FROM country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
✓	49	14:17:25	SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓	50	14:17:53	SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000	51 row(s) returned	0.000 sec / 0.000 sec
✓	51	14:18:36	SELECT Name FROM country WHERE LifeExpectancy > 80 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance mysql8

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Limit to 1000 rows

Jump to

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Query 1

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city

country

1

2

3

4

SELECT Name

FROM country

WHERE IndepYear IS NULL;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Name

Aruba

Anguilla

Netherlands Antilles

American Samoa

Antarctica

French Southern territories

Bermuda

Bouvet Island

Cocos (Keeling) Islands

Cook Islands

Christmas Island

Cayman Islands

Western Sahara

Falkland Islands

Faroe Islands

Gibraltar

Guadeloupe

Greenland

French Guiana

Guam

Hong Kong

Heard Island and McDonal...

British Indian Ocean Territ...

Macao

Northern Mariana Islands

Table: country

Columns:

Code

Name

Continent

Region

SurfaceArea

IndepYear

Population

LifeExpectancy

GNP

GNPOld

LocalName

GovernmentForm

HeadOfState

Capital

Code2

char(3) P

char(52)

enum('Asi

America','

America')

char(26)

decimal(11

smallint

int

decimal(3,

decimal(11

decimal(11

char(45)

char(45)

char(60)

int

char(2)

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Action Output

#

Time

Action

Message

Duration / Fetch

47

14:16:35

SELECT * FROM world.country LIMIT 0, 1000

239 row(s) returned

0.000 sec / 0.000 sec

48

14:16:39

SELECT Name, Continent FROM country LIMIT 0, 1000

239 row(s) returned

0.000 sec / 0.000 sec

49

14:17:25

SELECT Name FROM country WHERE Region = 'Southeast Asia' AND Population > 50000000 LIMIT 0, 1000

4 row(s) returned

0.000 sec / 0.000 sec

50

14:17:53

SELECT * FROM country WHERE Continent = 'Asia' LIMIT 0, 1000

51 row(s) returned

0.000 sec / 0.000 sec

51

14:18:36

SELECT Name FROM country WHERE LifeExpectancy > 80 LIMIT 0, 1000

5 row(s) returned

0.000 sec / 0.000 sec

52

14:18:55

SELECT Name FROM country WHERE IndepYear IS NULL LIMIT 0, 1000

47 row(s) returned

0.000 sec / 0.000 sec

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Context Help Snippets

Message	Duration / Fetch
51 row(s) returned	0.000 sec / 0.000 sec
5 row(s) returned	0.000 sec / 0.000 sec
47 row(s) returned	0.000 sec / 0.000 sec
115 row(s) returned	0.000 sec / 0.000 sec
984 row(s) returned	0.000 sec / 0.000 sec
12 row(s) returned	0.000 sec / 0.000 sec

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▶ sakila

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Query 1countrylanguagecitycitycountrycountrylanguage

1 • SELECT Language

2 FROM countrylanguage

3 WHERE IsOfficial = 'F'

4 AND Percentage > 30;

5

Limit to 1000 rows

SQLAdditions

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

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Language

▶ Papiamentu

Ovimbundu

Spanish

Creole English

Fon

Mossi

Creole English

Spanish

Bajan

Nepali

Tswana

Kongo

Crioulo

Afar

Somali

Creole English

Tigre

Oromo

Hindi

Trukese

Fang

Akan

Ful

Creole French

Malinke

countrylanguage 5

Read Only

Context Help

Snippets

AdministrationSchemas

Information

Table: countrylanguage

Columns:

CountryCode

Language

IsOfficial

Percentage

char(3) PK

char(30) PK

enum('T','F')

decimal(4,1)

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 53	14:19:17	SELECT Name FROM country WHERE GNP > GNPOld LIMIT 0, 1000	115 row(s) returned	0.000 sec / 0.000 sec
✓ 54	14:19:39	SELECT * FROM world.countrylanguage LIMIT 0, 1000	984 row(s) returned	0.000 sec / 0.000 sec
✓ 55	14:19:45	SELECT Language FROM countrylanguage WHERE CountryCode = 'USA' LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 56	14:20:13	SELECT Language FROM countrylanguage WHERE IsOfficial = 'T' LIMIT 0, 1000	238 row(s) returned	0.000 sec / 0.000 sec
✓ 57	14:20:32	SELECT Language FROM countrylanguage WHERE Percentage > 50 LIMIT 0, 1000	168 row(s) returned	0.000 sec / 0.000 sec
✓ 58	14:20:59	SELECT Language FROM countrylanguage WHERE IsOfficial = 'F' AND Percentage > 30 LIMIT 0, 1000	67 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session