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MySQL Workbench

Local instance MySQL80

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Navigator

SCHEMAS

Filter objects

sakila sys world Tables city country countrylanguage Views Stored Procedures Functions

Query 1

countrylanguage city country

Limit to 1000 rows

SQLAdditions

Jump to

1 • SELECT * FROM world.city;

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:

Edit:

Export:

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	Haarlemmer...	NLD	Noord-Holland	110772

city 2 ×

Apply Revert

Context Help Snippets

Administration Schemas

Information

Table: city

Columns:

ID int AI PK

Name char(35)

CountryCode char(3)

District char(20)

Population int

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	16:08:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
2	16:10:20	SELECT * FROM world.countrylanguage LIMIT 0, 1...	984 row(s) returned	0.000 sec / 0.000 sec
3	16:10:29	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
4	16:10:30	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
5	16:34:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

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Filter objects

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Query 1

countrylanguage city country

Limit to 1000 rows

SQLAdditions

Jump to

1 • SELECT name,District FROM world.city;

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 Conte

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

name	District
Kabul	Kabul
Qandahar	Qandahar
Herat	Herat
Mazar-e-Sharif	Balkh
Amsterdam	Noord-Holland
Rotterdam	Zuid-Holland
Haag	Zuid-Holland
Utrecht	Utrecht
Eindhoven	Noord-Brabant
Tilburg	Noord-Brabant
Groningen	Groningen
Breda	Noord-Brabant
Apeldoorn	Gelderland
Nijmegen	Gelderland
Enschede	Overijssel
Haarlem	Noord-Holland
Almere	Flevoland
Arnhem	Gelderland
Zaanstad	Noord-Holland
's-Hertogenb...	Noord-Brabant
Amersfoort	Utrecht
Maastricht	Limburg
Dordrecht	Zuid-Holland
Leiden	Zuid-Holland
Haarlemmer...	Noord-Holland

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Read Only

Context Help Snippets

Administration Schemas

Information

Table: city

Columns:

ID int AI PK

Name char(35)

CountryCode char(3)

District char(20)

Population int

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	16:08:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
2	16:10:20	SELECT * FROM world.countrylanguage LIMIT 0, 1...	984 row(s) returned	0.000 sec / 0.000 sec
3	16:10:29	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
4	16:10:30	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
5	16:34:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

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Query 1 countrylanguage city country

1 • SELECT name
2 FROM world.city
3 where CountryCode = 'THA'

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

Result Grid

name
Bangkok
Nonthaburi
Nakhon Ratchasima
Chiang Mai
Udon Thani
Hat Yai
Khon Kaen
Pak Kret
Nakhon Sawan
Ubon Ratchathani
Songkhla
Nakhon Pathom

Administration Schemas

Information

Table: city

Columns:

ID	int AI PK
Name	char(35)
CountryCode	char(3)
District	char(20)
Population	int

city 4 × Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	16:10:20	SELECT * FROM world.countrylanguage LIMIT 0,...	984 row(s) returned	0.000 sec / 0.000 sec
3	16:10:29	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
4	16:10:30	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
5	16:34:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
6	16:38:03	SELECT name, District FROM world.city LIMIT 0, ...	1000 row(s) returned	0.000 sec / 0.000 sec

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Query 1 countrylanguage city country

1 • SELECT name, Population
2 FROM world.city
3 where Population > 1000000;

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

Result Grid

name	Population
Kabul	1780000
Alger	2168000
Luanda	2022000
Buenos Aires	2982146
La Matanza	1266461
Córdoba	1157507
Yerevan	1248700
Sydney	3276207
Melbourne	2865329
Brisbane	1291117
Perth	1096829
Baku	1787800
Dhaka	3612850
Chittagong	1392860
São Paulo	9968485
Rio de Janeiro	5598953
Salvador	2302832
Belo Horizonte	2139125
Fortaleza	2097757
Brasília	1969868
Curitiba	1584232
Recife	1378087
Porto Alegre	1314032
Manaus	1255049
Raidm	1184076

Administration Schemas

Information

Table: city

Columns:

ID	int AI PK
Name	char(35)
CountryCode	char(3)
District	char(20)
Population	int

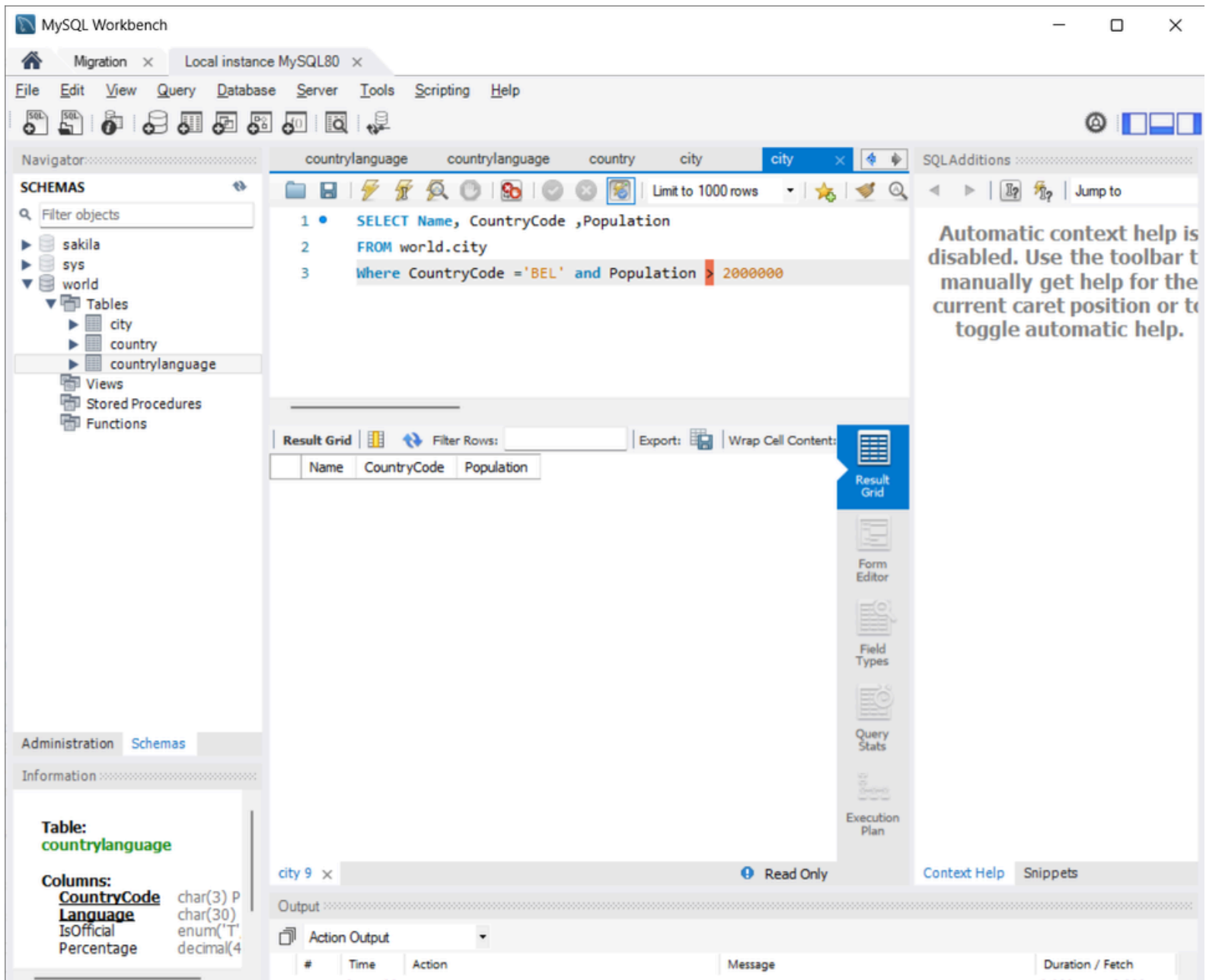
city 5 × Read Only Context Help Snippets

Output

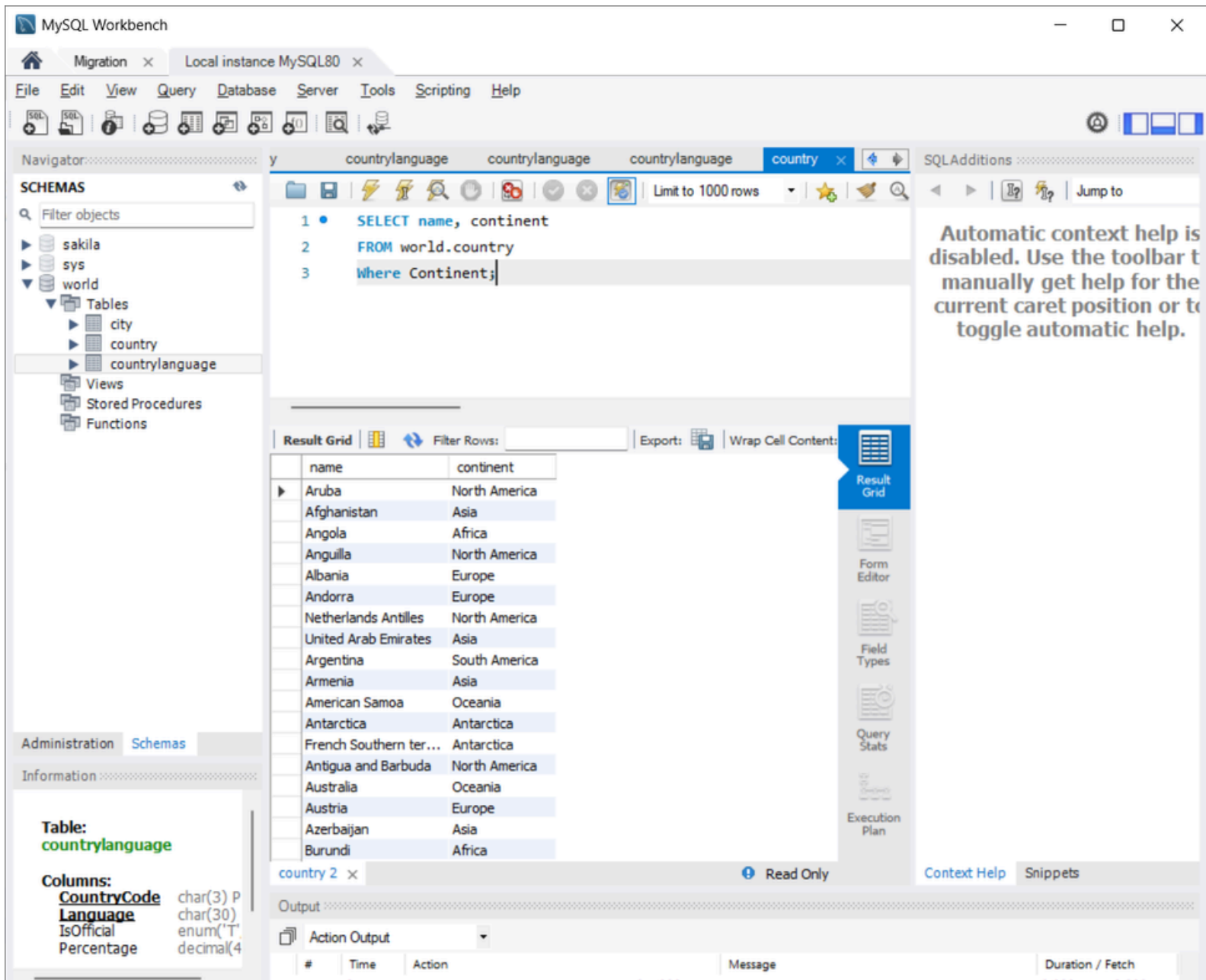
Action Output

#	Time	Action	Message	Duration / Fetch
3	16:10:29	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
4	16:10:30	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
5	16:34:22	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
6	16:38:03	SELECT name, District FROM world.city LIMIT 0, ...	1000 row(s) returned	0.000 sec / 0.000 sec
7	16:44:10	SELECT name FROM world.city where CountryCo...	12 row(s) returned	0.000 sec / 0.000 sec

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MySQL Workbench

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Navigator: countrylanguage city country city countrylanguage country

SQLAdditions: Limit to 1000 rows

Query 1

```
1 SELECT Name, Continent
2 FROM world.country
3 where Continent='asia';
```

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

Result Grid

Name	Continent
Afghanistan	Asia
United Arab Emirates	Asia
Armenia	Asia
Azerbaijan	Asia
Bangladesh	Asia
Bahrain	Asia
Brunei	Asia
Bhutan	Asia
China	Asia
Cyprus	Asia
Georgia	Asia
Hong Kong	Asia
Indonesia	Asia
India	Asia
Iran	Asia
Iraq	Asia
Israel	Asia
Jordan	Asia
Japan	Asia
Kazakhstan	Asia
Kyrgyzstan	Asia
Cambodia	Asia
South Korea	Asia
Kuwait	Asia

Table: country

Columns:

- Code char(3)
- Name char(5)
- Continent enum(Americ, Asia, Europe, Africa, Oceania)
- Region char(2)
- SurfaceArea char(2)
- IndepYear char(2)
- Population char(2)
- LifeExpectancy char(2)
- GNP char(2)
- GNPold char(2)
- LocalName char(4)
- GovernmentForm char(4)

Output

#	Time	Action	Message	Duration / Fetch
11	16:50:59	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
12	16:51:41	SELECT * FROM world.city LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	16:51:48	SELECT * FROM world.countrylanguage LIMIT 0, 1000	984 row(s) returned	0.000 sec / 0.000 sec
14	16:51:52	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
15	16:54:51	SELECT Name, Continent FROM world.country where Continent='asi...	51 row(s) returned	0.000 sec / 0.000 sec

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MySQL Workbench

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Navigator: country city countrylanguage country country country country

SQLAdditions: Limit to 1000 rows

Query 1

```
1 SELECT Name, Region, Population
2 FROM world.country
3 where Region = 'Southeast Asia' and Population > 50000000;
```

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

Result Grid

Name	Region	Population
Indonesia	Southeast Asia	212107000
Philippines	Southeast Asia	75967000
Thailand	Southeast Asia	61399000
Vietnam	Southeast Asia	79832000

Table: country

Columns:

- Code char(3)
- Name char(5)
- Continent enum(Americ, Asia, Europe, Africa, Oceania)
- Region char(2)
- SurfaceArea char(2)
- IndepYear char(2)
- Population char(2)
- LifeExpectancy char(2)
| GNP | decima |
| GNPold | decima |
| LocalName | char(4) |
| GovernmentForm | char(4) |

Output

#	Time	Action	Message	Duration / Fetch
21	17:03:53	SELECT Name, Region, Population FROM world.country where Regio...	0 row(s) returned	0.000 sec / 0.000 sec
22	17:04:15	SELECT Name, Population FROM world.country where Region ='Sout...	0 row(s) returned	0.000 sec / 0.000 sec
23	17:04:26	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
24	17:05:08	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
25	17:06:24	SELECT Name, Region, Population FROM world.country where Regio...	0 row(s) returned	0.000 sec / 0.000 sec

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MySQL Workbench

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Navigator: country city countrylanguage country country country country country

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1 • SELECT Name, LifeExpectancy
2 FROM world.country
3 where LifeExpectancy > 80;

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

Result Grid

Name	LifeExpectancy
Andorra	83.5
Japan	80.7
Macao	81.6
Singapore	80.1
San Marino	81.1

country 2 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	17:04:26	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
24	17:05:08	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
25	17:06:24	SELECT Name, Region, Population FROM world.country where Region = 'Asia'	0 row(s) returned	0.000 sec / 0.000 sec
26	17:06:34	SELECT Name, Region, Population FROM world.country where Region = 'Europe'	4 row(s) returned	0.000 sec / 0.000 sec
27	17:06:56	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec

Table: country

Columns:

Code char(3)
Name char(5)
Continent enum('Americ', 'Americ', 'Asia', 'Europe', 'Africa', 'Oceania')
Region char(2)
SurfaceArea decimal(10, 2)
IndepYear smallint
Population int
LifeExpectancy decimal(4, 1)
GNP decimal(15, 2)
GNPOLD decimal(15, 2)
LocalName char(40)
GovernmentForm char(40)

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MySQL Workbench

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Navigator: country city countrylanguage country country country country country

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1 • SELECT Name, IndepYear
2 FROM world.country
3 where IndepYear is null;

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

Result Grid

Name	IndepYear
Aruba	NULL
Anguilla	NULL
Netherlands Antilles	NULL
American Samoa	NULL
Antarctica	NULL
French Southern territories	NULL
Bermuda	NULL
Bouvet Island	NULL
Cocos (Keeling) Islands	NULL
Cook Islands	NULL
Christmas Island	NULL
Cayman Islands	NULL
Western Sahara	NULL
Falkland Islands	NULL
Faroe Islands	NULL
Gibraltar	NULL
Guadeloupe	NULL
Greenland	NULL
French Guiana	NULL
Guam	NULL
Hong Kong	NULL
Heard Island and McDonald Islands	NULL
British Indian Ocean Territory	NULL
Macao	NULL
Northern Mariana Islands	NULL

country 4 x

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
27	17:06:56	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
28	17:08:52	SELECT Name, LifeExpectancy FROM world.country where LifeExpectancy > 80	5 row(s) returned	0.016 sec / 0.000 sec
29	17:09:06	SELECT * FROM world.country LIMIT 0, 1000	239 row(s) returned	0.000 sec / 0.000 sec
30	17:10:38	SELECT Name, IndepYear FROM world.country where IndepYear = 'n...'	0 row(s) returned	0.000 sec / 0.000 sec
31	17:10:41	SELECT Name, IndepYear FROM world.country where IndepYear = 'n...'	0 row(s) returned	0.000 sec / 0.000 sec

Table: country

Columns:

Code char(3)
Name char(5)
Continent enum('Americ', 'Americ', 'Asia', 'Europe', 'Africa', 'Oceania')
Region char(2)
SurfaceArea decimal(10, 2)
IndepYear smallint
Population int
LifeExpectancy decimal(4, 1)
GNP decimal(15, 2)
GNPOLD decimal(15, 2)
LocalName char(40)
GovernmentForm char(40)

11

MySQL Workbench interface showing a query on the 'country' table. The query is:

```
1 SELECT Name, GNP, GNPOld
2 FROM world.country
3 where GNP > GNPOld;
```

The result grid displays the following data:

Name	GNP	GNPOld
Aruba	828.00	793.00
Albania	3205.00	2500.00
United Arab Emirates	37966.00	36846.00
Argentina	340238.00	323310.00
Armenia	1813.00	1627.00
Antigua and Barbuda	612.00	584.00
Austria	211860.00	206025.00
Azerbaijan	4127.00	4100.00
Belgium	249704.00	243948.00
Benin	2357.00	2141.00
Burkina Faso	2425.00	2201.00
Bangladesh	32852.00	31966.00
Bulgaria	12178.00	10169.00
Bahrain	6366.00	6097.00
Bahamas	3527.00	3347.00
Belize	630.00	616.00
Bermuda	2328.00	2190.00
Bolivia	8571.00	7967.00
Barbados	2223.00	2186.00
Central African Rep...	1054.00	993.00
Switzerland	264478.00	256092.00
China	982268.00	917719.00
Côte d'Ivoire	11345.00	10285.00
Cameroon	9174.00	8596.00
Comoros	6064.00	5474.00

The 'Information' pane shows details for the 'country' table, including columns: Code, Name, Continent, Region, SurfaceArea, IndepYear, Population, LifeExpectancy, GNP, GNPOld, LocalName, and GovernmentForm.

12

MySQL Workbench interface showing a query on the 'countrylanguage' table. The query is:

```
1 SELECT language, CountryCode
2 FROM world.countrylanguage
3 where CountryCode = 'USA' ;
```

The result grid displays the following data:

language	CountryCode
Chinese	USA
English	USA
French	USA
German	USA
Italian	USA
Japanese	USA
Korean	USA
Polish	USA
Portuguese	USA
Spanish	USA
Tagalog	USA
Vietnamese	USA

The 'Information' pane shows details for the 'countrylanguage' table, including columns: CountryCode, Language, IsOfficial, and Percentage.

13

MySQL Workbench interface showing a query on the 'countrylanguage' table. The query is:

```
1 • SELECT language, IsOfficial
2 FROM world.countrylanguage
3 where IsOfficial = 'T' ;
```

The result grid shows the following data:

language	IsOfficial
Dutch	T
Dari	T
Pashto	T
English	T
Albaniana	T
Catalan	T
Dutch	T
Papiamento	T
Arabic	T
Spanish	T
Armenian	T
English	T
Samoan	T
English	T
English	T
German	T
Azerbaijani	T
French	T

Table: **countrylanguage**
Columns: **CountryCode** char(3) P, **Language** char(30), **IsOfficial** enum('T'), **Percentage** decimal(4)

14

MySQL Workbench interface showing a query on the 'countrylanguage' table. The query is:

```
1 • SELECT language, percentage
2 FROM world.countrylanguage
3 where Percentage > 50 ;
```

The result grid shows the following data:

language	percentage
Papiamento	76.7
Pashto	52.4
Albaniana	97.9
Papiamento	86.2
Spanish	96.8
Armenian	93.4
Samoan	90.6
Creole English	95.7
English	81.2
German	92.0
Azerbaijani	89.0
Kirundi	98.1
Dutch	59.2
Mossi	50.2
Bengali	97.7
Bulgarian	83.2
Arabic	67.7
Creole English	89.7

Table: **countrylanguage**
Columns: **CountryCode** char(3) P, **Language** char(30), **IsOfficial** enum('T'), **Percentage** decimal(4)

MySQL Workbench

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SCHEMAS

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1 • SELECT language, IsOfficial, Percentage
 2 FROM world.countrylanguage
 3 where IsOfficial = 'F' and Percentage > 30 ;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

language	IsOfficial	Percentage
Papiamentu	F	76.7
Ovimbundu	F	37.2
Spanish	F	44.6
Creole English	F	95.7
Fon	F	39.8
Mossi	F	50.2
Creole English	F	89.7
Spanish	F	31.6
Bajan	F	95.1
Nepali	F	34.8
Tswana	F	75.5
Kongo	F	51.5
Crioulo	F	100.0
Afar	F	34.8
Somali	F	43.9
Creole English	F	100.0
Tigre	F	31.7
Oromo	F	31.0

countrylanguage 6 x Read Only

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

Administration Schemas

Information

Table:
countrylanguage

Columns:
 CountryCode char(3) P
 Language char(30)
 IsOfficial enum('T', 'F')
 Percentage decimal(4)

Output

Action Output

#	Time	Action	Message	Duration / Fetch
---	------	--------	---------	------------------