

pgAdmin

FileObjectToolsHelp

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DashboardPropertiesSQLStatisticsDependenciesDependentsjan-24.sql

moviesdb/postgres@PostgreSQL 14

Query EditorQuery History

```
35  movie_id INT references movies (movie_id),
36  actor_id INT references actors (actor_id),
37  PRIMARY KEY (movie_id, actor_id)
38  )
39
40  SELECT COUNT (*) FROM actors
41  UNION ALL
42  SELECT COUNT (*) FROM directors
43  UNION ALL
44  SELECT COUNT (*) FROM movies
45  UNION ALL
46  SELECT COUNT (*) FROM movie_revenues
47  UNION ALL
48  SELECT COUNT (*) FROM movies_actors
49
50
51  SELECT movie_name, release_date
```

Scratch Pad

Data OutputExplainMessagesNotifications

	count	bigint
1	147	
2	37	
3	53	
4	53	
5	181	

Successfully run. Total query runtime: 97 msec. 5 rows affected.

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moviesdb/postgres@PostgreSQL 14

Query EditorQuery HistoryScratch Pad

40SELECT COUNT (*) FROM actors
41UNION ALL
42SELECT COUNT (*) FROM directors
43UNION ALL
44SELECT COUNT (*) FROM movies
45UNION ALL
46SELECT COUNT (*) FROM movie_revenues
47UNION ALL
48SELECT COUNT (*) FROM movies_actors
49
50
51SELECT movie_name, release_date
52FROM movies
53
54SELECT first_name, last_name
55FROM directors
56WHERE nationality = 'American'

Data OutputExplainMessagesNotifications

	movie_name character varying (50)	release_date date
42	The Lives of Others	2007-02-09
43	The Shining	1980-05-23
44	The Sound of Music	1965-03-02
45	The Wizard of Oz	1939-08-25
46	There Will Be Blood	2007-12-26
47	Three Billboards Outside Ebbing, Missouri	2017-11-10
48	Titanic	1997-12-19
49	Top Gun	1986-05-16
50	Toy Story	1995-11-22
51	V for Vendetta	2006-03-17
52	Watchmen	2009-03-06
53	Way of the Dragon	1972-06-01

Successfully run. Total query run

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Query Editor Query History Scratch Pad

```
46 SELECT COUNT (*) FROM movie_revenues
47 UNION ALL
48 SELECT COUNT (*) FROM movies_actors
49
50
51 SELECT movie_name, release_date
52 FROM movies
53
54 SELECT first_name, last_name
55 FROM directors
56 WHERE nationality = 'American'
57
58 SELECT *
59 FROM actors
60 WHERE gender = 'M' AND date_of_birth > '1970-01-01'
61
62 SELECT movie_name
```

Data Output Explain Messages Notifications

	first_name character varying (30)	last_name character varying (30)
5	Francis	Ford Coppola
6	Stanley	Kubrick
7	John	Lasseter
8	George	Lucas
9	Sam	Raimi
10	Mark	Romanek
11	Martin	Scorsese
12	Zack	Snyder
13	Steven	Spielberg
14	Quentin	Tarantino
15	Robert	Wise
16	Robert	Zemeckis

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Query Editor Query History Scratch Pad

```
52 FROM movies
53
54 SELECT first_name, last_name
55 FROM directors
56 WHERE nationality = 'American'
57
58 SELECT *
59 FROM actors
60 WHERE gender = 'M' AND date_of_birth > '1970-01-01'
61
62 SELECT movie_name
63 FROM movies
64 WHERE movie_length > 90
65 AND movie_lang = 'English'
66
67 -- In class assignment
68
```

Data Output Explain Messages Notifications

	actor_id [PK] integer	first_name character varying (30)	last_name character varying (30)	gender character (1)	date_of_birth date
21	113	Tony	Revolori	M	1996-04-28
22	114	Craig	Roberts	M	1991-01-21
23	116	Alexandre	Rodrigues	M	1983-05-21
24	119	Jason	Schwartzmann	M	1980-06-26
25	120	Suraj	Sharma	M	1993-03-21
26	122	Douglas	Silva	M	1988-09-27
27	124	Rafe	Spall	M	1983-03-10
28	130	Chris	Tucker	M	1971-08-31
29	136	Luke	Wilson	M	1971-09-21
30	138	Patrick	Wilson	M	1973-07-03
31	143	Ji-tae	Yoo	M	1976-04-13

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Query EditorQuery HistoryScratch Pad

52FROM movies5354SELECT first_name, last_name55FROM directors56WHERE nationality = 'American'5758SELECT *59FROM actors60WHERE gender = 'M' AND date_of_birth > '1970-01-01'6162SELECT movie_name63FROM movies64WHERE movie_length > 9065AND movie_lang = 'English'6667-- In class assignment68

Data OutputExplainMessagesNotifications

	movie_name	
	character varying (50)	
26	The Darjeeling Limited	
27	The Fifth Element	
28	The Shining	
29	The Sound of Music	
30	The Wizard of Oz	
31	There Will Be Blood	
32	Three Billboards Outside Ebbing, Missouri	
33	Titanic	
34	Top Gun	
35	Toy Story	
36	V for Vendetta	
37	Watchmen	

Successfully run. Total query runtime: 84 msec. 37 rows affected.

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Query Editor Query History Scratch Pad

```
67 -- In class assignment
68
69 SELECT movie_name, movie_lang
70 FROM movies
71 WHERE movie_lang IN ('English', 'Spanish', 'Korean')
72
73 SELECT first_name, last_name
74 FROM actors
75 WHERE last_name like 'M%'
76 AND date_of_birth BETWEEN '1940-01-01' AND '1969-12-31'
77
78 SELECT first_name, last_name
79 FROM directors
80 WHERE nationality
81 IN ('British', 'French', 'German')
82 AND date_of_birth
83 BETWEEN '1950-01-01' AND '1980-12-31'
```

Data Output Explain Messages Notifications

	movie_name character varying (50)	movie_lang character varying (20)
29	The Darjeeling Limited	English
30	The Fifth Element	English
31	The Shining	English
32	The Sound of Music	English
33	The Wizard of Oz	English
34	There Will Be Blood	English
35	Three Billboards Outside Ebbing, Missouri	English
36	Titanic	English
37	Top Gun	English
38	Toy Story	English
39	V for Vendetta	English
40	Watchmen	English

✓ Successfully run. Total query runtime: 101 msec. 40 rows affected.

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Query EditorQuery HistoryScratch Pad

67-- In class assignment6869SELECT movie_name, movie_lang70FROM movies71WHERE movie_lang IN ('English','Spanish','Korean')7273SELECT first_name, last_name74FROM actors75WHERE last_name like 'M%'76AND date_of_birth BETWEEN '1940-01-01' AND '1969-12-31'7778SELECT first_name, last_name79FROM directors80WHERE nationality81IN ('British','French','German')82AND date_of_birth83BETWEEN '1950-01-01' AND '1980-12-31'

Data OutputExplainMessagesNotifications

	first_name	last_name
	character varying (30)	character varying (30)
1	Francis	McDormand
2	Malcolm	McDowell
3	Alfred	Molina
4	Cathy	Moriarty
5	Ulrich	Muhe
6	Bill	Murray

Successfully run. Total query runtime: 88 msec. 6 rows affected.

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Query EditorQuery History

75WHERE last_name like 'M%'
76AND date_of_birth BETWEEN '1940-01-01' AND '1969-12-31'
77
78SELECT first_name, last_name
79FROM directors
80WHERE nationality
81IN ('British', 'French', 'German')
82AND date_of_birth
83BETWEEN '1950-01-01' AND '1980-12-31'
84
85-- Assignment
86-- Query 1
87SELECT *
88FROM directors
89WHERE nationality = 'American'
90ORDER BY date_of_birth
91

Scratch Pad

Data OutputExplainMessagesNotifications

	first_name character varying (30)	last_name character varying (30)
1	Richard	Ayoade
2	Luc	Besson
3	Florian	Henckel von Donnersmarck
4	Martin	McDonagh

Successfully run. Total query runtime: 92 msec. 4 rows affected.

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Query Editor Query History Scratch Pad

```
-- Query 1
86 SELECT *
87 FROM directors
88 WHERE nationality = 'American'
89 ORDER BY date_of_birth
90
91
92 -- Query 2
93 SELECT DISTINCT nationality
94 FROM directors
95
96 -- Query 3
97 SELECT first_name, last_name, date_of_birth
98 FROM actors
99 WHERE gender = 'F'
100 ORDER BY date_of_birth DESC
101 LIMIT 10
102
```

Data Output Explain Messages Notifications

	director_id [PK] integer	first_name character varying (30)	last_name character varying (30)	date_of_birth date	nationality character varying (20)
6	17	George	Lucas	1944-05-14	American
7	31	Steven	Spielberg	1946-12-18	American
8	36	Robert	Zemeckis	1952-05-14	American
9	6	James	Cameron	1954-08-16	American
10	14	John	Lasseter	1957-01-12	American
11	25	Mark	Romanek	1959-09-18	American
12	24	Sam	Raimi	1959-10-23	American
13	33	Quentin	Tarantino	1963-03-27	American
14	29	Zack	Snyder	1966-03-01	American
15	3	Wes	Anderson	1969-05-01	American
16	2	Paul	Anderson	1970-06-26	American

✓ Successfully run. Total query runtime: 101 msec. 16 rows affected.

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Query Editor Query History Scratch Pad

```
86 -- Query 1
87 SELECT *
88 FROM directors
89 WHERE nationality = 'American'
90 ORDER BY date_of_birth
91
92 -- Query 2
93 SELECT DISTINCT nationality
94 FROM directors
95
96 -- Query 3
97 SELECT first_name, last_name, date_of_birth
98 FROM actors
99 WHERE gender = 'F'
100 ORDER BY date_of_birth DESC
101 LIMIT 10
102
```

Data Output Explain Messages Notifications

	nationality	
	character varying (20)	
1	Chinese	
2	American	
3	Japanese	
4	Australian	
5	German	
6	Mexican	
7	Brazilian	
8	French	
9	British	
10	Swedish	
11	South Korean	

✓ Successfully run. Total query runtime: 167 msec. 11 rows affected.

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Query Editor Query History Scratch Pad

```
90 ORDER BY date_of_birth
91
92 -- Query 2
93 SELECT DISTINCT nationality
94 FROM directors
95
96 -- Query 3
97 SELECT first_name, last_name, date_of_birth
98 FROM actors
99 WHERE gender = 'F'
100 ORDER BY date_of_birth DESC
101 LIMIT 10
102
103
104
105
106
```

Data Output Explain Messages Notifications

	first_name character varying (30)	last_name character varying (30)	date_of_birth date
1	Lina	Leandersson	1995-09-27
2	Ivana	Baquero	1994-06-11
3	Saoirse	Ronan	1994-04-12
4	Yasmin	Paige	1991-06-24
5	Rumi	Hiragi	1987-08-01
6	Aki	Maeda	1985-07-11
7	Carey	Mulligan	1985-05-28
8	Keira	Knightley	1985-03-26
9	Jin-seo	Yoon	1983-08-05
10	Alice	Braga	1983-04-15

✓ Successfully run. Total query runtime: 116 msec. 10 rows affected.