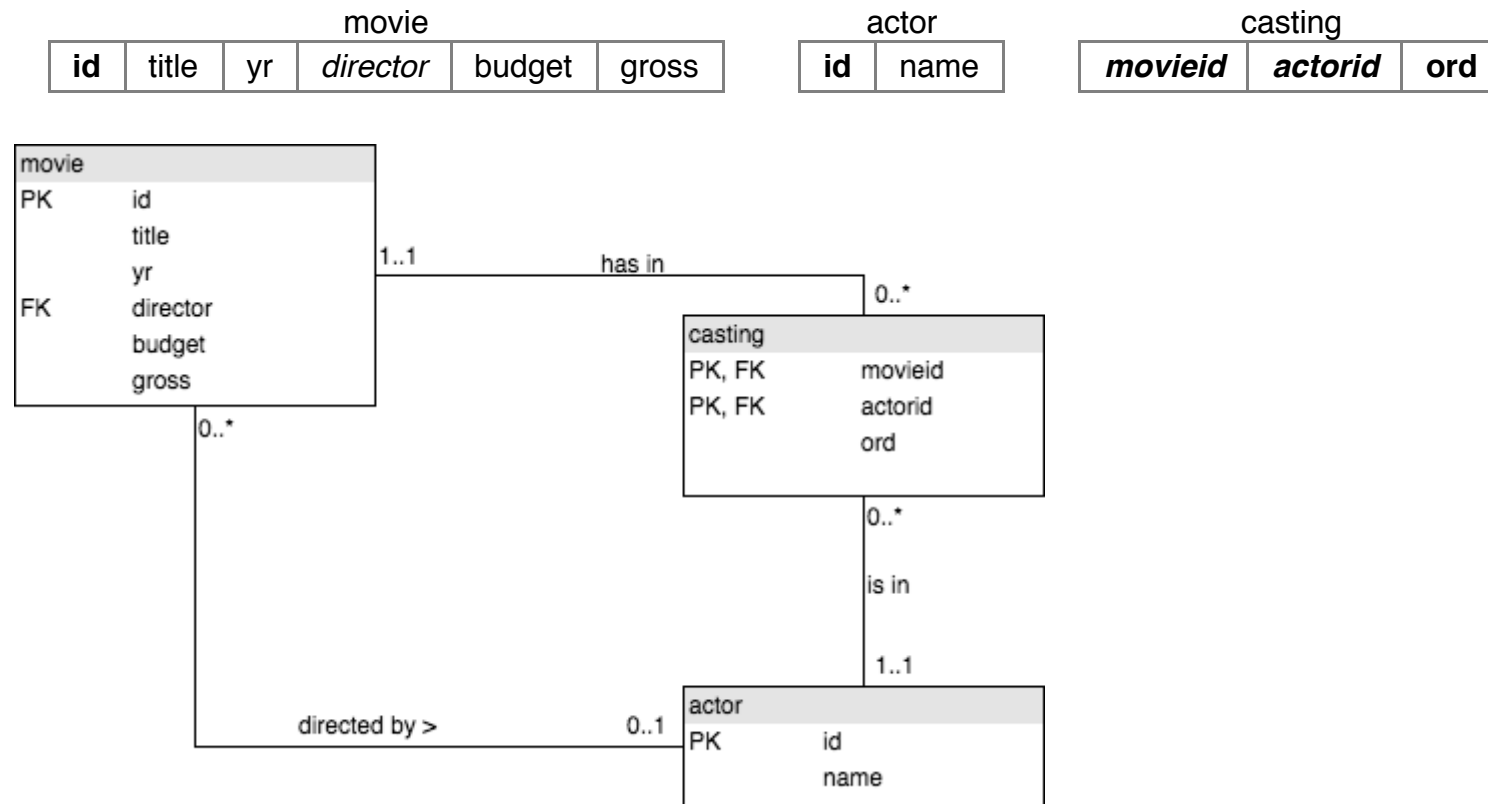


# More JOIN operations

Language: **English** · 日本語 · 中文

This tutorial introduces the notion of a join. The database consists of three tables `movie`, `actor` and `casting`.



[More details about the database.](#)

## Summary

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## 1962 movies

---

### 1.

List the films where the **yr** is 1962 [Show **id**, **title**]

```
SELECT id, title FROM movie WHERE yr = 1962;
```

Submit SQL

Restore default

## Correct answer

id	title
10212	A Kind of Loving
10329	A Symposium on Popular Songs
10347	A Very Private Affair (Vie PrivÃ©e)
10648	An Autumn Afternoon
10868	Atraco a las tres
11006	Barabbas
11053	Battle Beyond the Sun (Ð ÐµÐ±Ð³¼ Ð·Ð³¼Ð²ÐµÑ,)
11199	Big and Little Wong Tin Bar
11230	Billy Budd

## When was Citizen Kane released?

---

2.

Give year of 'Citizen Kane'.

```
SELECT yr FROM movie WHERE title = 'Citizen Kane';
```

Submit SQLRestore default

## Correct answer

yr
1941

## Star Trek movies

---

# 3.

List all of the Star Trek movies, include the **id**, **title** and **yr** (all of these movies include the words Star Trek in the title). Order results by year.

```
SELECT id, title, yr FROM movie
WHERE title LIKE '%Star Trek%' ORDER BY yr;
```

Submit SQLRestore default

## Correct answer

id	title	yr
17772	Star Trek: The Motion Picture	1979
17775	Star Trek II: The Wrath of Khan	1982
17776	Star Trek III: The Search for Spock	1984
17777	Star Trek IV: The Voyage Home	1986
17779	Star Trek V: The Final Frontier	1989
17780	Star Trek VI: The Undiscovered Country	1991
17774	Star Trek Generations	1994
17770	Star Trek: First Contact	1996
17771	Star Trek: Insurrection	1998
17778	Star Trek Nemesis	2002
17773	Star Trek	2009

## id for actor Glenn Close

---

# 4.

What **id** number does the actor 'Glenn Close' have?

```
SELECT id FROM actor WHERE NAME = 'Glenn Close' ;
```

Submit SQLRestore default

## Correct answer

id
140

## id for Casablanca

---

# 5.

What is the **id** of the film 'Casablanca'

```
SELECT id FROM movie WHERE title = 'Casablanca';
```

Submit SQL

Restore default

## Correct answer

id
11768

Get to the point

# Cast list for Casablanca

6.

Obtain the cast list for 'Casablanca'.

*what is a cast list?*

Use **movieid=11768**, (or whatever value you got from the previous question)

```
SELECT name FROM actor
JOIN casting ON id = actorid WHERE movieid = 11768;
```

Submit SQL

Restore default

Paul Henreid
Joy Page
S. Z. Sakall
Dooley Wilson
William Edmunds
Gregory Gaye
Torben Meyer
Georges Renavent
Jean Del Val
Louis V. Arco
Trude Berliner
Ilka Gr�nig
Richard Dyer



Richard Nyen
--------------

Hans Twardowski
-----------------

## Alien cast list

---

# 7.

Obtain the cast list for the film 'Alien'

```
SELECT name FROM actor
JOIN casting ON (actorid = actor.id)
JOIN movie ON movieid = movie.id
WHERE title = 'Alien';
```

Submit SQLRestore default

## Correct answer

name
John Hurt
Sigourney Weaver
Yaphet Kotto

Harry Dean Stanton
Ian Holm
Tom Skerritt
Veronica Cartwright

## Harrison Ford movies

# 8.

List the films in which 'Harrison Ford' has appeared

```
SELECT title FROM movie
JOIN casting ON (movieid = movie.id)
WHERE 'Harrison Ford' IN
(SELECT name FROM actor WHERE casting.actorid = actor.id AND name = 'Harrison Ford');
```

Submit SQLRestore default

Shadows
Six Days Seven Nights
Smilin' Through
Star Wars Episode IV: A New Hope
Star Wars Episode V: The Empire Strikes Back
Star Wars Episode VI: Return of the Jedi

Star Wars Episode VI: Return of the Jedi

The Conversation

The Devil's Own

The Fugitive

The Mosquito Coast

The Star Wars Holiday Special

What Lies Beneath

Witness

Working Girl

## Harrison Ford as a supporting actor

# 9.

List the films where 'Harrison Ford' has appeared - but not in the starring role. [Note: the **ord** field of casting gives the position of the actor. If ord=1 then this actor is in the starring role]

```
SELECT title FROM movie
JOIN casting ON movieid = movie.id WHERE 'Harrison Ford' IN (
SELECT name FROM actor WHERE casting.actorid = id AND NAME = 'Harrison Ford'
AND casting.ord != 1);
```

Submit SQLRestore default

## Correct answer

title
A Hundred and One Nights
American Graffiti
Apocalypse Now
Cowboys & Aliens
Dead Heat on a Merry-Go-Round
Extraordinary Measures
Force 10 From Navarone
Hawthorne of the U.S.A.
Jimmy Hollywood

## Lead actors in 1962 movies

---

# 10.

List the films together with the leading star for all 1962 films.

Restore default

## Busy years for Rock Hudson

# 11.

Which were the busiest years for 'Rock Hudson', show the year and the number of movies he made each year for any year in which he made more than 2 movies.

```
SELECT yr, Count(title) FROM movie
JOIN casting ON movieid = movie.id
JOIN actor ON actorid = actor.id
WHERE NAME = 'Rock Hudson' GROUP BY yr HAVING COUNT(title) > 2
```

Submit SQLRestore default

## Correct answer

yr	Count(title)
1953	5
1961	3

## Lead actor in Julie Andrews movies

# 12.

List the film title and the leading actor for all of the films 'Julie Andrews' played in.

*Did you get "Little Miss Marker twice"?*

```
SELECT title, name FROM movie
JOIN casting ON (movieid = movie.id AND ord = 1)
JOIN actor ON actorid = actor.id
WHERE movie.id IN
(SELECT movieid FROM casting WHERE actorid IN
(SELECT id FROM actor WHERE name = 'Julie Andrews'));
```

Submit SQL

Restore default

mj12



## Correct answer

title	name
10	Dudley Moore
Darling Lili	Julie Andrews
Despicable Me	Steve Carell
Duet for One	Julie Andrews
Hawaii	Julie Andrews
Little Miss Marker	Walter Matthau
Mary Poppins	Julie Andrews
Relative Values	Julie Andrews
S.O.B.	Julie Andrews
Shrek the Third	Mike Myers

## Actors with 15 leading roles

---

# 13.

Obtain a list, in alphabetical order, of actors who've had at least 15 **starring** roles.



```
SELECT name FROM actor
JOIN casting ON (actorid = actor.id AND
(SELECT COUNT(ord) FROM casting WHERE actor.id = actorid AND ord =1) > 14)
GROUP BY name;
```

[Submit SQL](#)[Restore default](#)

## Correct answer

name
Adam Sandler
Al Pacino
Anthony Hopkins
Antonio Banderas
Arnold Schwarzenegger
Barbara Stanwyck
Basil Rathbone
Ben Affleck
Bette Davis

# 14.

List the films released in the year 1978 ordered by the number of actors in the cast, then by title.

```
SELECT title, COUNT(actorid) AS actors FROM movie
JOIN casting ON id = movieid WHERE yr = '1978'
GROUP BY title ORDER BY actors DESC, title;
```

Submit SQLRestore default

## Correct answer

title	actors
The Bad News Bears Go to Japan	50
The Swarm	37
Grease	28
American Hot Wax	27
The Boys from Brazil	26
Heaven Can Wait	25
Big Wednesday	21
A Night Full of Rain	19
A Wedding	19

# 15.

List all the people who have worked with 'Art Garfunkel'.

```
SELECT name FROM actor JOIN casting on (actorid = actor.id)
WHERE movieid IN
(SELECT movieid FROM casting JOIN actor on (actorid = actor.id)
WHERE name = 'Art Garfunkel') AND name <> 'Art Garfunkel';
```

Submit SQLRestore default

## Correct answer

name
Mark Ruffalo
Ryan Phillippe
Mike Myers
Neve Campbell
Salma Hayek
Sela Ward
Breckin Meyer
Sherry Stringfield
Cameron Mathison

Clear your results

## JOIN Quiz 2

That is definitely enough. Students should, under no circumstances look at the next tutorial, concerning outer joins. ([http://sqlzoo.net/w/index.php/Using\\_Null](http://sqlzoo.net/w/index.php/Using_Null))

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Retrieved from "[http://sqlzoo.net/w/index.php?title=More\\_JOIN\\_operations&oldid=39741](http://sqlzoo.net/w/index.php?title=More_JOIN_operations&oldid=39741)"

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