

# More JOIN operations

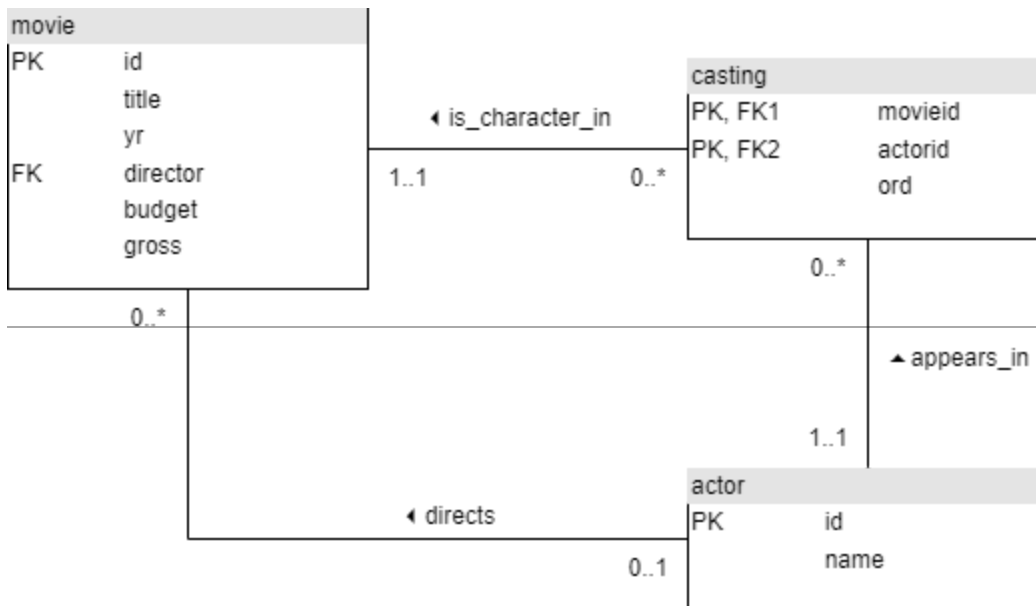
Language: [English](#) · [日本語](#) · [中文](#)

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

movie						actor	
id	title	yr	director	budget	gross	id	name

casting		
movieid	actorid	ord



[More details about the database.](#)

## Summary

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## 1962 movies

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1. 

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

## restore default

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



```
SELECT yr
from movie
where title = 'Citizen Kane';
```

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

## Correct answer

yr
1941

## Star Trek movies

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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 SQL](#)[restore default](#)

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

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4.



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

```
select id
from actor
where name = 'Glenn Close';
```

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

## Correct answer

id
140

## id for Casablanca

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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 casting  
join actor on id = actorid  
where movieid = 11768;
```

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

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 Ryen
Hans Twardowski

## Alien cast list

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7. 

Obtain the cast list for the film 'Alien'



```
select a.name  
from casting c  
join movie m on c.movieid = m.id  
join actor a on a.id = c.actorid  
where m.title = 'Alien';
```

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

## Correct answer

name
John Hurt
Sigourney Weaver
Yaphet Kotto
Harry Dean Stanton
Ian Holm
Tom Skerritt
Veronica Cartwright

## Harrison Ford movies

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8. 

List the films in which 'Harrison Ford' has appeared

```
Select title  
from movie m  
join casting c on c.movieid = m.id  
join actor a on a.id = c.actorid  
where a.name = 'Harrison Ford';
```

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

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
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 m
join casting c on c.movieid = m.id
join actor a on a.id = c.actorid
where a.name = 'Harrison Ford'
and c.ord <> 1;
```

[Submit SQL](#)[restore 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

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10. 😊

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

```
restore default
```

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

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

## Correct answer

yr	COUNT(title)
1953	5
1961	3

## Lead actor in Julie Andrews movies

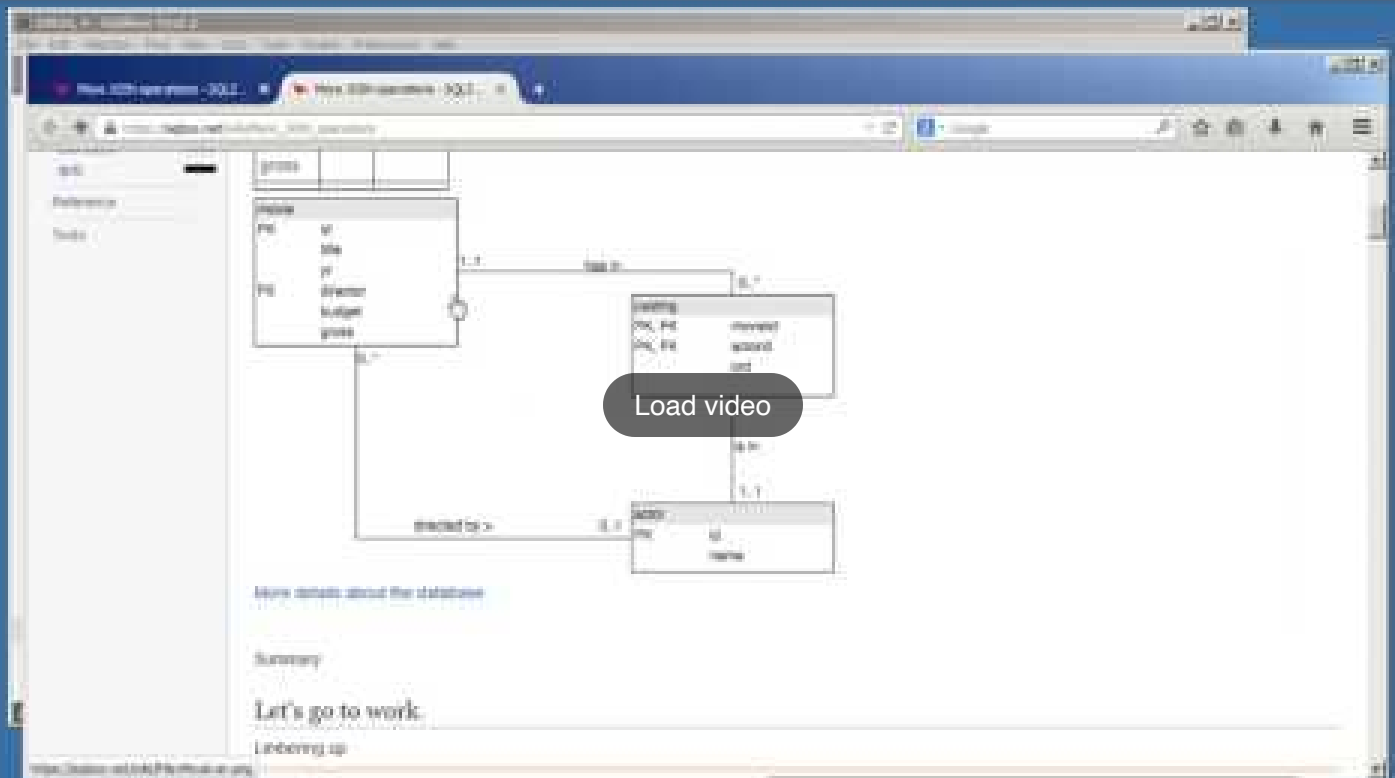
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12. 😊

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

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

mj12



YouTube

```

SELECT distinct m.title, a.name
FROM casting c
JOIN movie m on m.id = c.movieid
JOIN casting ca on ca.movieid = m.id
JOIN actor a on a.id = ca.actorid
WHERE c.actorid IN (
    SELECT id FROM actor
    WHERE name='Julie Andrews')
and ca.ord = 1;

```

Submit SQL

restore default

Thoroughly Modern Millie	Julie Andrews
Tooth Fairy	Dwayne Johnson
Torn Curtain	Paul Newman
Victor Victoria	Julie Andrews

## Actors with 15 leading roles

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13. 😊

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

```
select a.name
from actor a
join casting c on c.actorid = a.id
where c.ord = 1
group by a.name
having count(a.name) >= 15
order 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

## released in the year 1978

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14. 😊

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



```
select m.title, count(*)
from movie m
join casting c on c.movieid = m.id
where m.yr = 1978
group by m.title
order by 2 desc, 1
```

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

## Correct answer

title	count(*)
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

## with 'Art Garfunkel'

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15. 😊

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

```
from actor a
join casting c on c.actorid = a.id
join movie m on m.id = c.movieid
where m.id IN (Select m.id
from casting c
join actor a on a.id = c.actorid
join movie m on m.id = c.movieid
where a.name = 'Art Garfunkel')
and a.name <> 'Art Garfunkel';
```

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

Veronica Webb

Peter Bogdanovich

Beverly Johnson

Bruce Jay Friedman

Lorna Luft

Valerie Perrine

Stars on 54

Julian Sands

Bill Paxton

Sherilyn Fenn

Kurtwood Smith

Harris Yulin

Robert DoQui

[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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