



JAVA

ANDROID

JUEGOS

SQL

HTML

CONCEPTOS



English Version

SQL con MYSQL

Instalar MYSQL

Clientes SQL y Esquemas

Crear y modificar tablas

SQL - DDL y DML - SELECT

SQL - JOIN

SQL - INSERT

SQL - UPDATE SET

SQL - DELETE y TRUNCATE

SQL - Funciones

SQL - Subselects

SQL - Count y Group By

SQL - AND ,OR

SQL - SELECT DISTINCT

SQL - LIKE

SQL - BETWEEN

SQL - UNION

SQL - CREATE INDEX

Video Tutorial 5 SQL. Instrucciones SQL JOIN con Mysql Workbench

SQL JOIN se utiliza para combinar registros de dos o más tablas.

Select join con mysql workbench. Video Tutorial ...



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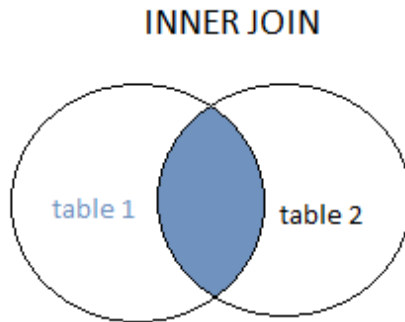
Copias de Linux, Windows y Mac**SQL JOIN**

```
SELECT column_name(s)
FROM table1
INNER JOIN table2
ON table1.column_name=table2.column_name;
```

ó

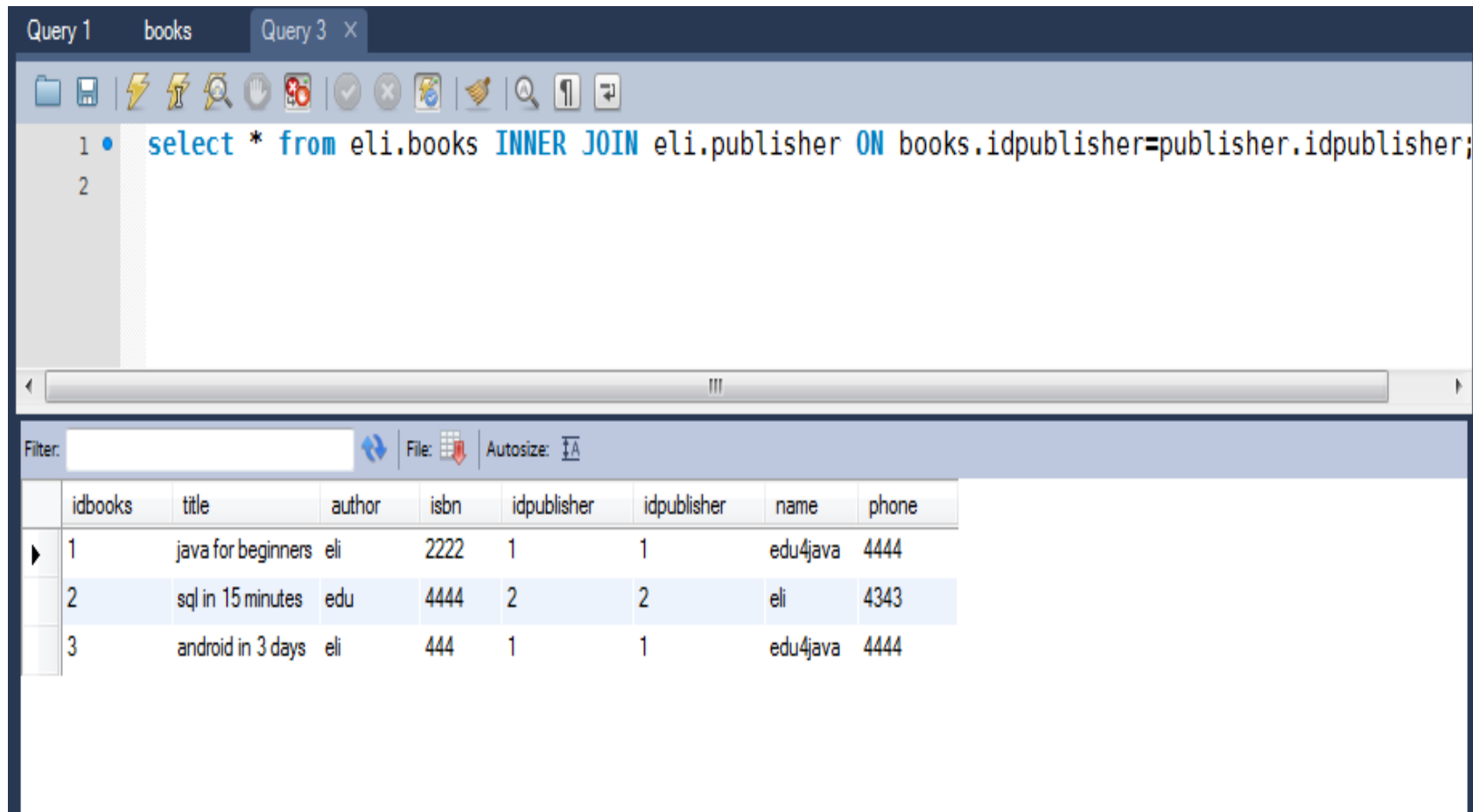
```
SELECT column_name(s)
FROM table1
JOIN table2
ON table1.column_name=table2.column_name;
```

INNER JOIN es lo mismo que JOIN.



Ejemplo INNER JOIN

En nuestro ejemplo combinamos todos los registros de las tablas "publisher" y "books" cuando se cumple con la condición `books.idpublisher=publisher.idpublisher`.



The screenshot shows the MySQL Workbench interface. At the top, there are tabs for 'Query 1', 'books', and 'Query 3'. The 'Query 3' tab is active. Below the tabs is a toolbar with various icons. The main area displays an SQL query:

```
1 • select * from eli.books INNER JOIN eli.publisher ON books.idpublisher=publisher.idpublisher;  
2
```

Below the query editor is a results pane. It has a 'Filter:' input field, a 'File:' icon, and an 'Autosize:' icon. The results are displayed in a table with the following columns: idbooks, title, author, isbn, idpublisher, idpublisher, name, and phone. The table contains three rows of data:

	idbooks	title	author	isbn	idpublisher	idpublisher	name	phone
▶	1	java for beginners	eli	2222	1	1	edu4java	4444
	2	sql in 15 minutes	edu	4444	2	2	eli	4343
	3	android in 3 days	eli	444	1	1	edu4java	4444

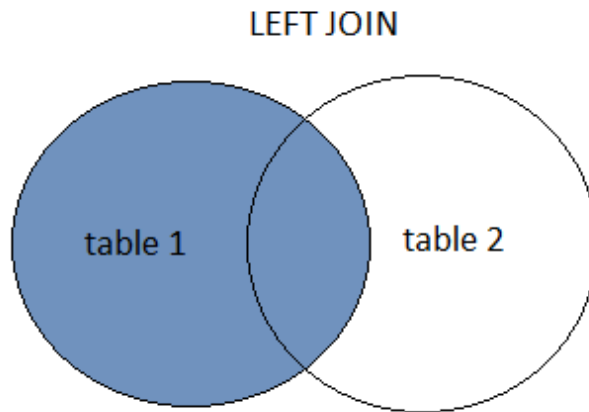
SQL LEFT JOIN

La cláusula LEFT JOIN devuelve todos los registros de la tabla de la izquierda (table1), con los correspondientes de la tabla de la derecha (table2). El resultado es NULL en la parte de la derecha cuando no hay registros que correspondan con la condición.



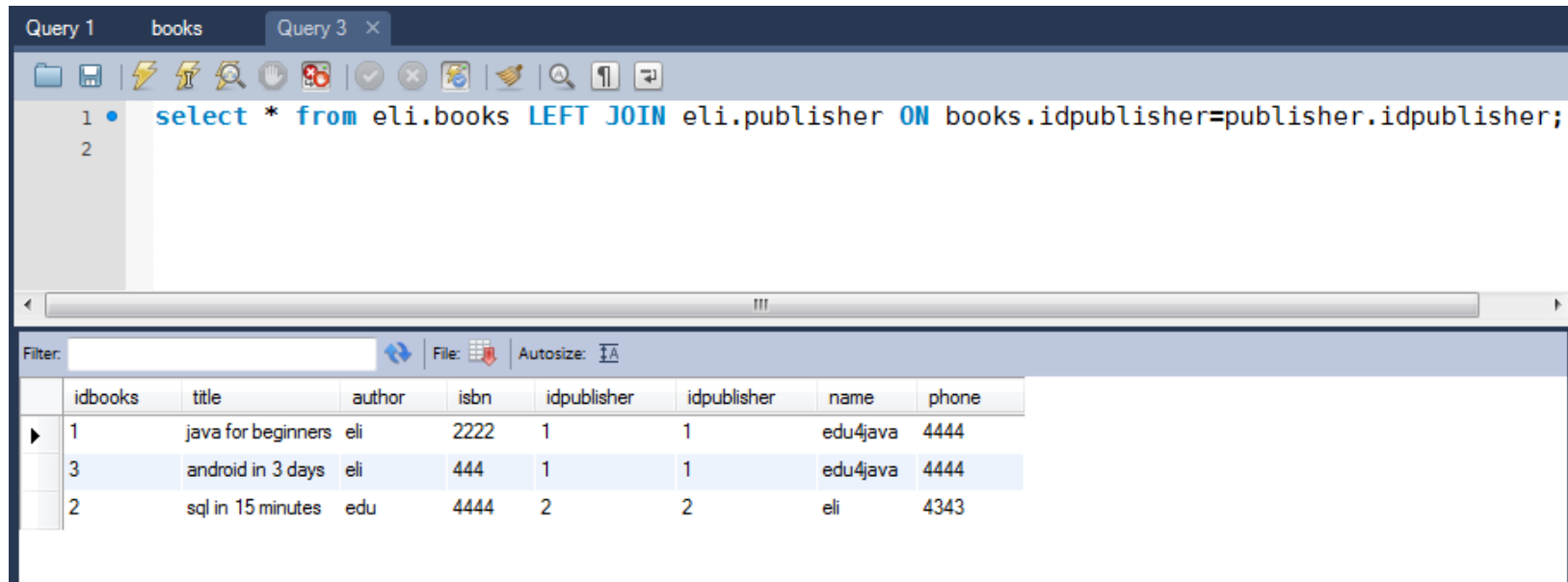
en algunas bases de datos LEFT JOIN es LEFT OUTER JOIN;

```
SELECT column_name(s)  
FROM table1  
LEFT OUTER JOIN table2  
ON table1.column_name=table2.column_name;
```



Ejemplo SQL LEFT JOIN





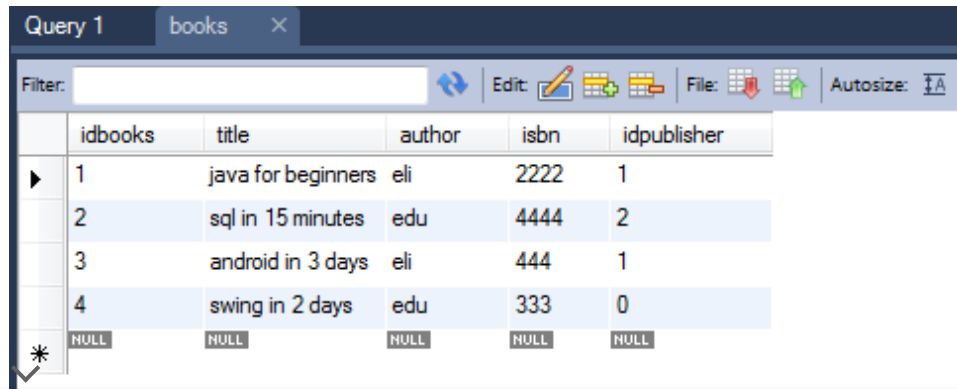
The screenshot shows the MySQL Workbench interface. At the top, there are tabs for 'Query 1', 'books', and 'Query 3'. The 'Query 3' tab is active, displaying the following SQL query:

```
1 • select * from eli.books LEFT JOIN eli.publisher ON books.idpublisher=publisher.idpublisher;  
2
```

Below the query editor, there is a results pane showing the output of the query. The results are displayed in a table with the following columns: idbooks, title, author, isbn, idpublisher, idpublisher, name, and phone. The data rows are:

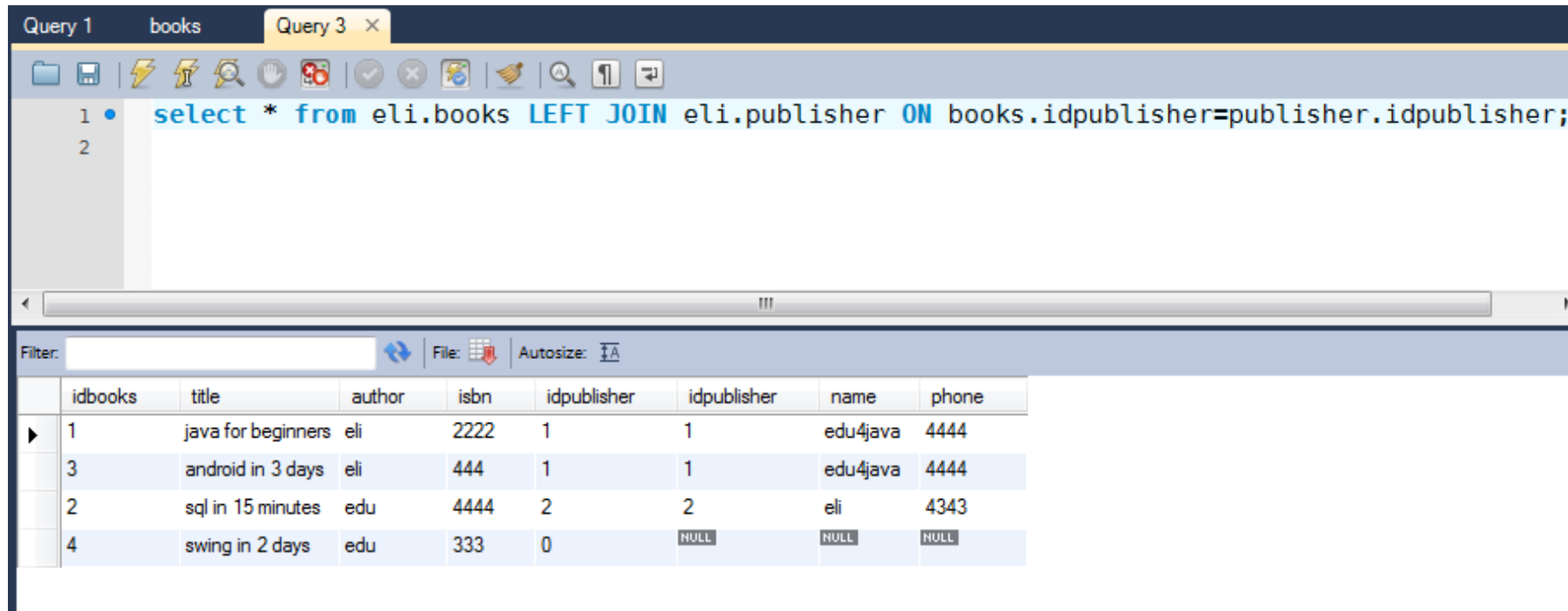
	idbooks	title	author	isbn	idpublisher	idpublisher	name	phone
▶	1	java for beginners	eli	2222	1	1	edu4java	4444
	3	android in 3 days	eli	444	1	1	edu4java	4444
	2	sql in 15 minutes	edu	4444	2	2	eli	4343

Aquí podemos ver que el resultado es el mismo que el INNER JOIN pero esto es porque todos los registros de "books" tienen un "idpublisher" que coincide con un "idpublisher" de la tabla "publisher". Si insertamos un nuevo registro en la tabla "books", con un "idpublisher" que no coincida con ningún "idpublisher" de la tabla "publisher" (idpublisher=0) entonces;



The screenshot shows the MySQL Workbench interface. At the top, there are tabs for 'Query 1', 'books', and 'Query 3'. The 'books' tab is active, displaying the following table:

	idbooks	title	author	isbn	idpublisher
▶	1	java for beginners	eli	2222	1
	2	sql in 15 minutes	edu	4444	2
	3	android in 3 days	eli	444	1
	4	swing in 2 days	edu	333	0
*	NULL	NULL	NULL	NULL	NULL



The screenshot shows the MySQL Workbench interface. At the top, there are tabs for 'Query 1', 'books', and 'Query 3'. The 'Query 3' tab is active, displaying the following SQL query:

```
select * from eli.books LEFT JOIN eli.publisher ON books.idpublisher=publisher.idpublisher;
```

Below the query editor, the results of the query are displayed in a table. The table has 9 columns: idbooks, title, author, isbn, idpublisher, idpublisher, name, and phone. The results are as follows:

	idbooks	title	author	isbn	idpublisher	idpublisher	name	phone
▶	1	java for beginners	eli	2222	1	1	edu4java	4444
	3	android in 3 days	eli	444	1	1	edu4java	4444
	2	sql in 15 minutes	edu	4444	2	2	eli	4343
	4	swing in 2 days	edu	333	0	NULL	NULL	NULL

Claúsula RIGHT JOIN

La instrucción RIGHT JOIN devuelve todos los registros de la tabla de la derecha (table2), y todos los registros correspondientes de la tabla de la izquierda (table1). El resultado será NULL cuando no haya registros correspondientes de la tabla de la izquierda.

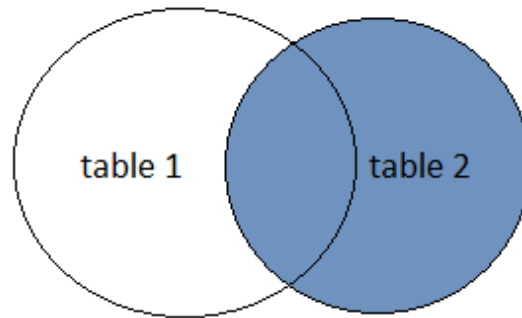
SQL RIGHT JOIN Syntax

```
SELECT column_name(s)
FROM table1
RIGHT JOIN table2
ON table1.column_name=table2.column_name;
```



```
ON table1.column_name=table2.column_name;
```

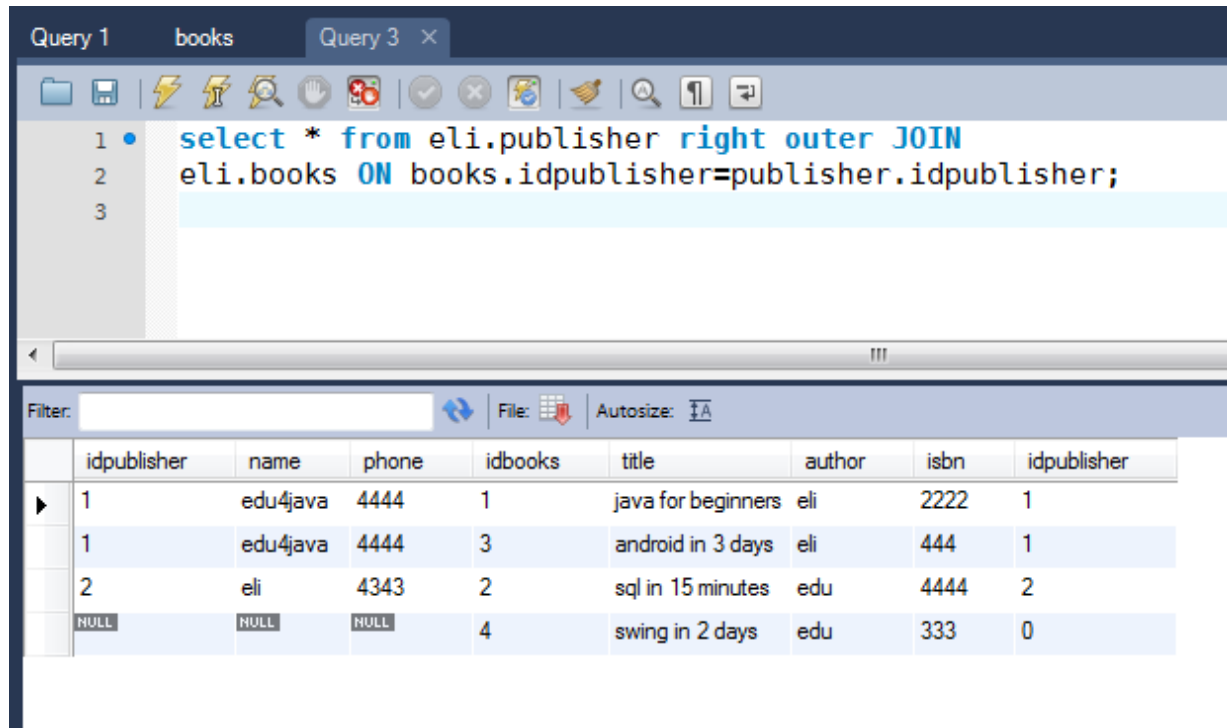
RIGHT JOIN



Ejemplo SQL RIGHT JOIN

Podemos cambiar en la consulta SQL, el orden de las tablas para que veamos que es lo mismo que el LEFT JOIN pero al revés:





The screenshot shows the MySQL Workbench interface. At the top, there are tabs for 'Query 1', 'books', and 'Query 3'. The 'Query 3' tab is active, displaying a SQL query in a text editor. Below the editor is a toolbar with various icons. The query is as follows:

```
1 • select * from eli.publisher right outer JOIN
2 eli.books ON books.idpublisher=publisher.idpublisher;
3
```

Below the query editor, there is a 'Filter:' field and a 'File:' dropdown. The results of the query are displayed in a table below the filter. The table has 9 columns: idpublisher, name, phone, idbooks, title, author, isbn, and idpublisher. The results are as follows:

	idpublisher	name	phone	idbooks	title	author	isbn	idpublisher
▶	1	edu4java	4444	1	java for beginners	eli	2222	1
	1	edu4java	4444	3	android in 3 days	eli	444	1
	2	eli	4343	2	sql in 15 minutes	edu	4444	2
	NULL	NULL	NULL	4	swing in 2 days	edu	333	0

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