

2.2

Joining More Than Two Tables

How to Join More than Two Tables

- To include more tables in the query, you simply add more additional **JOIN** clauses

Code Snippet:

```
1  USE world;
2  SELECT ci.name AS "City Name",
3         co.name AS "Country Name",
4         cl.language AS "Country Language"
5  FROM city ci
6       JOIN country co
7         ON ci.CountryCode = co.Code
8       JOIN country language cl
9         ON cl.CountryCode = ci.CountryCode;
```

Results:

books authors_books authors_books authors country

Limit to 1000 rows

```

1 • USE world;
2 • SELECT ci.name AS "City Name",
3       co.name AS "Country Name",
4       cl.language AS "Country Language"
5 FROM city ci
6      JOIN country co
7          ON ci.CountryCode = co.Code
8      JOIN countrylanguage cl
9          ON cl.CountryCode = ci.CountryCode;

```

Result Grid Filter Rows: Export: Wrap Cell C

	City Name	Country Name	Country Language
▶	Oranjestad	Aruba	Dutch
	Oranjestad	Aruba	English
	Oranjestad	Aruba	Papiamentu
	Oranjestad	Aruba	Spanish
	Kabul	Afghanistan	Balochi
	Kabul	Afghanistan	Dari

JOIN countrylanguage cl.

- The "cl" is the alias for countrylanguage.
- You can refer to tables already specified in a previous join.

ON cl.CountryCode = ci.CountryCode;

- The common column between the two tables being joined is the CountryCode column from the countrylanguage table and the CountryCode column from the city table.
- The "cl" alias previously defined for countrylanguage is used to specify the CountryCode column.



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