



MariaDB: IN Condition

This MariaDB tutorial explains how to use the MariaDB **IN condition** with syntax and examples.

Description

The MariaDB IN condition is used to help reduce the need to use multiple OR conditions in a SELECT, INSERT, UPDATE, or DELETE statement.

Syntax

The syntax for the IN condition in MariaDB is:

```
expression IN (value1, value2, .... value_n);
```

Parameters or Arguments

expression

A value to test.

value1, value2 ..., or value_n

The values to test against *expression*.

Note

- The MariaDB IN condition will return the records where *expression* is *value1, value2...*, or *value_n*.
- The MariaDB IN condition is also called the MariaDB IN operator.

Example - With Character

Let's look at an example of how to use the IN condition with character values in MariaDB.

For example:

```
SELECT *  
FROM sites  
WHERE site_name IN ('TechOnTheNet.com', 'CheckYourMath.com', 'BigActivities.com');
```

This MariaDB IN condition example would return all rows from the *sites* table where the *site_name* is either 'TechOnTheNet.com' or 'CheckYourMath.com'. Because the * is used in the SELECT, all fields from the *sites* table would appear in the result set.

The above IN example is equivalent to the following SELECT statement:

```
SELECT *
FROM sites
WHERE site_name = 'TechOnTheNet.com'
OR site_name = 'CheckYourMath.com'
OR site_name = 'BigActivities.com';
```

As you can see, using the MariaDB IN condition makes the statement easier to read and more efficient.

Example - With Numeric

Next, let's look at an example of how to use the IN condition with numeric values in MariaDB.

For example:

```
SELECT *
FROM sites
WHERE site_id IN (1, 2, 3, 99);
```

This MariaDB IN condition example would return all sites where the *site_id* is either 1, 2, 3, or 99.

The above IN example is equivalent to the following SELECT statement:

```
SELECT *
FROM sites
WHERE site_id = 1
OR site_id = 2
OR site_id = 3
OR site_id = 99;
```

Example - Using NOT operator

Finally, let's look at an example of how to use the IN condition with the NOT operator in MariaDB.

For example:

```
SELECT *
FROM sites
WHERE site_name NOT IN ('TechOnTheNet.com', 'CheckYourMath.com');
```

This MariaDB IN condition example would return all rows from the *sites* table where the *site_name* is not 'TechOnTheNet.com' or 'CheckYourMath.com'. Sometimes, it is more efficient to list the values that you do not want, as opposed to the values that you do want.

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