



MariaDB: IS NULL Condition

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

Description

The MariaDB IS NULL condition is used to test for a NULL value in a SELECT, INSERT, UPDATE, or DELETE statement.

Syntax

The syntax for the IS NULL condition in MariaDB is:

```
expression IS NULL
```

Parameters or Arguments

expression

The value to test whether it is a NULL value.

Note

- If *expression* is a NULL value, the condition evaluates to TRUE.
- If *expression* is not a NULL value, the condition evaluates to FALSE.
- See also the [IS NOT NULL condition](#) in MariaDB.

Example - With SELECT Statement

Let's look at an example of how to use the IS NULL condition in a SELECT statement in MariaDB.

For example:

```
SELECT *  
FROM sites  
WHERE site_name IS NULL;
```

This MariaDB IS NULL example will return all records from the *sites* table where the *site_name* contains a NULL value.

Example - With INSERT Statement

Next, let's look at an example of how to use the IS NULL condition in an INSERT statement in MariaDB.

For example:

```
INSERT INTO contacts
(contact_id, contact_name)
SELECT site_id, site_name
FROM sites
WHERE site_name = 'TechOnTheNet.com'
AND server_name IS NULL;
```

This MariaDB IS NULL example will insert records into the *sites* table where the *site_name* is 'TechOnTheNet.com' and the *server_name* contains a NULL value.

Example - With UPDATE Statement

Next, let's look at an example of how to use the IS NULL condition in an UPDATE statement in MariaDB.

For example:

```
UPDATE sites
SET site_name = 'TechOnTheNet.com'
WHERE site_name IS NULL;
```

This IS NULL condition example will update records in the *sites* table where the *site_name* contains a NULL value.

Example - With DELETE Statement

Next, let's look at an example of how to use the IS NULL condition in a DELETE statement in MariaDB.

For example:

```
DELETE FROM sites
WHERE server_name IS NULL;
```

This IS NULL example will delete all records from the *sites* table where the *server_name* contains a NULL value.

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