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MySQL CASE Statement

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The MySQL CASE Statement

The **CASE** statement goes through conditions and returns a value when the first condition is met (like an if-then-else statement). So, once a condition is true, it will stop reading and return the result. If no conditions are true, it returns the value in the **ELSE** clause.

If there is no **ELSE** part and no conditions are true, it returns NULL.

CASE Syntax

```
CASE
  WHEN condition1 THEN result1
  WHEN condition2 THEN result2
  WHEN conditionN THEN resultN
  ELSE result
END;
```

Demo Database

Below is a selection from the "OrderDetails" table in the Northwind sample database:

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2	10248	42	10
3	10248	72	5
4	10249	14	9
5	10249	51	40

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MySQL CASE Examples

The following SQL goes through conditions and returns a value when the first condition is met:




Example


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```
SELECT OrderID, Quantity,
CASE
  WHEN Quantity > 30 THEN 'The quantity is greater than 30'
  WHEN Quantity = 30 THEN 'The quantity is 30'
  ELSE 'The quantity is under 30'
END AS QuantityText
FROM OrderDetails;
```

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The following SQL will order the customers by City. However, if City is NULL, then order by Country:


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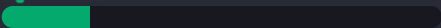
```
FROM Customers
ORDER BY
(CASE
  WHEN City IS NULL THEN Country
  ELSE City
END);
```

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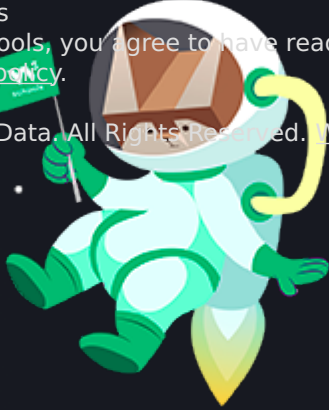
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