prepare

mysqli::prepare

mysqli_prepare

Prepares an SQL statement for execution

ENTITY

ENTITY

public

mysqli_stmt

false

mysqli::prepare

string

query

ENTITY

mysqli_stmt

false

mysqli_prepare

mysqli

mysql

string

query

Prepares the SQL query, and returns a statement handle to be used for further operations on the statement. The query must consist of a single SQL statement.

The statement template can contain zero or more question mark (`?`) parameter markers—also called placeholders. The parameter markers must be bound to application variables using `mysqli_stmt_bind_param` before executing the statement.

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`query`
The query, as a string. It must consist of a single SQL statement.

The SQL statement may contain zero or more parameter markers represented by question mark (`?`) characters at the appropriate positions.

> The markers are legal only in certain places in SQL statements. For example, they are permitted in the `VALUES()` list of an `INSERT` statement (to specify column values for a row), or in a comparison with a column in a `WHERE` clause to specify a comparison value. However, they are not permitted for identifiers (such as table or column names).

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`mysqli_prepare` returns a statement object or ENTITY if an error occurred.

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mysqli::prepare example

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```
<?php

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);
$mysqli = new mysqli("localhost", "my_user", "my_password", "world");
```

```
$city = "Amersfoort";

/* create a prepared statement */
$stmt = $mysqli->prepare("SELECT District FROM City WHERE Name=?");

/* bind parameters for markers */
$stmt->bind_param("s", $city);

/* execute query */
$stmt->execute();

/* bind result variables */
$stmt->bind_result($district);

/* fetch value */
$stmt->fetch();

printf("%s is in district %s\n", $city, $district);
```

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```
<?php

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);
$link = mysqli_connect("localhost", "my_user", "my_password", "world");

$city = "Amersfoort";

/* create a prepared statement */
$stmt = mysqli_prepare($link, "SELECT District FROM City WHERE Name=?");

/* bind parameters for markers */
mysqli_stmt_bind_param($stmt, "s", $city);

/* execute query */
mysqli_stmt_execute($stmt);
```

```
/* bind result variables */
mysqli_stmt_bind_result($stmt, $district);

/* fetch value */
mysqli_stmt_fetch($stmt);

printf("%s is in district %s\n", $city, $district);
```

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```
Amersfoort is in district Utrecht
```

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`mysqli_stmt_execute`, `mysqli_stmt_fetch`, `mysqli_stmt_bind_param`, `mysqli_stmt_bind_result`, `mysqli_stmt_get_result`, `mysqli_stmt_close`

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