real-connect

mysqli::real_connect

mysqli_real_connect

Opens a connection to the MySQL server

ENTITY

ENTITY

public

bool

mysqli::real_connect

string

null

hostname

ENTITY

string

null

username

ENTITY

#[\SensitiveParameter]

string

null

password

ENTITY

string

null

database

ENTITY

int

null

port

ENTITY

string

null

socket

ENTITY

int

flags

0

ENTITY

bool

mysqli_real_connect

mysqli

mysql

string

null

hostname

ENTITY

string

null

username

ENTITY

#[\SensitiveParameter]

string

null

password

ENTITY

string

null

database

ENTITY

int

null

port

ENTITY

string

null

socket

ENTITY

int

flags

0

Opens a connection to the MySQL database server with optional connection options.

This function differs from `mysqli_connect`:

- `mysqli_real_connect` needs a valid object which has to be created by `mysqli_init`.
- There is a `flags` parameter.

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`hostname`
Can be either a host name or an IP address. When passing ENTITY, the value is retrieved from mysqli.default_host. When possible, pipes will be used instead of the TCP/IP protocol. The TCP/IP protocol is used if a host name and port number are provided together e.g. `localhost:3308`.

`username`
The MySQL username or ENTITY to assume the username based on the mysqli.default_user ini option.

`password`
The MySQL password or ENTITY to assume the password based on the mysqli.default_pw ini option.

`database`
The default database to be used when performing queries or ENTITY.

`port`
The port number to attempt to connect to the MySQL server or ENTITY to assume the port based on the mysqli.default_port ini option.

`socket`
The socket or named pipe that should be used or ENTITY to assume the socket based on the mysqli.default_socket ini option.

> Specifying the `socket` parameter will not explicitly determine the type of connection to be used when connecting to the MySQL server. How the connection is made to the MySQL database is determined by the `hostname` parameter.

`flags`

With the parameter `flags` you can set different connection options:

Name	Description
`MYSQLI_CLIENT_COMPRESS`	Use compression protocol
`MYSQLI_CLIENT_FOUND_ROWS`	Return the number of matched rows, not the number of affected rows
`MYSQLI_CLIENT_IGNORE_SPACE`	Allow spaces after function names. Makes all function names reserved words.
`MYSQLI_CLIENT_INTERACTIVE`	Allow `interactive_timeout` seconds (instead of `wait_timeout` seconds) of inactivity before closing the connection
`MYSQLI_CLIENT_SSL`	Use SSL (encryption)
`MYSQLI_CLIENT_SSL_DONT_VERIFY_SERVER_CERT`	Like `MYSQLI_CLIENT_SSL`, but disables validation of the provided SSL certificate. This is only for installations using MySQL Native Driver and MySQL 5.6 or later.

Supported flags {#mysqli.real-connect.flags}

> For security reasons the `MULTI_STATEMENT` flag is not supported in PHP. If you want to execute multiple queries use the `mysqli_multi_query` function.

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7.4.0	All parameters are now nullable.

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mysqli::real_connect example

ENTITY

```
<?php

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);
$mysqli = mysqli_init();

$mysqli->options(MYSQLI_INIT_COMMAND, 'SET AUTOCOMMIT = 0');
$mysqli->options(MYSQLI_OPT_CONNECT_TIMEOUT, 5);

$mysqli->real_connect('localhost', 'my_user', 'my_password', 'my_db', null, null,
MYSQLI_CLIENT_COMPRESS|MYSQLI_CLIENT_FOUND_ROWS);

echo 'Success... ' . $mysqli->host_info . "\n";
```

ENTITY when extending mysqli class

```
<?php

class foo_mysqli extends mysqli {
    public function __construct($host, $user, $pass, $db)
    {
        parent::__construct();

        parent::options(MYSQLI_INIT_COMMAND, 'SET AUTOCOMMIT = 0');
        parent::options(MYSQLI_OPT_CONNECT_TIMEOUT, 5);

        parent::real_connect($host, $user, $pass, $db, null, null,
MYSQLI_CLIENT_COMPRESS|MYSQLI_CLIENT_FOUND_ROWS);
    }
}

$db = new foo_mysqli('localhost', 'my_user', 'my_password', 'my_db');

echo 'Success... ' . $db->host_info . "\n";
```

ENTITY

```
<?php

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);
$link = mysqli_init();

mysqli_options($link, MYSQLI_INIT_COMMAND, 'SET AUTOCOMMIT = 0');
mysqli_options($link, MYSQLI_OPT_CONNECT_TIMEOUT, 5);

mysqli_real_connect($link, 'localhost', 'my_user', 'my_password', 'my_db', null, null,
MYSQLI_CLIENT_COMPRESS|MYSQLI_CLIENT_FOUND_ROWS);

echo 'Success... ' . mysqli_get_host_info($link) . "\n";
```

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```
Success... MySQL host info: localhost via TCP/IP
```

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`mysqli_connect`, `mysqli_init`, `mysqli_options`, `mysqli_ssl_set`, `mysqli_close`

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