

 免费电子书

学习

pdo

Free unaffiliated eBook created from
Stack Overflow contributors.

#pdo

.....	1
1: pdo	2
.....	2
Examples	2
.....	2
.....	2
PDO	2
PDO	2
.....	3
PDO	3
2: SQL	6
.....	6
Examples	6
.....	6
.....	7

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: [pdo](#)

It is an unofficial and free pdo ebook created for educational purposes. All the content is extracted from [Stack Overflow Documentation](#), which is written by many hardworking individuals at Stack Overflow. It is neither affiliated with Stack Overflow nor official pdo.

The content is released under Creative Commons BY-SA, and the list of contributors to each chapter are provided in the credits section at the end of this book. Images may be copyright of their respective owners unless otherwise specified. All trademarks and registered trademarks are the property of their respective company owners.

Use the content presented in this book at your own risk; it is not guaranteed to be correct nor accurate, please send your feedback and corrections to info@zzzprojects.com

1: pdo

pdo。

pdo。 pdo。

Examples

PDOPHP12MySQLMongoDBNoSQL。 PDO。

	PDO	MySQLi
	12	MySQLi
API	OOP	OOP +

PDO

。 PDO。

```
$connection = new PDO("mysql:host=localhost;dbname=myDatabase, username, password);
```

PDO

PDO database type **host = host ; dbname = database name root password ;**

PDO

```
// We use a array to hold the data about whats the :var is in normal $var
$params = array(
    ':username' => '$username',
    ':email' => $mail,
);
```

```
// Prepare the SQL and using named secure parameters ":username"
$stmt = $pdo->prepare('SELECT * FROM users WHERE username = :username AND email = :email');

// Execute the $stmt and send them to the $pdo->prepare
$stmt->execute($params);
```

SQL

PDO

[W3Schools](#)
[Tuts + Tutorial](#)

PDO

PDO :: `setAttribute()` `setAttribute()`

```
public bool PDO::setAttribute ( int $attribute , mixed $value )
```

PDO :: `ATTR_ERRMODE` `ATTR_ERRMODE`

- `PDO::ERRMODE_SILENT` `ATTR_ERRMODE_SILENT` `SQLPDO`; `PDO::ERRMODE_SILENT` `0`.
- `PDO::ERRMODE_WARNING` `E_WARNING` `SQLPDO`; `PDO::ERRMODE_WARNING` `1`.
- `PDO::ERRMODE_EXCEPTION` `SQLPDO`; `PDO::ERRMODE_EXCEPTION` `2`.

`ATTR_ERRMODE` `learn_project_db` `user_table` `SQL`

```
DROP DATABASE IF EXISTS `learn_project_db`;
CREATE DATABASE `learn_project_db`;
USE `learn_project_db`;
CREATE TABLE `user_table` (
  `user_email` varchar(50) PRIMARY KEY,
  `user_password` varchar(50) NOT NULL
);
INSERT INTO `user_table` (`user_email`, `user_password`) VALUES
('test1@example.com', '123'),
('test2@example.com', '1234'),
('test3@example.com', '12345');
```

`ATTR_ERRMODE` `SQL` `default.php` `PHP`

```
<?php
$server = "localhost";
$db_username = "root";
$db_password = "";
$db_name = "learn_project_db";
$conn = new PDO("mysql:host=$server;dbname=$db_name",$db_username,$db_password);
$sql_query = "SELECT * FROM wrong_user_table";
$stmt = $conn->prepare($sql_query);
$stmt->execute();
```

```

$result_set = $stmt->fetchAll();
var_dump($result_set);
/*Get the current error mode of PDO*/
$current_error_mode = $conn->getAttribute(PDO::ATTR_ERRMODE);
echo "<br>";
echo "Value of PDO::ATTR_ERRMODE: ".$current_error_mode;
?>

```

wrong_user_table ◦ ATTR_ERRMODE ◦ ◦ PDO::ATTR_ERRMODE **0** ◦

PDO::ERRMODE_WARNINGATTR_ERRMODE **SQL** ◦ warning.php **PHP**

```

<?php
$server = "localhost";
$db_username = "root";
$db_password = "";
$db_name = "learn_project_db";
$conn = new PDO("mysql:host=$server;dbname=$db_name",$db_username,$db_password);
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_WARNING);
$sql_query = "SELECT * FROM wrong_user_table";
$stmt = $conn->prepare($sql_query);
$stmt->execute();
$result_set = $stmt->fetchAll();
var_dump($result_set);
/*Get the current error mode of PDO*/
$current_error_mode = $conn->getAttribute(PDO::ATTR_ERRMODE);
echo "<br>";
echo "Value of PDO::ATTR_ERRMODE: ".$current_error_mode;
?>

```

warning.php

```

Warning: PDOStatement::execute(): SQLSTATE[42S02]: Base table or view not found: 1146 Table
'learn_project_db.wrong_user_table' doesn't exist in E:\xampp\htdocs\oop\db.php on line 10
array(0) { }
Value of PDO::ATTR_ERRMODE: 1

```

ATTR_ERRMODEPDO::ERRMODE_WARNING ◦ PDO::ATTR_ERRMODE **1** ◦

PDO::ERRMODE_EXCEPTIONATTR_ERRMODE **SQL** ◦ error.php **PHP**

```

<?php
$server = "localhost";
$db_username = "root";
$db_password = "";
$db_name = "learn_project_db";
$conn = new PDO("mysql:host=$server;dbname=$db_name",$db_username,$db_password);
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
$sql_query = "SELECT * FROM wrong_user_table";
$stmt = $conn->prepare($sql_query);
$stmt->execute();
$result_set = $stmt->fetchAll();
var_dump($result_set);
/*Get the current error mode of PDO*/
$current_error_mode = $conn->getAttribute(PDO::ATTR_ERRMODE);
echo "<br>";
echo "Value of PDO::ATTR_ERRMODE: ".$current_error_mode;

```

```
?>
```

error.php

```
Fatal error: Uncaught exception 'PDOException' with message 'SQLSTATE[42S02]: Base table or view not found: 1146 Table 'learn_project_db.wrong_user_table' doesn't exist' in E:\xampp\htdocs\oop\db.php:10 Stack trace: #0 E:\xampp\htdocs\oop\db.php(10): PDOStatement->execute() #1 {main} thrown in E:\xampp\htdocs\oop\db.php on line 10
```

PDO::ERRMODE_EXCEPTIONATTR_ERRMODEPDOException ◦ ◦ ◦ ATTR_ERRMODE**SQL**◦

[pdo](https://riptutorial.com/zh-CN/pdo/topic/4393/pdo) <https://riptutorial.com/zh-CN/pdo/topic/4393/pdo>

2: SQL

Preparedwild.

```
$query = "SELECT name, city FROM ? WHERE id = ? AND country = ?";
```

```
$query = "SELECT name, city FROM users WHERE id = ? AND country = ?";
```

Examples

```
// 1. Connect to the database (this example with MySQL)
$host = 'localhost';
$database = 'users';
$user = 'root';
$password = '';
$dsn = "mysql:host=$host;dbname=$database";
$pdo = new PDO($dsn, $user, $password);

// 2. Prepare your query

// 2.1 First way
$query_1 = "SELECT name, city FROM users WHERE id = ? AND country = ?";
$statement_1 = $pdo->prepare($query_1);

// 2.2 Second way
$query_2 = "SELECT name, city FROM users WHERE id = :id AND country = :country";
$statement_2 = $pdo->prepare($query_2);

// 3. Execute your query

// 3.1 With the first way
$statement_1->execute([1, 'US']);

// 3.2 With the second way
$statement_2->execute([
    ':id' => 1,
    ':country' => 'US'
]);

// 4. Fetch your data
$data_1 = $statement_1->fetchAll();
$data_2 = $statement_2->fetchAll();
```

SQL <https://riptutorial.com/zh-CN/pdo/topic/6511/sql>

S. No		Contributors
1	pdo	arsho , Community , hjpotter92 , Ilyas Mimouni , manian , TheCrazyProfessor , Your Common Sense
2	SQL	Anwar Nairi , Your Common Sense