Cheatography

MYSQLI prepared statements Cheat Sheet

by davidnunn1 via cheatography.com/133055/cs/27285/

INSERT, UPDATE, DELETE (multiple iterations)

```
$sql="INSERT INTO test_table (col_a, col_b)
VALUES(?,?)";
$stmt= $li nk- >pr epa re( $sql) or die(my sql -
i_e rro r($ link));
$stmt- >bi nd_ par am( " is", $a,$b) or die(my -
sql i_e rro r($ link));
for($a =0; $a< 10; $a++){
      $b= " bob ".$a;
      $st mt- >ex ecute() or die(my sql i_e rro -
r($ link));
      ech o($ stm t-> ins ert _id."<B R>");
      ech o($ stm t-> aff ect ed_ row s."< BR> ");
}
```

affected_rows shows number of rows added, updated or deleted. -1 if an error occurred

SELECT statements (multiple iterations)

```
$sql="SELECT * FROM test_table WHERE col_a=?";
$stmt= $li nk- >pr epa re( $sql) or die(my sql -
i_e rro r($ link));
$stmt- >bi nd_ par am( " i",$a) or die(my sql i_e -
rro r($ link));
for($a =0; $a< 10; $a++){
      $st mt- >ex ecute() or die(my sql i_e rro -
r($ link));
      $re s=$ stm t-> get _re sult();
      ech o($ stm t-> aff ect ed_ row s."< BR> ");
      ech o($ res ->n um_ row s."< BR> ");
      whi le( $ro w=$ res ->f etc h_a sso c()){
//returns results from query
     }
}
```

affected_rows (from $stmt), and num_rows (from $res) give the same results here.
Remember to get_result() after execute() prior to fetching the rows.

Single iteration queries (php 8.2+)

```
$sql= 'SELECT * FROM test_table WHERE col_a=? AND
col_b=?';
$result = $link- >ex ecu te_ que ry( $query,
[$a,$b]);
foreach ($result as $row) {
          pri nt_ r($ row);
}
```

introduced in php 8.2. Combines prepare and bind into a single query.

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