Cheatography

MySQLi Procedural functions Cheat Sheet
by Ajay Kumar B via cheatography.com/30523/cs/9107/

mysqli_connect()

Open a new connection to the MySQL server.

`mysqli_connect(host,username,password,dbname,port,socket);`

Returns an object representing the connection to the MySQL server

mysqli_close()

Close a previously opened database connection.

`mysqli_close(connection);`

Returns TRUE on success. FALSE on failure.

mysqli_query()

Perform queries against the database.

`mysqli_query(connection,query,resultmode);`

For successful SELECT, SHOW, DESCRIBE, or EXPLAIN queries it will return a mysqli_result object. For other successful queries it will return TRUE. FALSE on failure.

mysqli_select_db()

Change the default database for the connection.

`mysqli_select_db(connection,dbname);`

Returns TRUE on success. FALSE on failure.

mysqli_fetch_array()

Fetch a result row as a numeric array and as an associative array.

`mysqli_fetch_array(result,resulttype);`

Returns an array of strings that corresponds to the fetched row. NULL if there are no more rows in result-set.

mysqli_fetch_assoc()

Fetch a result row as an associative array.

`mysqli_fetch_assoc(result);`

Returns an associative array of strings representing the fetched row. NULL if there are no more rows in result-set.

mysqli_num_rows()

Return the number of rows in a result set.

`mysqli_num_rows(result);`

Returns the number of rows in the result set.

mysqli_connect_error()

Return an error description from the last connection error, if any.

`mysqli_connect_error();`

Returns a string that describes the error. NULL if no error occurred.

mysqli_error()

Return the last error description for the most recent function call, if any.

`mysqli_error(connection);`

Returns a string with the error description. "" if no error occurred.

mysqli_fetch_all()

Fetch all rows and return the result-set as an associative array.

`mysqli_fetch_all(result,resulttype);`

Returns an array of associative or numeric arrays holding the result rows.

Result type: Optional. Specifies what type of array that should be produced. Can be one of the following values:
MYSQLI_ASSOC
MYSQLI_NUM
MYSQLI_BOTH

mysqli_affected_rows()

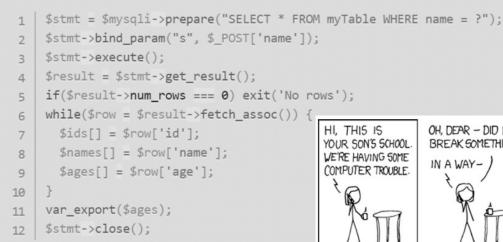Print out affected rows from different queries.

`mysqli_affected_rows(connection);`

An integer > 0 indicates the number of rows affected. 0 indicates that no

Prepared Statement for sanitizing user input
The four variable types allowed:
  i - Integer
  d - Double
  s - String
  b - Blob

```
1   $stmt = $mysqli->prepare("SELECT * FROM myTable WHERE name = ?");
2   $stmt->bind_param("s", $_POST['name']);
3   $stmt->execute();
4   $result = $stmt->get_result();
5   if($result->num_rows === 0) exit('No rows');
6   while($row = $result->fetch_assoc()) {
7     $ids[] = $row['id'];
8     $names[] = $row['name'];
9     $ages[] = $row['age'];
10  }
11  var_export($ages);
12  $stmt->close();
```

HI, THIS IS YOUR SON'S SCHOOL. WE'RE HAVING SOME COMPUTER TROUBLE.

OH, DEAR – DID HE BREAK SOMETHING?

IN A WAY –

DID YOU REALLY NAME YOUR SON Robert'); DROP TABLE Students;-- ?

OH, YES. LITTLE BOBBY TABLES, WE CALL HIM.

WELL, WE'VE LOST THIS YEAR'S STUDENT RECORDS. I HOPE YOU'RE HAPPY.

AND I HOPE YOU'VE LEARNED TO SANITIZE YOUR DATABASE INPUTS.