

# Datatables

mit <https://datatables.net/> hat man eine einfache Möglichkeit ein Datenbank Grid in PHP zu realisieren.

CDN zum Projekt: <https://cdn.datatables.net/>

[| create.php](#)

```
<?php
/*
 * erstellt die Testdatenbank
 */

$db_name = "database.db";
$db_table = "usertest";

$db = NEW SQLite3($db_name);
----
-- Table Struktur für user
----
$db-> EXEC("CREATE TABLE IF NOT EXISTS $db_table
(
    'id' INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL,
    'name' TEXT,
    'email' TEXT
)
");

----
-- Daten-Dump für user, insgesamt 12 Zeilen
----
$db-> EXEC("INSERT INTO $db_table ('id','name','email') VALUES
('1','Name1','test1@test.de'),
('2','Name2','test2@test.de'),
('3','Name3','test3@test.de'),
('4','Name4','test4@test.de'),
('5','Name5','test5@test.de'),
('6','Name6','test6@test.de'),
('7','Name7','test7@test.de'),
('8','Name8','test8@test.de'),
('9','Name9','test9@test.de'),
('10','Name10','test10@test.de'),
('11','Name11','test11@test.de'),
('12','Name12','test12@test.de')
");
```

[index.php](#)

```
<!DOCTYPE html>
<html lang="de">
<head>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.
min.css">
  <link rel="stylesheet"
href="https://cdn.datatables.net/1.10.21/css/dataTables.bootstrap4.min.
css" >
</head>

<body>
<div class="container">
  <h2>PHP - Jquery Datatables Example</h2>
  <table id="my-example" class='table table-bordered table-striped dt-
responsive nowrap' style='width:100%;'>
    <thead>
      <tr>
        <th>Id</th>
        <th>Name</th>
        <th>Email</th>
      </tr>
    </thead>
  </table>
</div>

<script type="text/javascript">
  $(document).ready(function() {
    $('#my-example').dataTable({
      "Processing": true,
      'ajax':{
        url:"load.php"
      },
      "Columns": [
        { Data: 'id' } ,
        { Data: 'name' },
        { Data: 'email' }
      ]
    });
  });
</script>

<script
src="https://cdn.datatables.net/1.10.21/js/jquery.dataTables.min.js"></
script>
<script
src="https://cdn.datatables.net/1.10.21/js/dataTables.bootstrap4.min.js
```

```
"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.mi
n.js"></script>
</body>
</html>
```

load.php

```
<?php
$db_name = "database.db";
$db_table = "usertest";
$db = new SQLite3($db_name);

$results = $db->query("SELECT * FROM $db_table");
while ($row = $results->fetchArray()) {
    $data[] = $row;
}

$results = [
    "sEcho" => 1,
    "iTotalRecords" => count($data),
    "iTotalDisplayRecords" => count($data),
    "aaData" => $data ];

echo json_encode($results);

?>
```

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