

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
 */
<?
/**
 * Datenbank / Tabelle erstellen
 */
$db_name = "database.db";           // Name der Datenbank
$db_table = "user";                 // Name der Tabelle

// erstelle Datenbank wenn nicht vorhanden
IF (!file_exists($db_name)) {
    $db = NEW SQLite3("$db_name", SQLITE3_OPEN_CREATE |
SQLITE3_OPEN_READWRITE);

    // Tabellen Struktur für 'user' anlegen
    $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 (Testdaten)
    $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')
    ");
```

```
echo "Testdatenbank erstellt";
} ELSE {
    echo "FEHLER: Datenbank $db_name existiert bereits.";
};
?>
```

[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),  
             "aData" => $data ];  
  
echo json_encode($results);  
  
?>
```

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Permanent link:
<https://wiki.hennweb.de/doku.php?id=programmieren:sqlite3:datatable&rev=1590503392>

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