

Autocomplete Mutiple

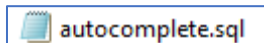
<http://www.smarttutorials.net/jquery-autocomplete-multiple-fields-using-ajax-php-mysql-example/>

Populate Mutiple Textbox with single auto-select Request

<input type="checkbox"/>	S. No	Country Name	Country Number	Country Phone code	Country code
<input type="checkbox"/>	1	UKRAINE	804	2	UKR

Datenbank:

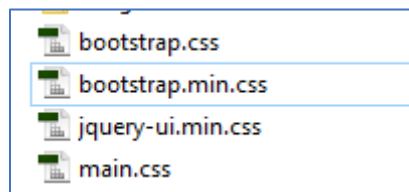
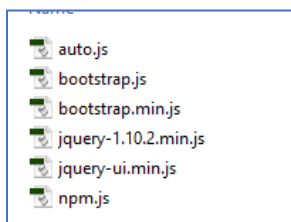
Importiere die SQL-Datei mit phpMyAdmin. Diese beinhaltet die Länder (countries) und alle Daten.



id	iso	name	nicename	iso3	numcode	phonecode
1	AF	AFGHANISTAN	Afghanistan	AFG	4	93
2	AL	ALBANIA	Albania	ALB	8	355
3	DZ	ALGERIA	Algeria	DZA	12	213

Inhalt:

Dateien, die eingebunden werden müssen:



```

<!DOCTYPE html> <html lang="de">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="Content-Type" content="text/html">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>autocomplete</title>
    <link rel="stylesheet" type="text/css" href="css/jquery-ui.min.css" />
    <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <script src="js/jquery-3.0.0.js"></script>
    <script src="js/jquery-ui.min.js"></script>
    <script src="js/bootstrap.js"></script>
  </head>

```

Ergebnis:



allgemein:

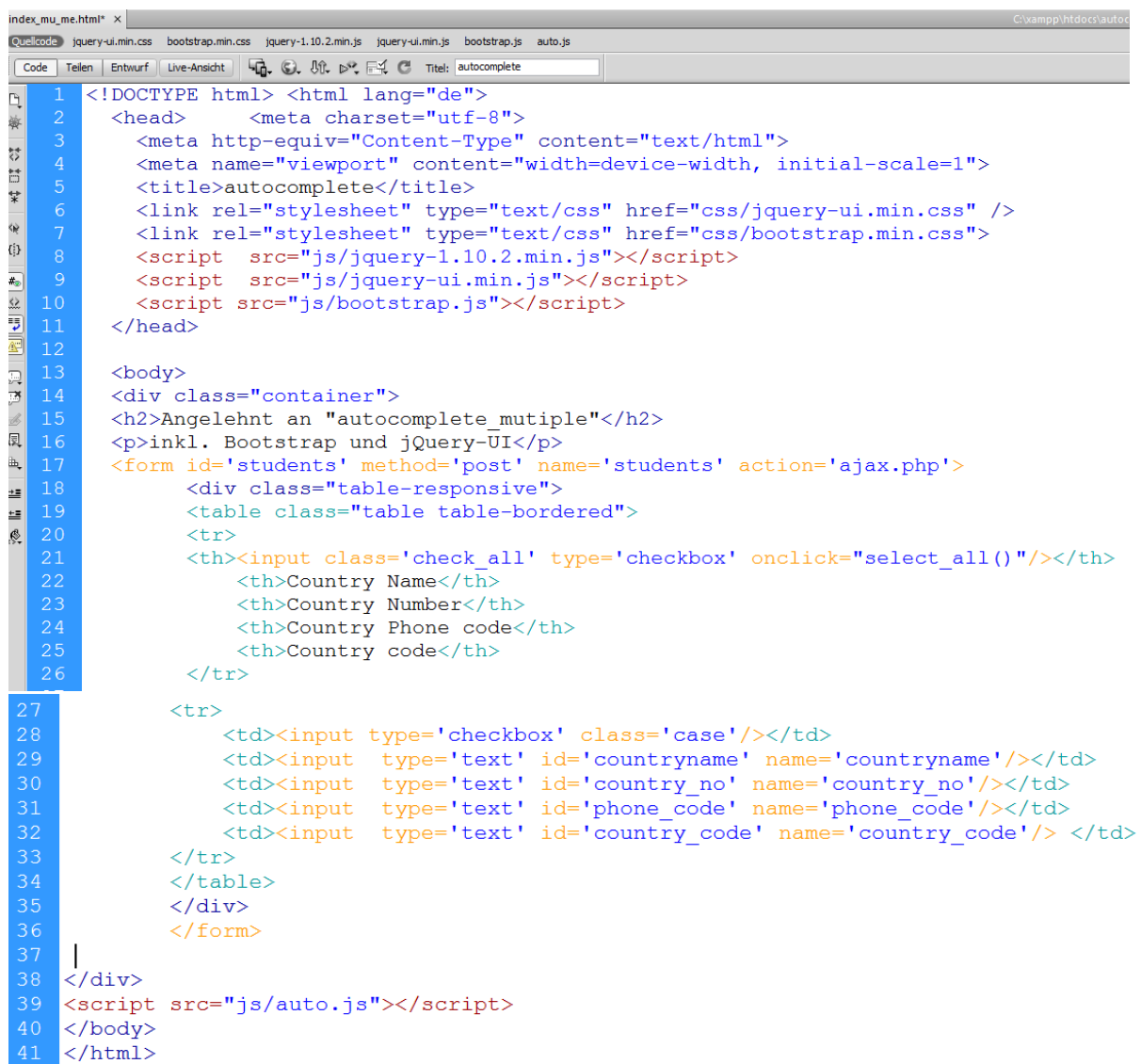
<http://www.smarttutorials.net/jquery-autocomplete-search-using-php-mysql-and-ajax/>

For every letter user types something on textbox, ajax request will sent to the Apache server. There Apache server will commuincate with MySQL database and fetch some data's based on the text users typed in the textbox. Finally Apache server sends the response to the ajax request sent by client, the response data will showed as suggestions to the users.

2a)HTML-Formular und Ajax

All we need is when user starts to search on country name textfield based on the search, we need to show autocomplete search results. For that we need select country name text field and implement autocomplete method on it.

index_mu_me.html:



```
1 <!DOCTYPE html> <html lang="de">
2 <head> <meta charset="utf-8">
3 <meta http-equiv="Content-Type" content="text/html">
4 <meta name="viewport" content="width=device-width, initial-scale=1">
5 <title>autocomplete</title>
6 <link rel="stylesheet" type="text/css" href="css/jquery-ui.min.css" />
7 <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
8 <script src="js/jquery-1.10.2.min.js"></script>
9 <script src="js/jquery-ui.min.js"></script>
10 <script src="js/bootstrap.js"></script>
11 </head>
12
13 <body>
14 <div class="container">
15 <h2>Angelehnt an "autocomplete_mutiple"</h2>
16 <p>inkl. Bootstrap und jQuery-UI</p>
17 <form id='students' method='post' name='students' action='ajax.php'>
18 <div class="table-responsive">
19 <table class="table table-bordered">
20 <tr>
21 <th><input class='check_all' type='checkbox' onclick="select_all()" /></th>
22 <th>Country Name</th>
23 <th>Country Number</th>
24 <th>Country Phone code</th>
25 <th>Country code</th>
26 </tr>
27
28 <tr>
29 <td><input type='checkbox' class='case' /></td>
30 <td><input type='text' id='countryname' name='countryname' /></td>
31 <td><input type='text' id='country_no' name='country_no' /></td>
32 <td><input type='text' id='phone_code' name='phone_code' /></td>
33 <td><input type='text' id='country_code' name='country_code' /> </td>
34 </tr>
35 </table>
36 </div>
37 </form>
38 </div>
39 <script src="js/auto.js"></script>
40 </body>
41 </html>
```

Der AJAX-Request wird in die in Zeile 39 sichtbare JavaScript-Datei „auto.js“ ausgelagert.

auto.js:

In Zeile 1 muss der Name des Inputfeldes abgefragt werden, in das man den Buchstaben eintippt (die Suche startet).

In Zeile 9 den Tabellennamen, aus dem das Fels der Abfrage (suche) stammt.

```

_mu_me.html* x auto.js* x
ide Teilen Entwurf Live-Ansicht
1 | $('#countryname').autocomplete({
2 |   source: function( request, response ) {
3 |     $.ajax({
4 |       url : 'ajax.php',
5 |       dataType: "json",
6 |       method: 'post',
7 |       data: {
8 |         name_startsWith: request.term,
9 |         type: 'country',
10 |         row_num : 1
11 |       },
12 |       success: function( data ) {
13 |         response( $.map( data, function( item ) {
14 |           var code = item.split("|");
15 |           return {
16 |             label: code[0],
17 |             value: code[0],
18 |             data : item
19 |           }
20 |         }));
21 |       }
22 |     });
23 |   },
24 |   autoFocus: true,
25 |   minLength: 0,
26 |   select: function( event, ui ) {
27 |     var names = ui.item.data.split("|");
28 |     id_arr = $(this).attr('id');
29 |     id = id_arr.split("_");
30 |     $('#country_no').val(names[1]);
31 |     $('#phone_code').val(names[2]);
32 |     $('#country_code').val(names[3]);
33 |   }
34 | });
35

```

Die „minLength = 0“ bedeutet, dass bereits bei dem Eintippen von einem Buchstaben oder dem Leerzeichen bereits eine Ajax-Request erstellt wird und die Resultate angezeigt werden. Man kann die „minLength“ aber jederzeit anpassen auf z.B. 2 oder 3.

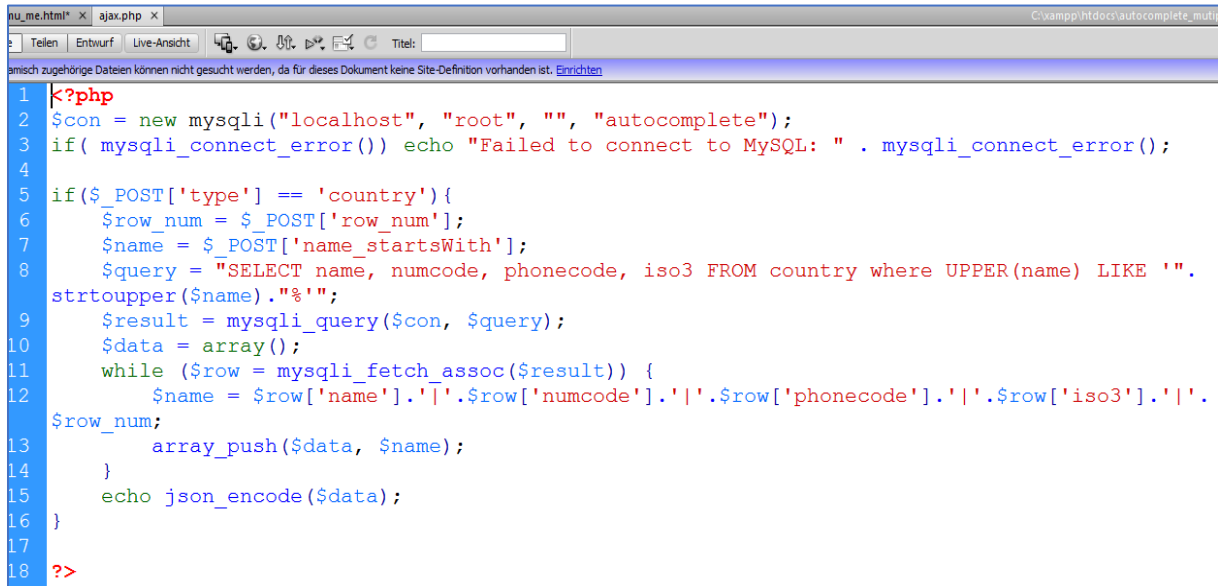
In the jQuery autocomplete success method, I am getting the results and splits the „Familiename“ and assign it to the label and value object. When user selects his desired result from the list of autocomplete result list, jQuery autocomplete select method is triggered. Where selected result is splitted as well as assigned to the Vorname und Gehalt.

Code für beide Dateien: siehe ganz zum Schluss des Dokumentes

2b)PHP-Datei

php script for jQuery autocomplete for multiple textfields.

ajax.php: inklusive der Verbindung zum Server.



```
1 <?php
2 $con = new mysqli("localhost", "root", "", "autocomplete");
3 if( mysqli_connect_error()) echo "Failed to connect to MySQL: " . mysqli_connect_error();
4
5 if($_POST['type'] == 'country'){
6     $row_num = $_POST['row_num'];
7     $name = $_POST['name_startsWith'];
8     $query = "SELECT name, numcode, phonecode, iso3 FROM country where UPPER(name) LIKE '".
9     strtoupper($name)."%";
10    $result = mysqli_query($con, $query);
11    $data = array();
12    while ($row = mysqli_fetch_assoc($result)) {
13        $name = $row['name'].'|'.$row['numcode'].'|'.$row['phonecode'].'|'.$row['iso3'].'|'.
14        $row_num;
15        array_push($data, $name);
16    }
17    echo json_encode($data);
18 }
19 ?>
```

Info:

In Zeile 5 ist das die Tabelle in der Datenbank (country)

```
<?php
```

```
$con = new mysqli("localhost", "root", "", "autocomplete");
```

```
if( mysqli_connect_error()) echo "Failed to connect to MySQL: " . mysqli_connect_error();
```

```
if($_POST['type'] == 'country'){
```

```
    $row_num = $_POST['row_num'];
```

```
    $name = $_POST['name_startsWith'];
```

```
    $query = "SELECT name, numcode, phonecode, iso3 FROM country where UPPER(name) LIKE
```

```
"".strtoupper($name)."%";
```

```
    $result = mysqli_query($con, $query);
```

```
    $data = array();
```

```
    while ($row = mysqli_fetch_assoc($result)) {
```

```
        $name =
```

```
$row['name'].'|'.$row['numcode'].'|'.$row['phonecode'].'|'.$row['iso3'].'|'.$row_num;
```

```
        array_push($data, $name);
```

```
    }
```

```
    echo json_encode($data);
```

```
}
```

```
?>
```

Code „index_mu_me.html“:

```
<!DOCTYPE html> <html lang="de">
<head>  <meta charset="utf-8">
  <meta http-equiv="Content-Type" content="text/html">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>autocomplete</title>
  <link rel="stylesheet" type="text/css" href="css/jquery-ui.min.css" />
    <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <script src="js/jquery-1.10.2.min.js"></script>
    <script src="js/jquery-ui.min.js"></script>
    <script src="js/bootstrap.js"></script>
</head>

<body>
<div class="container">
<h2>Angelehnt an "autocomplete_mutiple"</h2>
<p>inkl. Bootstrap und jQuery-UI</p>
<form id='students' method='post' name='students' action='ajax.php'>
  <div class="table-responsive">
    <table class="table table-bordered">
      <tr>
        <th><input class='check_all' type='checkbox' onclick="select_all()"/></th>
        <th>Country Name</th>
        <th>Country Number</th>
        <th>Country Phone code</th>
        <th>Country code</th>
      </tr>
      <tr>
        <td><input type='checkbox' class='case' /></td>
        <td><input type='text' id='countryname' name='countryname' /></td>
        <td><input type='text' id='country_no' name='country_no' /></td>
        <td><input type='text' id='phone_code' name='phone_code' /></td>
        <td><input type='text' id='country_code' name='country_code' /> </td>
      </tr>
    </table>
  </div>
</form>

<!--<script>
  $('#name').autocomplete({
    source: function( request, response ) {
      $.ajax({
        url : 'ajax.php',
        dataType: "json",
        data: {
          name_startsWith: request.term,
          type: 'personen',
          row_num : 1
        },
        success: function( data ) {
          response( $.map( data, function( item ) {
            var code = item.split("|");
            return {
              label: code[0],
              value: code[0],
              data : item
            }
          })
        )
      }
    }
  });
</script>
```

```

        });
    }
});
},
autoFocus: true,
minLength: 0,
select: function( event, ui ) {
    var names = ui.item.data.split("|");
    $('#vorname').val(names[1]);
    $('#gehalt').val(names[2]);
}
});
</script-->
</div>
<script src="js/auto.js"></script>
</body>
</html>

```

Code: „auto.js“

```

$('#countryname').autocomplete({
source: function( request, response ) {
    $.ajax({
        url : 'ajax.php',
        dataType: "json",
        method: 'post',
        data: {
            name_startsWith: request.term,
            type: 'country',
            row_num : 1
        },
        success: function( data ) {
            response( $.map( data, function( item ) {
                var code = item.split("|");
                return {
                    label: code[0],
                    value: code[0],
                    data : item
                }
            }
            ));
        }
    });
},
autoFocus: true,
minLength: 0,
select: function( event, ui ) {
    var names = ui.item.data.split("|");
    id_arr = $(this).attr('id');
    id = id_arr.split("_");
    $('#country_no').val(names[1]);
    $('#phone_code').val(names[2]);
    $('#country_code').val(names[3]);
}
});

```