

## Changing a table row colour with JavaScript

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I was recently looking at a way of people selecting many records from a data display. You know the usual table layout of data, populated with a query object. I decided on a column of checkboxes so that a user could select multiple records. The only issue with this was that it is not the most visible indicator of whether a record is selected.

So I thought I would add a JavaScript function to change the table row background colour, to show selected records.

Firstly here is a simple mock up of a table, populated with a list.

```
<cfset variables.myList = '1,2,3,4,5,6,7,8,9,10,11,12,13,14'>
  <cfparam name="variables.odd" default="">

  <cfoutput>
<table width="200" border="0" cellspacing="0" cellpadding="2">
  <cfloop list="#variables.myList#" index="variables.row">
    <cfif (variables.row MOD 2) IS 1>
      <cfset variables.odd = true>
    </cfif>
    <tr <cfif variables.odd> bgcolor="CCCCCC" </cfif> >
      <td>Row #variables.row#</td>
      <td>Data 2</td>
      <input type="checkbox" id="rowId" name="rowId" value="#variables.row#" onclick="row
    </tr>
    <cfset variables.odd = false>
  </cfloop>
</table>
</cfoutput>
```

The table rows are alternately coloured based on a basic odd/even check. This value is also passed to the function, as if we uncheck the record we want the row to return to its original colour.

Next we have the JavaScript function that each checkbox is running when it is clicked. The 'row\_color' function uses the 'this' variable to work back up two elements using the 'parentNode' function. This targets the table row (tr) tag, and changes its colour to whichever value is set at the top of the script. There are two colour off values as the table rows are alternately coloured, and we want them to return to their original colour when unselected.

```
<scr/ipt type="text/javascript">
  var color_on = '#FFE7DF';
  var color_off_1 = '#CCCCCC';
  var color_off_2 = '#FFFFFF';

  function row_color(pTarget,row)
  {
  var pTR = pTarget.parentNode.parentNode;

  if(pTR.nodeName.toLowerCase() != 'tr')
  {
    return;
  }

  if(pTarget.checked == true)
  {
    pTR.style.backgroundColor = color_on;
  }
  else
  {
    if(row == 1)
    {
      pTR.style.backgroundColor = color_off_1;
    }
    else
    {
      pTR.style.backgroundColor = color_off_2;
    }
  }
  }
</scr/ipt>
```

Row 1	Data	<input type="checkbox"/>
Row 2	Data	<input type="checkbox"/>
Row 3	Data	<input type="checkbox"/>
Row 4	Data	<input checked="" type="checkbox"/>
Row 5	Data	<input type="checkbox"/>
Row 6	Data	<input type="checkbox"/>
Row 7	Data	<input checked="" type="checkbox"/>
Row 8	Data	<input type="checkbox"/>
Row 9	Data	<input type="checkbox"/>
Row 10	Data	<input type="checkbox"/>
Row 11	Data	<input type="checkbox"/>
Row 12	Data	<input type="checkbox"/>
Row 13	Data	<input type="checkbox"/>
Row 14	Data	<input type="checkbox"/>