HTML <tr> Tag for Table Rows

#tr# is for table rows and surrounds the #td#s for the table cells. #tr# description, syntax, usage, attributes and examples. HTML-5.com is a great guide for web developers. TV Series & Actors and Actresses. Follow TV Series and HTML 5 on Google+.

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The <tr> Tag in HTML 5

The <tr> tag is used to create a row in an HTML table. A series of **th table heading cell elements** and **td table data cell elements** are used to divide each table row into cells.

In the following example, there are two rows in the table header, two more rows in the table body and one row in the table footer, for a total of five **tr** elements in all.

	Multiple Column Heading	
First Column Heading	Second Column Heading	
Row 1	Row 1 Column 1	Row 1 Column 2
Row 2	Row 2 Column 1	Row 2 Column 2
This is an example of an HTML table footer.		

This is an actual working demo of the table row example code below. (Do *View Source* to verify that this page is using the HTML 5 DOCTYPE. You can also verify it is Valid HTML 5 using the HTML Validator. Try using it to validate URLs with HTML examples from other places that claim to be HTML 5 web sites!)

See the tutorial on Creating HTML Tables for full details on how to create an HTML table using the HTML table tags together.

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<tr> Tag Syntax

```
<a mode="pre" href="../body-tag/index.html#syntax"><body></a>
    <a mode="pre" href="../html-tag-list.html#flow-content-model">... flow content expected ...
    <a mode="pre" href="../table-tag/index.html#syntax"><table></a>
      ...
      <b mode="pre"><tr></b>
        <a mode="pre" href="../td-tag/index.html#syntax"><td>...</td></a>
        ...
      <b mode="pre"></tr></b>
      ...
    </table>
  </body>
```

Rules for coding the HTML `tr` element

Make sure you understand the difference between a tag and element and are familiar with the definitions of namespace and other HTML terms.

1. Include a **tr** element inside a **thead element**, a **tfoot element** or an explicit or implied **tbody element**.
2. Begin the **tr** element with a starting \<tr\> tag. The element name uses lower case letters and should be in the HTML namespace, which it will pick up automatically from the `xmlns` attribute on the \<html\> tag.
3. Inside the **tr** element, between the starting `<tr>` tag and the ending `</tr>` tag, code the inner HTML for the cells of the table row.
4. End the **tr** element with a matching `</tr>` closing tag.

tr Content Model

A table row can include the following elements:

\<th\> tag(s)

> table column headings, which is normally coded in rows under a \<thead\> tag

\<td\> tag(s)

> table detail cells, which can be coded in rows under a \<tbody\> tag or a \<tfoot\> tag

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\<tr\> Tag Attributes

Attributes of the \<tr\> tag

global attributes	In addition to the personal attributes of the \<tr\> tag below, any of the common HTML attributes can also be coded.

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\<tr\> Tag Examples

Examples of the `tr` tag in HTML 5

Here is the HTML code for the table demo above:

```
<table>
   <caption>Table Caption</caption>
   <colgroup>
      <col style="width: 20%"/>
      <col style="width: 80%"/>
   </colgroup>
   <thead>
      <b mode="pre"><tr></b>
         <th rowspan="2"></th>
         <th colspan="2">Multiple Column Heading</th>
      <b mode="pre"></tr></b>
      <b mode="pre"><tr style="vertical-align: bottom"></b>
         <th>First Column Heading</th>
         <th>Second Column Heading</th>
      <b mode="pre"></tr></b>
   </thead>
   <tfoot>
```

```
      <b mode="pre"><tr></b>  <td colspan="2">This is an example of an HTML table footer.</td>
   </tfoot>
   <tbody>
      <b mode="pre"><tr></b>
         <td>Row 1 Column 1</td>
         <td>Row 1 Column 2</td>
      <b mode="pre"></tr></b>
      <b mode="pre"><tr></b>
         <td>Row 2 Column 1</td>
         <td>Row 2 Column 2</td>
      <b mode="pre"></tr></b>
   </tbody>
</table>
```

In HTML 5, you can turn a whole row of an HTML table into a link:

```
<table>
   <b mode="pre"><tr></b>  <td>Label:</td><td>Data...</td><b mode="pre"></tr></b>
   ...
   <b mode="pre"><tr onclick="location=this.getElementsByTagName('a')[0]"></b>
      <a href="new-row.html"/>
      <td colspan="2">Add a Row</td>
   <b mode="pre"></tr></b>
</table>
```

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Changes in HTML 5 - <tr> Tag

What's new in HTML 5

Differences between HTML 5 and earlier versions of HTML

The following attributes should *not* be coded on the <tr> tag because they either have been deprecated or were never officially supported:

- `bgcolor`

The 2000-2010 Recommendations from the W3C HTML Working Group defined the HTML namespace for the **tr** element type name along with the names of all HTML element types. In older (pre-2000) versions of HTML, element type names were not associated with a namespace.

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THE END