

Data-sum it up!

The new Dynamic Table feature introduces a new technique to create running totals and format data values. If you read the previous posts on the Dynamic Tables improvements it will not come as a surprise that this is handled using special data attributes. The `data-sum` attribute will do the totals for the specified data field as part of the pagination process. This article shows some basic samples on how to create running totals and transport lines and how to use the `data-format` attribute to format the data values.

The Dynamic Table wizard lets you set some basic options to create a running total and transport line, in this article we'll focus on the various underlying HTML attributes.

Running totals

Creating running totals is easy once you get the hang of it. Consider the following Dynamic Table design.

Number	Description	UnitPrice	Quantity	Total
@Number@	@Description@	@UnitPrice@	@Quantity@	@Total@
			@QtySum@	@TotalSum@

The table contains a `<thead>`, `<tbody>` and `<tfoot>` section. The Source view reveals the HTML structure below.

Note! There is one important limitation: there is no logic to create transport lines for nested sums.

```
<tr cla<tr class="InstrumentClass" data-repeat="InstrumentClass">
  <td></td>
  <td data-field="description" data-format="lowercase">@description@</td>
  <td></td>
  <td></td>
</tr>
<tr class="Sector" data-repeat="InstrumentClass.Sector">
  <td></td>
  <td data-field="description" data-format="uppercase">@description@</td>
  <td></td>
  <td></td>
</tr>
<tr class="Holding" data-repeat="InstrumentClass.Sector.Holding">
  <td data-field="code">@code@</td>
  <td data-field="r1r2">@r1r2@</td>
  <td data-field="holding">@holding@</td>
  <td data-field="value" data-format="currency-nosymbol">@value@</td>
</tr>
<tr style="page-break-before: avoid" data-repeat="InstrumentClass.Sector">
  <td></td>
  <td></td>
  <td style="font-weight: bold">Total</td>
  <td data-sum="InstrumentClass.Sector.Holding.value" style="font-weight: bold"
data-format="currency-nosymbol">
    @value@
  </td>
</tr>
```