Totals Calculator

Contents

Description

The totals calculator script is used to calculate the cost of an order. It calculates the cost of items of a given type and then totals all the costs.

To make the calculations work the calculator needs to be loaded when the page is opened. Here is an example.

```html
<body onLoad="TotalsCalculatorLoad();" >
```

The costs are linked to the input fields where the amounts are entered. The fields are in pairs, one for the number of items and one for the total cost. The pair of fields are identified by a naming convention. The quantity of an item needs to be in a field with a name ending in Quantity. The total cost of the items of that type needs have a name ending in Total.

Each item type most be given a unique name that then forms the first part of the names of the quantity and total fields. So an item type of "ClearTape" would need to be matched by two HTML input fields "ClearTapeQuantity" and "ClearTapeTotal". The ids of the HTML input fields must be set to these names. For example:

```html
<tr>
    <td width="110" align="left" valign="middle">
        <p>Clear Tape</p></td>
    <td width="60" align="center" valign="middle"><p>&pound;1.00
each</p></td>
    <td width="90" align="center" valign="middle"><p><input
id="ClearTapeQuantity" name="ClearTapeQuantity" type="text"
class="quantityboxes" placeholder="0" /> </p></td>
    <td width="90" align="center" valign="middle"><p><input
id="ClearTapeTotal" name="ClearTapeTotal" type="text" class="paymentboxes"
readonly/> </p></td>
</tr>
```

To receive the total for a whole order an input field with an if of "finaltotal" must be included in the HTML.

```html
Final Total:  <input type="text" id="finaltotal"  readonly/>
```

Configuration

Prices are configured by adding a TotalCostCategory to TotalCostCalculatorConfig.TotalCostCategories. A TotalCostCategory contains two pieces of information. These are the name of the item and the cost in pounds.
The name of the item will be used by the code as the first part of the name of the pair of quantity and total fields.

Here is an example.

```
new TotalCostCategory("BubbleWrap", 15.00);
```

This TotalCostCategory then needs to be added to TotalCostCalculatorConfig.TotalCostCategories.

```
TotalCostCalculatorConfig.TotalCostCategories[TotalCostCalculatorConfig.TotalCostCategories.length]
    = new TotalCostCategory("BubbleWrap", 15.00);
```

Test

A file called TEST_TOTALS.HTML is supplied as a demonstration of the Totals Calculator and to allow manual testing.