This document shows precipitation values for several cities (taken from the cities' respective Wikipedia articles). JavaScript is used to create graphs and improve the look of the table.

This sample includes several external style sheets and script files:

- **script.js** Retrieves data from the HTML table, calculates totals and passes them to Flotr.
- **flotr2.min.js** A popular Open Source JavaScript library to create graphs.
- **awesomizr.js** A RealObjects-made JavaScript library used to transform table headers.
- **style.css** Styles tables with advanced CSS3 properties and selectors.

### Rainfall in mm per month

<table>
<thead>
<tr>
<th>City</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York City</td>
<td>71.1</td>
<td>65.5</td>
<td>88.4</td>
<td>77.7</td>
<td>101.3</td>
<td>95.8</td>
<td>94.5</td>
<td>74.2</td>
<td>94.5</td>
<td>86.4</td>
<td>80.5</td>
<td>77.5</td>
<td>1007.4</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>79.2</td>
<td>96.5</td>
<td>61.7</td>
<td>6.6</td>
<td>2.3</td>
<td>0.3</td>
<td>1.0</td>
<td>6.1</td>
<td>16.8</td>
<td>26.4</td>
<td>59.2</td>
<td>379.2</td>
<td></td>
</tr>
<tr>
<td>San Francisco</td>
<td>114.3</td>
<td>113</td>
<td>82.6</td>
<td>37.1</td>
<td>18</td>
<td>4.1</td>
<td>0.0</td>
<td>1.5</td>
<td>5.3</td>
<td>28.4</td>
<td>80.3</td>
<td>115.8</td>
<td>600.4</td>
</tr>
</tbody>
</table>

### Total precipitation [mm] comparison

- New York City: 33.05%
- Los Angeles: 20.23%
- San Francisco: 12.78%
- Washington, D.C.: 33.94%
### Awesomizr

RealObjects provides you its Open Source JavaScript library Awesomizr. This library provides among other things a function that can be used to rotate the header of any table in an arbitrary angle, by using CSS3 transforms.

### Usage

Transform a table by including the library in your document and calling the `rotateTableHeader` function in your JavaScript code. **Awesomizr** will automatically create a `<thead>` element from the first row in the specified table if no such element is present.

```html
<script type="text/javascript" src="awesomizr.js"></script>
<script type="text/javascript">
    Awesomizr.rotateTableHeader(table, params);
</script>
```

- **table**  The HTML node of the table to transform.
- **params**  An object of optional parameters.

In the PDFreactor manual, you can find more information on the optional parameters and other functionality of the awesomizr library.

### Example

```javascript
Awesomizr.rotateTableHeader(document.getElementById("myTable"), { angle: 40, width: "20pt" });
```
PDF Images

PDFreactor enables you to embed PDFs as images through the `<img>` element. PDF image elements have support for additional CSS and JavaScript properties:

- You can select which page should be displayed as image via the CSS property `-ro-source-page`.
- Using JavaScript, you can retrieve the number of pages a PDF image object has via the proprietary `roPageCount` property.

Usage

You can use JavaScript to retrieve the number of pages of a PDF image object, and automatically generate a PDF image for each page by creating an image element for each page, where you can set the page to be displayed through the CSS property `-ro-source-page`.

Example

In July 2011, the Space Shuttle Atlantis went on its 335th and final mission into space, transporting hardware to the International Space Station.

The Final Mission

The Space Shuttle Program

On July 21, 2011, the Space Shuttle Atlantis made its final landing on the Shuttle Landing Facility (SLF), ending a 30-year run that began with the launch of STS-1 on April 12, 1981.

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