Lectora Responsive Design Tips

FocusOn Learning 2016

Session 902

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Tip 1: Always Start on the Desktop

The other views inherit their properties from the desktop view, so it’s best to always insert and position elements on the desktop first. That way, the other views will in many cases be set up correctly from the start.

If you insert an element in one of the other views first and then position them, the position will not be reflected in the higher views.

For instance, below we have placed a character in the Desktop view:

Desktop View
If we move and/or resize the image in the Desktop view, it will also move and resize in the other views.

<table>
<thead>
<tr>
<th>Desktop</th>
<th>Tablet Portrait</th>
<th>Phone Portrait</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Desktop View" /></td>
<td><img src="image2" alt="Tablet Portrait View" /></td>
<td><img src="image3" alt="Phone Portrait View" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tablet Landscape</th>
<th>Phone Landscape</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4" alt="Tablet Landscape View" /></td>
<td><img src="image5" alt="Phone Landscape View" /></td>
</tr>
</tbody>
</table>
Moving the object in the **Tablet Portrait** view will also move it in the **Phone Portrait** view (and not the others). Below we have moved the character to the top right in the Tablet Portrait view, and the Phone Portrait view followed suit. The Desktop and landscape views have not changed.

<table>
<thead>
<tr>
<th>Desktop</th>
<th>Tablet Portrait</th>
<th>Phone Portrait</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Desktop View" /></td>
<td><img src="image2.png" alt="Tablet Portrait View" /></td>
<td><img src="image3.png" alt="Phone Portrait View" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tablet Landscape</th>
<th>Phone Landscape</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Tablet Landscape View" /></td>
<td><img src="image5.png" alt="Phone Landscape View" /></td>
</tr>
</tbody>
</table>

**Tip 2: Changing Your Mind**

If you change your mind, and want to make the object revert back to the position that is in the Desktop view, right-click it and choose Rest Overrides. Choose:

1. **Remove this object’s overrides in this view** to force the object back to that of the Desktop view in the current view only.
2. **Remove this object’s overrides in all views** to force the object back to that of the Desktop view in all views.

You’ll also find these options on the toolbar.
These are the rules of hierarchy if you move or resize an object.

<table>
<thead>
<tr>
<th>Where moved and resized:</th>
<th>Changes also in these views:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Desktop</strong></td>
<td>(all views)</td>
</tr>
<tr>
<td><strong>Tablet Portrait</strong></td>
<td>(both portrait views)</td>
</tr>
<tr>
<td><strong>Phone Portrait</strong></td>
<td>(only this view)</td>
</tr>
<tr>
<td><strong>Tablet Landscape</strong></td>
<td>(both landscape views)</td>
</tr>
<tr>
<td><strong>Phone Landscape</strong></td>
<td>(only this view)</td>
</tr>
</tbody>
</table>

Default Sizes
These are the default sizes for each view:

1. Desktop and Tablet Landscape: 1009 x 662
2. Tablet Portrait: 785 x 1000
3. Phone Portrait: 480 x 763
4. Phone Landscape: 785 x 450

Tip 3: Removing Objects from Different Views.
To not see an object in any view, do NOT delete the object! It will delete it from all views! After all, you really are using just one object, it’s only the view of the object that changes.
If you wish to keep an object in some views and not others, simply move the object off the stage in the views where you do not wish it to appear.

**Tip 4: When Objects Are Closer to the Bottom than the Top of the Stage**

The portrait views, of course, are taller and narrower than the landscape versions. This means that if you place an object near the bottom of the stage in the Desktop view, it will not appear near the bottom of the Tablet Portrait and Phone Portrait views.

You can fix this by using the Offset from Bottom option in the Position tab.

If you place an object on the right side of the stage and it doesn’t look right in other views, choose the Offset from Right option.

Position

Offset from Bottom

**More Great Tips!**

More excellent tips can be found here:


**Demonstration: Chinese Tea Culture**

This is an excellent example of a responsive design lesson.

You can download the Lectora source files with the Q code at right or by clicking this link:

http://community.trivantis.com/shared-content/sample-course-chinese-tea-culture-responsive-course-design/

Demonstration: Bar Chart
This is another excellent example of a responsive design lesson.

You can download the Lectora source files with the Q code at right or by clicking this link:

http://community.trivantis.com/shared-content/animated-progress-bar-chart-interaction-rcd/

Four more Lectora Responsive Design examples, with free source code library objects!

http://elearningbrothers.com/4-mobile-lectoratemplates-responsive-course-design/