

# natUlive framework

Element	Code	Options
<b>Grid</b>	<pre>&lt;div class=row&gt;      &lt;div&gt;         &lt;div&gt; ... &lt;/div&gt;     &lt;/div&gt;     ... &lt;/div&gt;</pre>	<ul style="list-style-type: none"><li>• Columns: just a div, .col3, .col23, .col34 etc.</li><li>• .contain constrains to standard page width</li><li>• Columns have equal width automatically. If a column gets explicit width, the others divide the rest equally among themselves. When columns become too narrow for one row, they are wrapped to another row automatically.</li><li>• .row.half for 2-column row on mobile</li><li>• .row.border for column borders</li><li>• use .pad or .pad-x2 for padding; .unpad for enlarging with negative margin</li><li>• embed .box in cells for boxes with different background, border etc.</li><li>• .row.border-all for borders around each cell</li><li>• cell alignment classes: .align-right, .align-center, .align-top, .align-middle, .align-bottom. Vertically-Aligned elements must be wrapped inside an extra div.</li><li>• add space between cells with .row's border-spacing property or</li><li>• .row.no-spacing glues the cells together</li><li>• .row.no-padding for glued rows and cells</li></ul>

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<b>Mobile/Desktop Content</b>	<pre>&lt;div class=narrow-screen&gt;     ... &lt;/div&gt;  &lt;div class=wide-screen&gt;     ... &lt;/div&gt;</pre>	
<b>Structure</b>	<pre>&lt;div class=header-and-banner&gt;      &lt;header&gt;         ...     &lt;/header&gt;      &lt;div class=banner&gt;      &lt;/div&gt;  &lt;/div&gt;  &lt;main id=content&gt;      &lt;section class=contain&gt;         ...     &lt;/section&gt;     ... &lt;/main&gt;  &lt;footer&gt;      ...  &lt;/footer&gt;</pre>	<ul style="list-style-type: none"><li>• .header-and-banner.viewport sets header/banner to viewport height</li><li>• section clears inner margins at top/bottom</li></ul>
<b>Modal Window</b>	<pre>&lt;a href=page.html#container class=modal&gt;      Open in modal window  &lt;/a&gt;</pre>	<ul style="list-style-type: none"><li>• #container is recommended to avoid HTML head parts</li><li>• openFullWindow(HTML) shows the HTML code in a modal window.</li></ul>

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<b>Slider</b>	<pre>&lt;div class=slider data-autoslide=5 data-duration=.5&gt;      &lt;div&gt; ... &lt;/div&gt;     ... &lt;/div&gt;</pre>	<ul style="list-style-type: none"><li>• Any element with <code>.tab</code> inside slides makes thumbnail navigation instead of numbered one.</li><li>• supported <code>.toptabs</code>, optional <code>.slider.wrap</code> for auto-width tab links</li><li>• <code>data-autoslide=5</code> slides to next slide after a 5" delay</li><li>• Create sliders dynamically with <code>makeSlider(el)</code></li><li>• <code>.slider.vertical-thumbnails</code> option</li><li>• <code>.slider.vertical</code> option</li><li>• <code>.slider.full-window</code> option</li><li>• <code>.slider.full-window.headless</code> option</li><li>• <code>data-duration=x</code> option for x seconds of sliding animation</li></ul>
<b>Tooltip</b>	<pre>&lt;span class=tool&gt;      Hover for a tip     &lt;span class=tip&gt; Info &lt;/span&gt;     ...  &lt;/span&gt;</pre>	
<b>Accordion</b>	<pre>&lt;div class=accordion&gt;      &lt;label class=trigger for=unique- id&gt;     &lt;input type=checkbox class=trigger id=unique-id&gt;      &lt;div&gt; ... &lt;/div&gt;  &lt;/div&gt;</pre>	<ul style="list-style-type: none"><li>• Embedded accordions supported</li></ul>

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Element	Code	Options
Buttons	<code>&lt;a href=# class=button&gt; Call to Action &lt;/a&gt;</code>	<ul style="list-style-type: none"><li>• .big option</li></ul>
Forms	<pre>&lt;form&gt;      &lt;label&gt;         &lt;span&gt; Description &lt;/span&gt;         &lt;input type= textarea&gt; // &lt;textarea&gt;&lt;/         &lt;/label&gt;      &lt;label&gt;         &lt;span&gt;Select a file&lt;/span&gt;         &lt;span class=file-input&gt;             &lt;input type=file&gt;             &lt;span&gt;&lt;/span&gt;         &lt;/span&gt;         &lt;/label&gt;      &lt;div class=checkbox&gt;         &lt;span&gt; Description for all checkboxes&lt;/span&gt;         &lt;label&gt;             &lt;input type=checkbox&gt; &lt;b class=checkbox-icon&gt; &lt;/b&gt;Specific description         &lt;/label&gt;         ...     &lt;/div&gt;      &lt;label&gt;          &lt;span&gt; Select Description &lt;/ span&gt;         &lt;select&gt; ... &lt;/select&gt;      &lt;/label&gt;     ...     &lt;input type=submit&gt;  &lt;/form&gt;</pre>	<ul style="list-style-type: none"><li>• Description with Tooltip: <code>&lt;span class=tool&gt;Description &lt;span class=tip&gt; &lt;/span&gt;</code></li><li>• <code>&lt;label class=mandatory&gt;</code></li><li>• <code>&lt;form class=flat&gt;</code></li><li>• <code>&lt;input type=number data-digits=4&gt;</code></li></ul>

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<b>Lightbox</b>	<pre>&lt;div class=lightbox&gt;     &lt;a href=1.png title=Image 1&gt; Click for Image 1 &lt;/a&gt;     &lt;a href=2.png&gt; &lt;img src=thumbnail.png alt=Thumbnail&gt; &lt;/ a&gt;     ... &lt;/div&gt;</pre>	When clicked, a <code>.lightbox</code> child link to image forms a common slider gallery with its siblings.
<b>Quote</b>	<pre>&lt;p class=quote&gt;     ... &lt;/p&gt;</pre>	
<b>Aspect ratio image container</b>	<pre>&lt;span class=aspect&gt;     &lt;span style='padding-bottom: Ratio% '&gt;&lt;/span&gt;     &lt;img src=image.jpg alt=''&gt; &lt;/span&gt;</pre>	Ratio = (y / x) * 100, default 16:9, only when container is 100% wide.
<b>Android Browser scroll polyfill</b>	<pre>&lt;div class=overthrow&gt;     ... &lt;/div&gt;</pre>	
<b>Masonry CSS-only</b>	<pre>&lt;div class=masonry&gt;     &lt;a&gt;Column&lt;/a&gt;     ... &lt;/div&gt;</pre>	
<b>Tables</b>		<code>&lt;td data-sort&gt;</code> makes it sortable, where the <code>data-sort</code> value can be unspecified, <b>asc</b> or <b>desc</b> .

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Drop-down nav	<pre>&lt;nav class=drop&gt;   &lt;form id=level1&gt; &lt;/form&gt;   &lt;form id=level2&gt; &lt;/form&gt;   &lt;input type=checkbox class='trigger burger'&gt;   &lt;ul&gt;     &lt;li&gt;       &lt;input type=radio class=trigger form=level1 name=level1&gt;       &lt;input type=reset form=level1&gt;       &lt;a&gt;One&lt;/a&gt;       &lt;b class=sub&gt;&lt;/b&gt;       &lt;ul&gt;         &lt;li&gt;           &lt;input type=radio class=trigger form=level2 name=level2&gt;           &lt;input type=reset form=level2&gt;           &lt;a&gt;Middle One&lt;/ a&gt;           &lt;b class=sub&gt;&lt;/ b&gt;           &lt;ul&gt;             &lt;li&gt;               &lt;a href=#&gt;Bottom One&lt;/a&gt;             &lt;/li&gt;           &lt;/ul&gt;         &lt;/li&gt;       &lt;/ul&gt;     &lt;/li&gt;   &lt;/ul&gt; &lt;/nav&gt;</pre>	

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<b>Drop caps</b>	<pre>&lt;p class=drop-cap&gt;     ... &lt;/p&gt;</pre>	
<b>CSS-only parallax scrolling</b>	<pre>&lt;html class=parallax&gt;   &lt;head&gt; ... &lt;/head&gt;   &lt;body&gt;      &lt;div class=parallax-back&gt; ...   &lt;/div&gt;      &lt;div class=parallax-front&gt; ...   &lt;/div&gt;    &lt;/body&gt; &lt;/html&gt;</pre>	<ul style="list-style-type: none"><li>• .parallax-back is the back layer, scrolling slower than the front layer .parallax-front</li></ul>
<b>Right to left language support</b>	<pre>&lt;body dir=rtl&gt;</pre>	