

# natUlive framework

Element	Code	Options
<b>Grid</b>	<pre>&lt;div class=row&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. .row inherits alignment</li><li>• .align-children inherits alignment</li><li>• .row &gt; .vertical-row – vertical row as tall as the parent row with equal-height full-width children</li></ul>

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Element	Code	Options
<b>Grid (cont'd)</b>		<ul style="list-style-type: none"><li>• <code>.row.no-spacing</code> glues the cells together</li><li>• <code>.row.no-padding</code> for glued rows and cells</li></ul>
<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>• <code>.header-and-banner.viewport</code> sets header/banner to viewport height. <code>.viewport.push-up</code> to move the content upwards for a better visual balance</li><li>• <code>section</code> clears inner margins at top/bottom</li><li>• <code>section.fixed-background</code> – element as a window to an image spanning the viewport. Requires child <code>&lt;div class="fixed-background-image"&gt;&lt;/div&gt;</code> for touch devices.</li><li>• <code>header.fixed</code> for fixed header on top on narrow screens</li></ul>

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Element	Code	Options
<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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Element	Code	Options
<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>• slider.tabs – any slide with a .tab-title child makes thumbnail navigation instead of numbered one. supported .top.tabs</li><li>• , optional .slider.wrap for auto-width tab links</li><li>• data-autoslide=5 slides to next slide after a 5" delay</li><li>• Create sliders dynamically with makeSlider(el)</li><li>• .slider.vertical-thumbnails option</li><li>• .slider.vertical option</li><li>• .slider.full-window option</li><li>• .slider.full-window.headless option</li><li>• data-duration=x option for x seconds of sliding animation</li><li>• .slider.center centers slides content</li><li>• .slider.auto-height height matches slider height to the current slide</li><li>• .slider.fade to fade in/out instead of sliding</li><li>• .vertical.right, .vertical.tabs.right</li></ul>

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Element	Code	Options
<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     &lt;input type=checkbox     class=trigger&gt;      &lt;div&gt; ... &lt;/div&gt;  &lt;/div&gt;</pre>	<ul style="list-style-type: none"><li>• Embedded accordions supported</li><li>• Optionally open by default with <code>.accordion.open</code></li></ul>
<b>Buttons</b>	<pre>&lt;a href=# class=button&gt; Call to Action &lt;/a&gt;</pre>	<ul style="list-style-type: none"><li>• <code>.big</code> option</li></ul>

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Element	Code	Options
Forms	<pre>&lt;form&gt;      &lt;label&gt;         &lt;span&gt; Description &lt;/span&gt;         &lt;input&gt; // &lt;textarea&gt;&lt;/ textarea&gt;     &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: &lt;span class=tool&gt;Description &lt;span class=tip&gt; &lt;/span&gt;</li><li>• &lt;label class=mandatory&gt;</li><li>• form.mast for a balanced layout with labels in left column and inputs on right column</li><li>• &lt;input type=number data-digits=4&gt;</li><li>• form.wide for 100% wide inputs</li><li>• form.sticky-submit positions the submit button to the right/center of the form</li><li>• form.dynamic submits without reloading the page and displays the result in a modal window</li><li>• form { --placeholder_color : #aaa; } is the custom placeholder colour variable</li></ul>

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Element	Code	Options
<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>	<p>When clicked, a <code>.lightbox</code> child link to image forms a common slider gallery with its siblings.</p> <ul style="list-style-type: none"><li>• <code>lightbox.full-screen</code> option</li><li>• Use <code>http://url#lightbox_id</code> to open it automatically on page load</li></ul>
<b>Quote</b>	<pre>&lt;p class=quote&gt;     ... &lt;/p&gt;</pre>	
<b>Aspect ratio image container</b>	<pre>&lt;picture class=aspect style="-- ratio: Ratio"&gt;      &lt;img src=image.jpg alt=''&gt;  &lt;/picture&gt;</pre>	Ratio = x/y. Works 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 a column sortable. The <code>data-sort</code> value can be unspecified, <b>asc</b> or <b>desc</b> .
<b>Top navigation</b>	<pre>&lt;header&gt;     &lt;nav&gt;         &lt;input type="checkbox" class="trigger burger"&gt;         &lt;div&gt; ... &lt;/div&gt;     &lt;/nav&gt; &lt;/header&gt;</pre>	Hidden and burgerised on mobile

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Element	Code	Options
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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Element	Code	Options
<b>Scrollable nav</b>	<pre>&lt;nav class=scroll&gt;      &lt;ul&gt; ... &lt;/ul&gt;  &lt;/nav&gt;</pre>	
<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>	
<b>Cards</b>	<pre>&lt;div class=card&gt;      &lt;div class=head&gt; ... &lt;/div&gt;     &lt;div class=content&gt; ... &lt;/div&gt;  &lt;/div&gt;</pre>	<ul style="list-style-type: none"><li>• .head.image with inline CSS for background-image</li></ul>

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Element	Code	Options
<b>Notification bar</b>	<pre>&lt;body&gt;   &lt;div class=notify&gt; ... &lt;/div&gt;   ... &lt;/body&gt;</pre>	<ul style="list-style-type: none"><li>• option <code>.fixed</code></li><li>• create dynamically by <code>notify('Message')</code> with optional parameter <code>'fixed'</code></li><li>• if already present in HTML statically, close action will work</li></ul>
<b>Lists</b>	<pre>&lt;ul&gt;   &lt;li&gt;...&lt;/li&gt;   ... &lt;/ul&gt;</pre>	<ul style="list-style-type: none"><li>• <code>ul.vertical</code> stacks list items vertically</li></ul>