

natUlive framework

Element	Code	Options
Grid	<pre><div class=row> <div> ... </div> ... </div></pre> <p>Options</p> <ul style="list-style-type: none">• Columns: just a div, .col3, .col23, .col34 etc.• .contain constrains to standard page width• 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.• .row.half for 2-column row on mobile• .row.border for column borders• use .pad or .pad-x2 for padding; .unpad for enlarging with negative margin• embed .box in cells for boxes with different background, border etc.• .row.border-all for borders around each cell	<ul style="list-style-type: none">• 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• .align-children inherits alignment• .row.vertical – vertical row as tall as the parent row with equal-height full-width children• .row.no-spacing glues the cells together (CSS variables support required)• .row.no-padding columns without padding (CSS variables support required)• .row.no-margin for no gutter between columns (CSS variables support required)• .row > .full-mobile-width for full width columns on mobile
Mobile/Desktop Content	<pre><div class=narrow-screen> ... </div> <div class=wide-screen> ... </div></pre>	

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Element	Code	Options
Structure	<pre><div class=header-and-banner> <header> ... </header> <div class=banner> </div> </div> <main id=content> <section class=contain> ... </section> ... </main> <footer> ... </footer></pre>	<ul style="list-style-type: none">• <code>.header-and-banner.n-viewport</code> sets header/banner to viewport height. <code>.n-viewport.push-up</code> to move the content upwards for a better visual balance• <code>section</code> clears inner margins at top/bottom• <code>header.fixed</code> for fixed header on top on narrow screens

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Element	Code	Options
Modal Window	<pre> Open in modal window </pre>	<ul style="list-style-type: none">• #container is recommended to avoid HTML head parts• <code>nui.openFullWindow(HTML)</code> shows the HTML code in a modal window.• <code>nui.openFullWindow(HTML, '0% { ... } 100% { ... }')</code> for custom animation, automatically reversed on close• <code>a.n-modal[data-anim]</code> parameter specifies custom animation• <code>a.limited</code> for limited width/height modal window• Modals with id matching the URI hash are opened automatically

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Element	Code	Options
Slider	<pre><div class=n-slider data- autoslide=5 data-duration=.5> <div> ... </div> ... </div></pre> <p>Options</p> <ul style="list-style-type: none">• <code>.n-slider.tabs</code> makes thumbnail navigation instead of numbered one. Tab titles from a <code>.tab-title</code> child or a <code>data-tab_title</code> attribute. Supports <code>.top.tabs</code>, optional <code>.n-slider.wrap</code> for auto-width tab links• <code>data-autoslide=5</code> slides to next slide after a 5" delay• Create sliders dynamically with <code>nui.componentSlider.makeSlider(el)</code>• <code>.n-slider.vertical-thumbnails</code> option• <code>.n-slider.vertical</code> option• <code>.n-slider.full-window</code> option• <code>.n-slider.full-window.headless</code> option• <code>data-duration=x</code> option for x seconds of sliding animation• <code>data-peek=20%</code> to peek at neighboring slides, where 20% becomes 20% padding on left and right	<ul style="list-style-type: none">• <code>.n-slider.center</code> centers slides content• <code>.n-slider.auto-height</code> matches slider height to the current slide• <code>.n-slider.fade</code> to fade in/out instead of sliding• <code>.vertical.right</code>, <code>.vertical.tabs.right</code>• <code>.n-slider.pad</code> for outside controls• <code>.n-slider.align-middle</code> to vertically center slides (requires extra slide content wrapper)• To detach nav from slider, prepare a <code>.n-slider#id</code> and <code>.slider-nav[data-for=id]</code>• <code>url#hash</code> auto slides a slider with <code>slide#hash</code> to that one.

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Element	Code	Options
Tooltip	<pre> Hover for a tip Info ... </pre>	
Accordion (Fold)	<pre><div class=n-fold> <div class=label> Label </div> <input type=checkbox class=trigger> <div class=content> ... </div> </div></pre>	<ul style="list-style-type: none">• Embedded accordions supported• Optionally open by default with <code>.aria-expanded=true</code>• Content's CSS variable <code>--start-height</code> truncates it to the specified height.• <code>.n-fold.horizontal</code>, needs extra wrapper inside <code>.content</code>
Buttons	<pre> Call to Action </pre>	<ul style="list-style-type: none">• <code>.big</code> option• wrap a group of buttons in <code>.group</code>

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Element	Code	Options
Forms	<pre> <form> <label> Description <input // <textarea></ textarea> </label> <label> Select a file <input type=file> </label> <div class=checkbox> Description for all checkboxes <label> <input type=checkbox> <b class=checkbox-icon> </ b>Specific description </label> ... </div> <label> Select Description <select> ... </select> </label> ... <input type=submit> </form> </pre>	<ul style="list-style-type: none"> • Description with Tooltip: <code>Description </code> • <code><label class=mandatory></code> • <code>form.mast</code> for a balanced layout with labels in left column and inputs on right column • <code><input type=number data-digits=4></code> • <code>form.wide</code> for 100% wide inputs • <code>form.sticky-submit</code> positions the submit button to the right/center of the form • <code>form.dynamic</code> submits without reloading the page and displays the result in a modal window • <code>form { --placeholder_color: #aaa; }</code> is the custom placeholder colour variable • <code>fieldset[disabled]</code> is toggled by its previous sibling <code>.checkbox.condition</code> • Set the placeholder colour with CSS variable <code>-placeholder_color</code> • <code><textarea data-auto ...></code> to automatically adjust the height • <code>data-digits=x</code> in a number input requires x digits

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Element	Code	Options
Lightbox	<pre><div class=n-lightbox> Click for Image 1 </ a> ... </div></pre>	<p>When clicked, a .n-lightbox child link to image forms a common slider gallery with its siblings.</p> <ul style="list-style-type: none">• n-lightbox.full-screen option• Use http://url#lightbox_id to open it automatically on page load• url?slide=n#lightbox_id opens nth slide of that lightbox• url?image=image_name.jpg#lightbox_id opens that image's slide• a.video• a.iframe• .thumbnails for thumbnail controls.• .inline for an inline lightbox.• .inline.thumbnails.outside for outside-positioned controls.• Lightbox with id provides links to individual slides• .n-lightbox[data-anim] parameter specifies custom animation
Quote	<pre><p class=quote> ... </p></pre>	

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Element	Code	Options
Aspect ratio image container	<pre><picture class=aspect style="--ratio: Ratio"> </picture></pre>	Ratio = x/y. Works only when container is 100% wide.
Masonry CSS-only	<pre><div class=masonry> <div> <p>Column</p> </div> ... </div></pre>	CSS columns with vertically optimised cell positioning. Masonry effect (vertical track only).
Tables		<td data-sort> makes a column sortable. The data-sort value can be unspecified, asc or desc .
Top navigation	<pre><header> <div class='fold mobile'> <div class=label> </div> <input type=checkbox class=trigger> <div class=content> <nav> ... </nav> </div> </div> </header></pre>	Hidden and burgerised on mobile • header.fixed option

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Element	Code	Options
Drop-down nav	<pre><nav class=drop> <input type=checkbox> <a>Middle One <input type=checkbox> Bottom One <a>One </nav></pre>	
Scrollable nav	<pre><nav class=scroll> ... </nav></pre>	<ul style="list-style-type: none">• overflowing navigation to scroll horizontally instead of wrap on new lines.
Drop caps	<pre><p class=drop-cap> ... </p></pre>	<ul style="list-style-type: none">• larger first letter

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Element	Code	Options
CSS-only parallax scrolling	<pre><html class=parallax> <head> ... </head> <body> <div class=parallax-back> ... </div> <div class=parallax-front> ... </div> </body> </html></pre>	<ul style="list-style-type: none">• .parallax-back is the back layer, scrolling slower than the front layer .parallax-front
Right to left language support	<pre><body dir=rtl></pre>	
Cards	<pre><div class=n-card> <div class=head> ... </div> <div class=content> ... </div> </div></pre>	<ul style="list-style-type: none">• .head.image with inline CSS for background-image
Notification bar	<pre><body> <div class=notify> ... </div> ... </body></pre>	<ul style="list-style-type: none">• option .fixed• create dynamically by <code>nui.notify('Message')</code> with optional parameter 'fixed'• if already present in HTML statically, close action will work• <code>nui.notify('Text', 'timeout')</code> to hide it after 2 seconds.
Lists	<pre> </pre>	<ul style="list-style-type: none">• <code>ul.inline</code> orders items on one line• <code>ul.indent</code>

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Element	Code	Options
Typography		<ul style="list-style-type: none">• option <code>.big-text</code>
Copy to clipboard by JavaScript	<code>nui.copyButton(el, target)</code>	<ul style="list-style-type: none">• <code>el</code> is the button element, <code>target</code> is the source of the clipboard text• Third parameter echoes content in a notification bar
Language selector	<pre><form class=language> <label class=select> <select name=l> <option value=en>🇬🇧 English</option> ... </select> </label> </form></pre>	<ul style="list-style-type: none">• Navigates to <code>url?l=en</code>
Links	<code></code>	<ul style="list-style-type: none">• Overlays a link over its whole parent container
Fixed background section	<pre><div class=fixed-bg style="background-image: url(image.jpg)"> <div class=fixed-bg-image></div> ... </div></pre>	<ul style="list-style-type: none">• <code>.fixed-bg</code> – element as a window to an image spanning the viewport. Needs inline <code>background-image</code>.

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Element	Code	Options
Scroll threshold	<pre><div data-threshold> ... </div></pre>	<ul style="list-style-type: none">• Adds CSS variable --threshold showing how much of the element height has been scrolled up outside of viewport, 0.0 ~ 1.0.• --height is the element height, for calculations• When all of it is above the viewport, the element gets a .threshold class
NPM install	<pre>npm install --save-dev natuive require('./node_modules/natuive/ index.js');</pre>	
Grid with inline popups	<pre><div class='row grid-inline-popup'> <div class="col3">1</div> <div class="popup">Popup for #1</div> <div class="col3">2</div> <div class="popup">Popup for #2</div> <div class="col3">3</div> <div class="popup">Popup for #3</div> <div class="col3">4</div> <div class="popup">Popup for #4</div> <div class="col3">5</div> <div class="popup">Popup for #5</div> <div class="col3">6</div> <div class="popup">Popup for #6</div> </div></pre>	

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Element	Code	Options
Dynamically add components	<code>nui.addComponent(host_element, component_html)</code>	
Available functions when using non-obfuscated natuive-combined.js	<code>nui.animate()</code> <code>nui.init()</code> <code>nui.copyButton()</code> <code>nui.openFullWindow()</code> <code>nui.closeFullWindow()</code> <code>nui.notify()</code> <code>nui.addComponent()</code>	