

natUlive framework

Element	Code	Options
Grid	<pre><div class=n-row> <div> ... </div> ... </div></pre> <p>Options</p> <ul style="list-style-type: none">• Columns: just a div, <code>._1/3</code>, <code>._2/3</code>, <code>._3/4</code> etc.• <code>.contain</code> 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.• <code>.n-row.half</code> for 2-column row on mobile• <code>.n-row.border</code> for column borders• use <code>.pad</code> or <code>.pad-x2</code> for padding; <code>.unpad</code> for enlarging with negative margin• embed <code>.box</code> in cells for boxes with different background, border etc.• <code>.n-row.border-all</code> for borders around each cell	<ul style="list-style-type: none">• cell alignment classes: <code>.align-right</code>, <code>.align-center</code>, <code>.align-top</code>, <code>.align-middle</code>, <code>.align-bottom</code>. Vertically-Aligned elements must be wrapped inside an extra div. <code>.n-row</code> inherits alignment• <code>.align-children</code> inherits alignment• <code>.n-row.vertical</code> – vertical row as tall as the parent row with equal-height full-width children• <code>.n-row.no-spacing</code> glues the cells together (CSS variables support required)• <code>.n-row.no-padding</code> columns without padding (CSS variables support required)• <code>.n-row.no-margin</code> for no gutter between columns (CSS variables support required)• <code>.n-row > .n-full-mobile-width</code> for full width columns on mobile
Mobile/Desktop Content	<pre><div class=n-narrow-screen> ... </div> <div class=n-wide-screen> ... </div></pre>	

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Element	Code	Options
Structure	<pre> <div class=header-and-banner> <header class="n-header"> ... </header> <div class=n-banner> </div> </div> <main id=content> <section class=contain> ... </section> ... </main> <footer class="n-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.n-push-up</code> to move the content upwards for a better visual balance • <code>section</code> clears inner margins at top/bottom • <code>header.n-fixed</code> for fixed header on top on narrow screens
Modal Window	<pre> Open in modal window </pre>	<ul style="list-style-type: none"> • <code>#container</code> 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.n-modal--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.n-tabs</code> makes thumbnail navigation instead of numbered one. Tab titles from a <code>.n-tab-title</code> child or a <code>data-tab_title</code> attribute. Supports <code>.n-slider-top.n-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.n-slider--vertical</code> option• <code>.n-slider.n-full-window</code> option• <code>.n-slider.n-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.n-slider--center</code> centers slides content• <code>.n-slider.n-slider--auto-height</code> matches slider height to the current slide• <code>.n-slider.fade</code> or <code>.n-slider.fade-overlap</code> to fade in/out instead of sliding• <code>.n-slider--vertical.n-slider--right</code>, <code>.n-slider-vertical.n-tabs.n-slider--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>.n-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=n-fold--label> Label </div> <input type=checkbox class=n- trigger> <div class=n-fold--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.n-fold--horizontal</code>, needs extra wrapper inside <code>.n-fold-content</code>• <code>.n-fold.n-fold--mobile</code> is closed behind a burger on mobile
Buttons	<pre> Call to Action </pre>	<ul style="list-style-type: none">• <code>.button-big</code> option• wrap a group of buttons in <code>.button-group</code>

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Element	Code	Options
Forms	<pre> <form class=n-form> <label> Description <input> // <textarea></ textarea> </label> <label> Select a file <input type=file> </label> <div class=n-form--check> Description for all checkboxes <label> <input type=checkbox> <b class=n-form--check-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: <pre> Description </pre> • <label class=n-form--mandatory> • .n-form.n-form--mast for a balanced layout with labels in left column and inputs on right column • <input type=number data-digits=4> • .n-form.n-form-wide for 100% wide inputs • .n-form.sticky-submit positions the submit button to the right/center of the form • .n-form.n-form--dynamic submits without reloading the page and displays the result in a modal window • form { --placeholder_color: #aaa; } is the custom placeholder colour variable • fieldset[disabled] is toggled by its previous sibling .n-form-check.n-form--condition • Set the placeholder colour with CSS variable – placeholder_color • <textarea data-auto ... to automatically adjust the height • data-digits=x in a number input requires x digits • Range input's thumb background is taken from the --thumb-color CSS variable.

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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.n-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 • .n-slider--thumbnails for thumbnail controls. • .n-lightbox--inline for an inline lightbox. • .inline.n-slider--thumbnails.n-slider--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>	
Aspect ratio image container	<pre> <picture class=n-aspect style="--ratio: Ratio"> </picture> </pre>	Ratio = x/y. Works only when container is 100% wide.

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Element	Code	Options
Masonry CSS-only	<pre><div class=n-masonry> <div> <p>Column</p> </div> ... </div></pre>	CSS columns with vertically optimised cell positioning. Masonry effect (vertical track only).
Tables	<pre><table class=n-table> ... </table></pre>	<code><td data-sort></code> makes a column sortable. The data-sort value can be unspecified, asc or desc .
Top navigation	<pre><header> <div class='n-fold n-fold--mobile'> <div class=n-fold--label> </div> <input type=checkbox class=n-trigger> <div class=n-fold--content> <nav class=n-nav> ... </nav> </div> </div> </header></pre>	Hidden and burgerised on mobile <ul style="list-style-type: none">• <code>header.n-fixed</code> option

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Element	Code	Options
Drop-down nav	<pre><nav class='n-nav n-drop'> <input type=checkbox> <a>Middle One <input type=checkbox> Bottom One <a>One </nav></pre>	
Scrollable nav	<pre><nav class='n-nav n-nav--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=n-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=n-parallax> <head> ... </head> <body> <div class=n-parallax-back> ... </div> <div class=n-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=n-card--head> ... </div> <div class=n-card--content> ... </div> </div></pre>	<ul style="list-style-type: none">• .n-card--head.n-card--image with inline CSS for background-image
Notification bar	<pre><body> <div class=n-notify> ... </div> ... </body></pre>	<ul style="list-style-type: none">• option .n-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.

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Lists	<pre> </pre>	<ul style="list-style-type: none">• <code>ul.n-list--inline</code> orders items on one line• <code>ul.n-list--indent</code>• <code>ul.no-bullets</code> for a clean list
Typography		<ul style="list-style-type: none">• option <code>.n-big-text</code>
Copy to clipboard by JavaScript	<pre>nui.copyButton(el, target)</pre>	<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	<pre></pre>	<ul style="list-style-type: none">• Overlays a link over its whole parent container

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Fixed background section	<pre><div class=n-fixed-bg style="background-image: url(image.jpg)"> <div class=n-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>.
Scroll threshold	<pre><div data-threshold> ... </div></pre>	<ul style="list-style-type: none">• Adds CSS variable <code>--threshold</code> showing how much of the element height has been scrolled up outside of viewport, 0.0 ~ 1.0.• <code>--height</code> is the element height, for calculations• When all of it is above the viewport, the element gets a <code>.threshold</code> class
NPM install	<pre>npm install --save-dev natuive require('./node_modules/natuive/ index.js');</pre>	

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Element	Code	Options
Grid with inline popups	<pre><div class='n-row grid-inline-popup'> <div class="_1/3">1</div> <div class="popup">Popup for #1</div> <div class="_1/3">2</div> <div class="popup">Popup for #2</div> <div class="_1/3">3</div> <div class="popup">Popup for #3</div> <div class="_1/3">4</div> <div class="popup">Popup for #4</div> <div class="_1/3">5</div> <div class="popup">Popup for #5</div> <div class="_1/3">6</div> <div class="popup">Popup for #6</div> </div></pre>	
Dynamically add components	<pre>nui.addComponent(host_element, component_html)</pre>	
Available functions when using non-obfuscated natuive-combined.js	<pre>nui.animate() nui.init() nui.copyButton() nui.openFullWindow() nui.closeFullWindow() nui.notify() nui.addComponent()</pre>	