natUIve framework

Element	Code	Options

Grid	`<div class=row>`
	
	    `<div> … </div>`
	    `…`
	
	`</div>`
	
	Options
	
	• 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
		• 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	`<div class=narrow-screen>`
	    `…`
	`</div>`
	
	`<div class=wide-screen>`
	    `…`
	`</div>`	

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Element	Code	Options

Structure	```<div class=header-and-banner>```
	
	 `    <header>`
	 `        …`
	 `    </header>`
	
	 `    <div class=banner>`
	
	 `    </div>`
	
	 `</div>`
	
	 `<main id=content>`
	
	 `    <section class=contain>`
	 `        …`
	 `    </section>`
	 `    …`
	 `</main>`
	
	 `<footer>`
	
	 `  …`
	
	 `</footer>`
		• `.header-and-banner.n-viewport` sets header/banner to viewport height. `.n-viewport.push-up` to move the content upwards for a better visual balance
		 • `section` clears inner margins at top/bottom
		 • `header.n-fixed` for fixed header on top on narrow screens

Modal Window	`<a href=page.html#container class=n-modal>`
	
	 `    Open in modal window`
	
	 `</a>`
		• `#container` is recommended to avoid HTML head parts
		 • nui.openFullWindow(HTML) shows the HTML code in a modal window.
		 • nui.openFullWindow(HTML, '0% { … } 100% { … }') for custom animation, automatically reversed on close
		 • `a.n-modal[data-anim]` parameter specifies custom animation
		 • `a.n—modal--limited` for limited width/height modal window
		 • Modals with id matching the URI hash are opened automatically

natUIve framework

Element	Code	Options

Slider	`<div class=n-slider data-autoslide=5 data-duration=.5>`
	
	`    <div> … </div>`
	`    …`
	
	`</div>`
	
	Options
	
	• `.n-slider.tabs` makes thumbnail navigation instead of numbered one. Tab titles from a `.tab-title` child or a `data-tab_title` attribute. Supports `.top.tabs`, optional `.n-slider.wrap` for auto-width tab links
	• `data-autoslide=5` slides to next slide after a 5" delay
	• Create sliders dynamically with `nui.componentSlider.makeSlider(el)`
	• `.n-slider.vertical-thumbnails` option
	• `.n-slider.vertical` option
	• `.n-slider.full-window` option
	• `.n-slider.full-window.headless` option
	• `data-duration=x` option for x seconds of sliding animation
	• `data-peek=20%` to peek at neighboring slides, where 20% becomes 20% padding on left and right
		• `.n-slider.center` centers slides content
		• `.n-slider.auto-height` matches slider height to the current slide
		• `.n-slider.fade` or `.n-slider.fade-overlap` to fade in/out instead of sliding
		• `.vertical.right, .vertical.tabs.right`
		• `.n-slider.pad` for outside controls
		• `.n-slider.align-middle` to vertically center slides (requires extra slide content wrapper)
		• To detach nav from slider, prepare a `.n-slider#id` and `.slider-nav[data-for=id]`
		• `url#hash` auto slides a slider with `slide#hash` to that one.

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Element	Code	Options

Tooltip	`<span class=n-tool>`
	
	    `<span class=n-tool--label>Hover for a tip</span>`
	    `<span class=n-tool--tip> Info </span>`
	        `…`
	
	`</span>`	

Accordion (Fold)	`<div class=n-fold>`
	
	    `<div class=n-fold--label> Label </div>`
	
	    `<input type=checkbox class=trigger>`
	
	    `<div class=n-fold--content> … </div>`
	
	`</div>`
		• Embedded accordions supported
		• Optionally open by default with `.aria-expanded=true`
		• Content's CSS variable `--start-height` truncates it to the specified height.
		• `.n-fold.n-fold--horizontal`, needs extra wrapper inside `.n-fold—content`
		• `.n-fold.n-fold--mobile` is closed behind a burger on mobile

Buttons	`<a href=# class=button> Call to Action </a>`	• `.button-big` option • wrap a group of buttons in `.button-group`

natUIve framework

Element	Code	Options

Forms	```<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> Specific description```
	``` </label>```
	``` …```
	``` </div>```
	
	``` <label>```
	
	``` Select Description ```
	``` <select> … </select>```
	
	``` </label>```
	
	``` …```
	``` <input type=submit>```
	
	```</form>```
		• Description with Tooltip: `<span class=n-tool>Description <span class=n-tool-tip> </span> </span>`
		• `<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.

natUIve framework

Element	Code	Options

Lightbox	`<div class=n-lightbox>`
	
	`    <a href=1.png title=Image 1> Click for Image 1 </a>`
	`    <a href=2.png> <img src=thumbnail.png alt=Thumbnail> </a>`
	
	`    …`
	
	`</div>`
		When clicked, a `.n-lightbox` child link to image forms a common slider gallery with its siblings.
		• `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.
		• `.n-lightbox--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	`<p class=quote>`
	`    …`
	`</p>`	

Aspect ratio image container	`<picture class=aspect style="--ratio: Ratio">`
	
	`    <img src=image.jpg alt=''>`
	
	`</picture>`
		`Ratio = x/y`. Works only when container is 100% wide.

Masonry CSS-only	`<div class=n-masonry>`
	`    <div> <p>Column</p> </div>`
	`    …`
	`</div>`
		CSS columns with vertically optimised cell positioning. Masonry effect (vertical track only).

natUIve framework

Element	Code	Options
Tables		`<td data-sort>` makes a column sortable. The `data-sort` value can be unspecified, **asc** or **desc**.

Top navigation	```html
	<header>
	    <div class='fold mobile'>
	        <div class=label> </div>
	        <input type=checkbox class=trigger>
	        <div class=content>
	            <nav>
	            …
	            </nav>
	        </div>
	    </div>
	</header>
	``
		Hidden and burgerised on mobile
		• `header.n-fixed` option

natUIve framework

Element	Code	Options

Drop-down nav	<pre><nav class=n-drop>
	
	
	
	            <input type=checkbox>
	
	
	                    <a>Middle One</
	a>
	                    <input
	type=checkbox>
	
	
	                            <a
	href=#>Bottom One
	
	
	
	
	            <a>One
	
	
	</nav></pre>	

Scrollable nav	<pre><nav class=scroll>
	
	     …
	
	</nav></pre>
		• overflowing navigation to scroll horizontally instead of wrap on new lines.

Drop caps	<pre><p class=n-drop-cap>
	    …
	</p></pre>
		• larger first letter

natUIve framework

Element	Code	Options

CSS-only parallax scrolling	`<html class=parallax>`
	`    <head> … </head>`
	`    <body>`
	
	`        <div class=parallax-back> … </div>`
	
	`        <div class=parallax-front> … </div>`
	
	`    </body>`
	`</html>`
		• `.parallax-back` is the back layer, scrolling slower than the front layer `.parallax-front`

Right to left language support	`<body dir=rtl>`	

Cards	`<div class=n-card>`
	
	`    <div class=n-card--head> … </div>`
	`    <div class=n-card--content> … </div>`
	
	`</div>`
		• `.n-card--head.n-card--image` with inline CSS for `background-image`

Notification bar	`<body>`
	`    <div class=notify> … </div>`
	`    …`
	`</body>`
		• option `.n-fixed`
		• create dynamically by `nui.notify('Message')` with optional parameter `'fixed'`
		• if already present in HTML statically, close action will work
		• `nui.notify('Text', 'timeout')` to hide it after 2 seconds.

natUIve framework

Element	Code	Options
Lists	``` … … ```	• `ul.inline` orders items on one line • `ul.indent` • `ul.no-bullets` for a clean list
Typography		• option `.n-big-text`
Copy to clipboard by JavaScript	`nui.copyButton(el, target)`	• `el` is the button element, `target` is the source of the clipboard text • Third parameter echoes content in a notification bar
Language selector	```<form class=language> <label class=select> <select name=l> <option value=en>🇬🇧 English</ option> … </select> </label> </form>```	• Navigates to url?l=en
Links	`<a href=# class="span-relative-parent"></a>`	• Overlays a link over its whole parent container

natUIve framework

Element	Code	Options

Fixed background section	`<div class=fixed-bg style="background-image: url(image.jpg)">`
	`    <div class=fixed-bg-image></div>`
	`    …`
	`</div>`
		• `.fixed-bg` – element as a window to an image spanning the viewport. Needs inline `background-image`.

Scroll threshold	`<div data-threshold>`
	
	`    …`
	
	`</div>`
		• 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	`npm install --save-dev natuive`
	
	`require('./node_modules/natuive/index.js');`	

natUIve framework

Element	Code	Options

Grid with inline popups	`<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>`	

Dynamically add components	`nui.addComponent(host_element, component_html)`	

Available functions when using non-obfuscated natuive-combined.js	`nui.animate()`
	`nui.init()`
	`nui.copyButton()`
	`nui.openFullWindow()`
	`nui.closeFullWindow()`
	`nui.notify()`
	`nui.addComponent()`	