natUIve framework

Element	Code		Options

Grid	`<div class=row>`
	
	    `<div> … </div>`
	    `…`
	
	`</div>`
			• 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

natUIve framework

Element	Code		Options
Grid (cont'd)			• 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-row` – 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

natUIve framework

Element	Code		Options

Mobile/ Desktop Content	`<div class=narrow-screen>`
	    …
	`</div>`
	
	`<div class=wide-screen>`
	    …
	`</div>`		

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.`viewport` sets header/banner to viewport height. `.viewport.push-up` to move the content upwards for a better visual balance
			• `section` clears inner margins at top/bottom
			• `header.fixed` for fixed header on top on narrow screens

natUIve framework

Element	Code		Options

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

natUIve framework

Element	Code		Options

Slider	`<div class=slider data-autoslide=5 data-duration=.5>`
	
	     `<div> … </div>`
	     `…`
	
	`</div>`
			• `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 `.slider.wrap` for auto-width tab links
			• `data-autoslide=5` slides to next slide after a 5" delay
			• Create sliders dynamically with `makeSlider(el)`
			• `.slider.vertical-thumbnails` option
			• `.slider.vertical` option
			• `.slider.full-window` option
			• `.slider.full-window.headless` option
			• `data-duration=x` option for x seconds of sliding animation
			• `.slider.center` centers slides content
			• `.slider.auto-height` matches slider

natUIve framework

Element	Code			Options

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

Accordion (Fold)	`<div class=fold>`
	
	    `<div class=label> Label </div>`
	
	    `<input type=checkbox class=trigger>`
	
	    `<div class=content> … </div>`
	
	 `</div>`
				• Embedded accordions supported
				 • Optionally open by default with `.fold.open`
				 • Content's CSS variable `--height` truncates it to the specified height.

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

natUIve framework

Element	Code		Options

Forms	`<form>`
	
	    `<label>`
	        `<span> Description </span>`
	        `<input> //`
	`<textarea></textarea>`
	    `</label>`
	
	    `<label>`
	        `<span>Select a`
	`file</span>`
	        `<span class=file-input>`
	            `<input type=file>`
	            `<span></span>`
	        `</span>`
	    `</label>`
	
	    `<div class=checkbox>`
	        `<span> Description for all checkboxes</span>`
	        `<label>`
	            `<input type=checkbox> <b class=checkbox-icon> </b>Specific description`
	        `</label>`
	        …
	    `</div>`
	
	    `<label>`
	
	        `<span> Select Description </span>`
	        `<select> … </select>`
	
	    `</label>`
	
	    …
	    `<input type=submit>`
	
	`</form>`
			• Description with Tooltip: `<span class=tool>Description <span class=tip> </span>`
			• `<label class=mandatory>`
			• `form.mast` for a balanced layout with labels in left column and inputs on right column
			• `<input type=number data-digits=4>`
			• `form.wide` for 100% wide inputs
			• `form.sticky-submit` positions the submit button to the right/center of the form
			• `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 `.checkbox.condition`

natUIve framework

Element	Code		Options

Lightbox	`<div class=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 `.lightbox` child link to image forms a common slider gallery with its siblings.
			• `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
			• `.lightbox[data-anim]` parameter specifies custom animation

natUIve framework

Element	Code		Options

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=masonry>```
	   ```<div> <p>Column</p> </div>```
	   …
	```</div>```
			CSS columns with vertically optimised cell positioning. Masonry effect.

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

Top navigation	```<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.fixed``` option

natUIve framework

Element	Code		Options
Drop-down nav	```<nav class=drop> <form id=level1> </form> <form id=level2> </form> <input type=checkbox class='trigger burger'> <input type=radio class=trigger form=level1 name=level1> <input type=reset form=level1> <a>One <b class=sub> <input type=radio class=trigger form=level2 name=level2> <input type=reset form=level2> <a>Middle One <b class=sub> Bottom One </nav>```		

natUIve framework

Element	Code		Options

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

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

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

natUIve framework

Element	Code		Options

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

Lists	`<ul>`
	    `<li>…</li>`
	    …
	`</ul>`
			• `ul.inline` orders items on one line
			• `ul.indent`

Typography			• option `.big-text`
Copy to clipboard by JavaScript	`copyButton (el, target)`		• `el` is the button element, `target` is the source of the clipboard text

natUIve framework

Element	Code		Options

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	``````		• Overlays a link over its whole parent container

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`.

natUIve framework

Element	Code		Options

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