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

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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

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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

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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.
			• `a.limited` for limited width/height modal window

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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

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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

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Element	Code		Options

Forms	```<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> Specific description```
	       ```</label>```
	       …
	    ```</div>```
	
	    ```<label>```
	
	       ``` Select Description ```
	       ```<select> … </select>```
	
	    ```</label>```
	
	   …
	    ```<input type=submit>```
	
	```</form>```
			• Description with Tooltip: ```Description ```
			• ```<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```

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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

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.

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Element	Code		Options

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> <span class="burger"></span> </div>`
	`        <input type=checkbox class=trigger>`
	`        <div class=content>`
	`            <nav>`
	`            …`
	`            </nav>`
	`        </div>`
	`    </div>`
	`</header>`
			Hidden and burgerised on mobile
			• `header.fixed` option

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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>```		

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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`

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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

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

Language selector	`<form class=language>`
	`<label class=select>`
	
	`<select name=l>`
	
	`<option value=en>`🇬🇧
	`English</option>`
	`…`
	
	`</select>`
	`</label>`
	`</form>`
			• Navigates to url?l=en

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Element	Code		Options
Links	`<a href=# class="span-relative-parent"></a>`		• 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`.

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