

Customizing Shiny

Using custom inputs and interactivity with JavaScript in Shiny apps



0.1 Adding dependencies

- `htmltools::htmlDependency()`
- `createWebDependency()`
- `addResourcePath()`
- `includeScript()`, `includeCSS()`

3 DOM

3.1 Find DOM Elements

```
<button id="submit" class="btn">  
</button>
```

document	Example input
<code>.getElementById()</code>	<code>'submit'</code>
<code>.getElementsByClassName()</code>	<code>'btn'</code>
<code>.getElementsByTagName()</code>	<code>'button'</code>
<code>.querySelector()</code>	<code>'.btn'</code>
<code>.querySelectorAll()</code>	<code>'button'</code>

6 Box Title 1

6.1 Sub Title 1

```
Array.prototype.from();  
document.getElementById('test');
```

1 Heading 1

Lorem condimentum porta convallis pretium vulputate taciti scelerisque? Integer feugiat velit sociis sociosqu luctus proin duis id sem metus aptent. Lorem tellus *tellus tortor praesent* aliquet in `document.getElementById()` neque dictumst. Turpis ullamcorper proin vivamus suscipit `obj.map(o => o[1])` quisque ante aliquet. Fermentum `thoughts.reduce()` libero eleifend molestie!

4 Box Title 1

4.1 Sub Title 1

Adipiscing cursus aenean facilisis torquent odio nunc velit quam est? Hendrerit tristique dignissim ridiculus euismod cum euismod. Mauris eget vel suscipit vitae eros at iaculis lobortis mattis sed libero rutrum mattis eleifend duis.
$$e = mc^2$$

5 Box Title 1

5.1 Sub Title 1

Elit sociosqu laoreet *bibendum inceptos elementum integer* primis nulla curae aenean nulla imperdiet? Risus primis facilisi integer magna lobortis nec sagittis accumsan nullam cras fusce dapibus? Eros vestibulum `class libero at mauris potenti` a *ultrices* curabitur nullam molestie varius molestie!

2 Heading 1

2.1 Item 1

Lorem platea nec phasellus turpis varius id nisl. Mus lectus vestibulum diam nisi molestie suscipit dui et quisque suscipit! Natoque ac cras velit placerat mi malesuada facilisi sagittis rutrum. Eget maecenas class feugiat mauris fringilla aenean duis turpis? Gravida penatibus suspendisse per nostra et sagittis himenaeos parturient viverra praesent! Risus nisl lobortis egestas justo praesent aenean nam cras nostra curae est! Rutrum nostra inceptos eros dictum lectus posuere nec dui platea viverra neque feugiat.

2.2 Item 2

Adipiscing mi odio penatibus mi elementum?

2.2.1 Sub Item 1

Dolor rhoncus risus consequat massa sodales etiam gravida himenaeos ornare quam! At ornare mauris ante curae ut venenatis semper sodales turpis parturient.

2.2.2 Sub Item 2

Ipsum sapien commodo facilisi convallis habitasse fusce parturient faucibus massa ac cum! Phasellus diam.