Package ‘shinyDND’

Type Package
Title Shiny Drag-n-Drop
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Maintainer Aaron Hoffer <ahoffer42@gmail.com>
Description Add functionality to create drag and drop div elements in shiny.
DisplayMode Showcase
Imports shiny (>= 0.11), htmltools
License GPL-3
URL https://github.com/ayayron/shinydnd
BugReports https://github.com/ayayron/shinydnd/issues
RoxygenNote 5.0.1
NeedsCompilation no
Author Aaron Hoffer [aut, cre]
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**dragSetUI**

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**Description**

With draggable elements, you may not want to create one at a time, instead creating a set with a common id prefix. This simplifies the process to pass a vector of elements instead of using a loop or apply function to generate.

**Usage**

```r
dragSetUI(id, textval = list(""))
```

**Arguments**

- `id` The div id of the draggable element set
- `textval` The list with the name for each of the draggable elements

**Value**

Returns the set of draggable div elements.

**Examples**

```r
dragSetUI("dragset", list("foo", "bar", "baz"))
```

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**dragUI**

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**Description**

Create a draggable UI element.

**Usage**

```r
dragUI(id, ..., style = NULL, class = "dragelement")
```

**Arguments**

- `id` The div id of the element
- `...` Any list of elements can be passed inside the div element itself to create more complex draggable elements, not just text
- `style` Add a string with additional css styling not defined by id or class
- `class` The css class style, uses the standard "dragelement" class that it comes with
dropUI

**Value**

dragable div element

**Description**
dropUI

**Usage**
dropUI(id, style = NULL, class = "dropelement", row_n = 1, col_n = 1)

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>The div id of the element</td>
</tr>
<tr>
<td>style</td>
<td>The css styling</td>
</tr>
<tr>
<td>class</td>
<td>The css class style</td>
</tr>
<tr>
<td>row_n</td>
<td>set the number of rows to be used in the vertical selection. Height is proportional to the number of rows.</td>
</tr>
<tr>
<td>col_n</td>
<td>set the number of columns to be used in the vertical selection. Width is proportional to the number of columns.</td>
</tr>
</tbody>
</table>

**Value**
div element with nested elements if vertical is true

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**ShinyDND**

ShinyDND: A package for creating drag and drop elements in Shiny.

**Description**
The ShinyDND package provides three categories of important functions: dragUI, dropUI, and dragSetUI.

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