

Package ‘shinyTree’

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Type Package

Title jsTree Bindings for Shiny

Version 0.2.6

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Description Exposes bindings to jsTree -- a JavaScript library that supports interactive trees -- to enable a rich, editable trees in Shiny.

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Depends R (>= 2.15.1), methods

Imports shiny (>= 0.9.0), jsonlite

Suggests testthat

BugReports <https://github.com/trestletech/shinyTree/issues>

RoxygenNote 6.0.1

Encoding UTF-8

NeedsCompilation no

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get_selected	<i>Get the selected nodes from a tree</i>
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Description

Extract the nodes from the tree that are selected in a more convenient format. You can choose which format you prefer.

Usage

```
get_selected(tree, format = c("names", "slices", "classid"))
```

Arguments

tree	The input\$tree shinyTree you want to inspect.
format	In which format you want the output. Use names to get a simple list of the names (with attributes describing the node's ancestry), or slices to get a list of lists, each of which is a slice of the list used to get down to the selected node.

renderEmptyTree	<i>Render an empty ShinyTree</i>
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Description

Renders a tree with no defined nodes. [shinyTree](#).

Usage

```
renderEmptyTree()
```

See Also

[shinyTree](#)

renderTree	<i>Render a ShinyTree</i>
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Description

Should return a list from the given expression which will be converted into a [shinyTree](#).

Usage

```
renderTree(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

expr	The expression to be evaluated which should produce a list.
env	The environment in which expr should be evaluated.
quoted	Is expr a quoted expression (with <code>quote()</code>)? This is useful if you want to save an expression in a variable.

See Also

[shinyTree](#)

shinyTree	<i>Create a Shiny Tree</i>
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Description

This creates a spot in your Shiny UI for a shinyTree which can then be filled in using [renderTree](#)

Usage

```
shinyTree(outputId, checkbox = FALSE, search = FALSE, dragAndDrop = FALSE,  
          types = NULL, theme = "default", themeIcons = TRUE, themeDots = TRUE)
```

Arguments

outputId	The ID associated with this element
checkbox	If TRUE, will enable checkboxes next to each node to make the selection of multiple nodes in the tree easier.
search	If TRUE, will enable search functionality in the tree by adding a search box above the produced tree. Alternatively, you can set the parameter to the ID of the text input you wish to use as the search field.
dragAndDrop	If TRUE, will allow the user to rearrange the nodes in the tree.
types	If TRUE, enables jstree types functionality

theme	jsTree theme, one of default, default-dark, or proton.
themeIcons	If TRUE, will show theme icons for each item.
themeDots	If TRUE, will include level dots.

See Also

[renderTree](#)

updateTree	<i>Update the tree with new data</i>
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Description

Extract the nodes from the tree that are selected in a more convenient format. You can choose which format you prefer.

Usage

```
updateTree(session, treeId, data = NULL)
```

Arguments

session	The current session variable.
treeId	The identifier for the shinyTree object
data	JSON data or nested list representing the new tree structure.

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