

Package ‘shinyTree’

August 29, 2016

Type Package
Title jsTree Bindings for Shiny
Version 0.2.2
Date 2015-01-28
Description Exposes bindings to jsTree -- a JavaScript library
that supports interactive trees -- to enable a rich, editable trees in
Shiny.
License MIT + file LICENSE
Depends R (>= 2.15.1), methods
Imports shiny (>= 0.9.0)
Suggests testthat
BugReports <https://github.com/trestletech/shinyTree/issues>
Author Trestle Technology, LLC [aut],
Jeff Allen [cre],
Institut de Radioprotection et de S<c3><bb>ret<c3><a9> Nucl<c3><a9>aire
[cph],
Ivan Bozhanov [ctb, cph] (jsTree),
The Dojo Foundation [ctb, cph] (require.js),
jQuery Foundation, Inc. [ctb, cph]
Maintainer Jeff Allen <cran@trestletechnology.net>
NeedsCompilation no
Repository CRAN
Date/Publication 2015-02-13 11:27:51

R topics documented:

get_selected	2
renderTree	2
shinyTree	3

Index	4
-------	---

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

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"))
```

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.

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

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 quote())? This is useful if you want to save an expression in a variable.

See Also

[shinyTree](#)

`shinyTree`*Create a Shiny Tree*

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)
```

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.

See Also

[renderTree](#)

Index

`get_selected`, [2](#)

`renderTree`, [2](#), [3](#)

`shinyTree`, [2](#), [3](#)