

Package: shinyTree (via r-universe)

October 4, 2024

Type Package

Title jsTree Bindings for Shiny

Version 0.3.11

Date 2024-10-03

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), htmltools

Suggests testthat

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

Roxygen list(wrap = TRUE)

RoxygenNote 7.2.3

Encoding UTF-8

Repository <https://timelyportfolio.r-universe.dev>

RemoteUrl <https://github.com/timelyportfolio/shinyTree>

RemoteRef master

RemoteSha 6d2bb58eb3655aa0e5ec20c80d6c6ce99f653973

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get_leaf_nodes	<i>Get Leaf Nodes</i>
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Description

Get Leaf Nodes

Usage

```
get_leaf_nodes(tree = NULL)
```

Arguments

tree	List returned from a 'ShinyTree'.
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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.

get_selected_nodes *Get Selected Nodes*

Description

Get Selected Nodes

Usage

```
get_selected_nodes(tree = NULL, field = NULL)
```

Arguments

tree	List returned from a 'ShinyTree'.
field	character name of field to return instead of 'text'

get_state_nodes *Get State for Leaf Nodes*

Description

Get State for Leaf Nodes

Usage

```
get_state_nodes(tree = NULL, leaves = TRUE)
```

Arguments

tree	List returned from a 'ShinyTree'.
leaves	logical if TRUE then return only leaf nodes.

renderEmptyTree *Render an empty ShinyTree*

Description

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

Usage

```
renderEmptyTree(env = parent.frame(), quoted = FALSE)
```

See Also

[shinyTree](#)

`renderTree`*Render a ShinyTree*

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

<code>expr</code>	The expression to be evaluated which should produce a list.
<code>env</code>	The environment in which <code>expr</code> should be evaluated.
<code>quoted</code>	Is <code>expr</code> a quoted expression (with <code>quote()</code>)? 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,  
  theme = "default",  
  themeIcons = TRUE,  
  themeDots = TRUE,  
  config = NULL  
)
```

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.
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.
config	list of additional jsTree config

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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