ealexandros / **editable-antd-tree** Public

This is an editable tree component based on antd.

MIT license

1 star 0 forks

Star

Notifications

Code Issues Pull requests Actions Projects Security Insights

main

Go to file

ealexandros 0.2.1 ... ✓ 5 days ago 18

View code

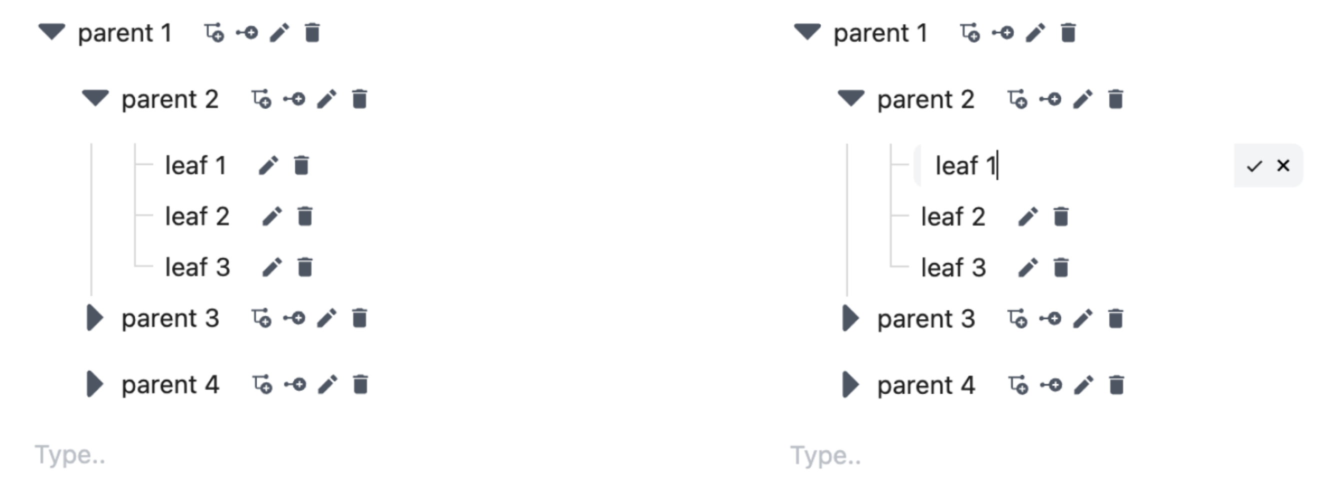
README.md

EditableAntdTree

This is an editable tree based on antd components.

node >=16.0.0 pnpm ^7.0.0 react >=16.9.0 antd ^5.0.0

📖 Preview



📦 Install

```
$ npm editable-antd-tree
```

```
$ yarn editable-antd-tree
```

> The package can be found here.

🔨 Usage

Below there is a demonstration of the input data.

```
const tree = [
  {
    key: "1",
    title: "Technology",
    isLeaf: false,
    children: [
      {
        key: "2",
        parent: "1",
        title: "Phones",
        isLeaf: false,
        children: [
          // ...
        ],
      },
      {
        key: "3",
        parent: "1",
        title: "Laptops",
        isLeaf: true,
      },
    ],
    // ...
  },
  // ...
];
```

A simple example of this package can be seen below.

```
import { EditableAntdTree } from "editable-antd-tree";

import "editable-antd-tree/dist/esm/output.css"; // load style

const initTree = []; // 👀 example above
const App = () => (
  <>
    <EditableAntdTree treeData={initTree} />
  </>
);
```

Typescipt

By downloading this package, there is a direct compatability with `typescript`.

🔀 Properties

Tree

Property	Description	Type	Required
treeData	This property indicates the inital tree data. (There is a section which shows all the fields of TreeData fields)	EditableTreeNode[]	yes
switcherIcon	This property controls the switcher icon, the icon that expands or collapse a parent node.	React.ReactNode	no
size	This property controls the size of the tree.	xs | sm | md | lg | xl	no
loadData	This property is a Function that runs whenever a TreeNode is not a leaf node & it has no children. Its core function is to load data async and replace them into the TreeNode children field.	Function	no
createRootLeaf	This object contains some properties that are explained in the sections below.	Object	no
createRootParent	This object contains some properties that are explained in the sections below.	Object	no
deleteNode	This object contains some properties that are explained in	Object	no

Property	Description	Type	Required
	the sections below.		
updateNode	This object contains some properties that are explained in the sections below.	Object	no
createLeaf	This object contains some properties that are explained in the sections below.	Object	no
createParent	This object contains some properties that are explained in the sections below.	Object	no

Create Root Leaf

Property	Description	Type	Required
caption	This property shows what should be displayed when a user hovers over the action.	string	no
disable	This property indicated if the action should be disabled.	boolean	no
event	This property is a Function that runs after the action has been pressed.	Function	no

Create Root Parent

Property	Description	Type	Required
caption	This property shows what should be displayed when a user hovers over the action.	string	no
disable	This property indicated if the action should be disabled.	boolean	no
event	This property is a Function that runs after the action has been pressed.	Function	no

Delete Node

Property	Description	Type	Required
caption	This property shows what should be displayed	string	no

Property	Description	Type	Required
	when a user hovers over the action.		
disable	This property indicated if the action should be disabled.	boolean | Function	no
event	This property is a Function that runs after the action has been pressed.	Function	no

Update Node

Property	Description	Type	Required
caption	This property shows what should be displayed when a user hovers over the action.	string	no
disable	This property indicated if the action should be disabled.	boolean | Function	no
event	This property is a Function that runs after the action has been pressed.	Function	no

Create Leaf Node

Property	Description	Type	Required
caption	This property shows what should be displayed when a user hovers over the action.	string	no
disable	This property indicated if the action should be disabled.	boolean | Function	no
event	This property is a Function that runs after the action has been pressed.	Function	no

Create Parent Node

Property	Description	Type	Required
caption	This property shows what should be displayed when a user hovers over the action.	string	no
disable	This property indicated if the action should be disabled.	boolean | Function	no
event	This property is a Function that runs after the action has been pressed.	Function	no

> + All Tree properties of antd tree component.

Tree Data

Property	Description	Type	Required
key	This field is used as a unique identifier.	string	yes
title	This field is displayed in the tree.	string	no
parent	This field points to the parent key.	string	no
children	This field contains more nested tree nodes.	EditableTreeNode[]	no

> + All TreeNode properties of antd tree component.

✨ Acknowledgements

Special acknowledgements to the following packages:

- https://www.npmjs.com/package/antd
- https://www.npmjs.com/package/editable-tree-antd

🎙️ Conclusion

I tried some npm packages but they did not fit my use case, so I was inspired by the above packages and created the `editable-antd-tree`.

Releases

No releases published

Languages

● TypeScript 87.3% ● JavaScript 11.7% ● Other 1.0%