

Work Shop: Forum Comments

RUJUAN XING



Features

Comments 10 Top | Newest



tell something...

post



Jay Zhou

Nice, well done

10-18 08:15

Like:99

Tasks:

- Display comments
- Delete comments
- Display and highlight Tabs
- Implement sorting of comments

Feature 1 - Display comments

Ideas:

- Use `useState` to maintain comments
- Use `map` to list comments, don't forget `key`

Feature 2 - Delete Comments

Features:

- Display “delete” button for own comment
- Click “delete” button, delete current comment

Ideas:

- use condition to decide whether display “delete” button
- Get current comment’s id, then filter the comment list

Feature 3 - Display and highlight tabs

Features:

- Highlight the tab which is clicked, remove highlight of other tabs

Ideas:

- Store which tab is being clicked
- Loop all tabs to match the one being clicked
- Then set style for the clicked one
- The type of each tab must be unique

classnames

A simple JavaScript utility for conditionally joining classNames together.

```
npm install classnames
```

```
<span key={item.type}
  onClick={() => handleTypeChange(item.type)}
  className={`nav-item ${activeType === item.type && 'active'}}`>
  {item.text}
</span>
```

```
className={classnames('nav-item', {active: item.type === activeType})}
```

Feature 4 - Sorting

Feature:

- If you click on the "Newest" tab, the comments will be displayed in descending order based on their creation time.
- If you click on the "Hot" tab, the comments will be displayed in descending order based on their likes.

Ideas:

- Use `useState()` to maintain the comment list
- In click handler, use condition to set different sorted comment list

Lodash

A modern JavaScript utility library delivering modularity, performance & extras.

```
npm i --save lodash
```

```
npm install --save-dev @types/lodash
```

```
_.orderBy(collection, [iteratees=[_.identity]], [orders])
```

```
var users = [
  { 'user': 'fred',   'age': 48 },
  { 'user': 'barney', 'age': 34 },
  { 'user': 'fred',   'age': 40 },
  { 'user': 'barney', 'age': 36 }
];

// Sort by `user` in ascending order and by `age` in descending order.
_.orderBy(users, ['user', 'age'], ['asc', 'desc']);
// => objects for [['barney', 36], ['barney', 34], ['fred', 48], ['fred', 40]]
```


Feature 5 – post a comment

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Steps:

1. Get the post content
2. Attach event handler on “post” button to make posts

ID and Time

1. rpid must be unique – uuid

```
npm install uuid
```

```
npm i --save-dev @types/uuid
```

2. ctime is current time, and has special format - dayjs

```
setComments([  
  ...comments,  
  {  
    rpid: 99,  
    user,  
    content,  
    ctime: '10-19 09:00',  
    like: 66,  
  }  
]);
```

```
npm install dayjs
```

Reset and focus after post

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tell something...

post



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1. Reset - Set the value state controlling the input box to an empty string.
2. Re-focus - obtain the DOM element of the input and call the focus method.