

23-short-link-app video

Creating LinkListItem

- we are going to be creating the LinkListItem component
- this is going to let us break up our code that is currently inside LinkList component
- lets go to LinksList and create and import the LinkListItem component

```
import React from 'react';
import { Meteor } from 'meteor/meteor';
import { Tracker } from 'meteor/tracker';
import { Links } from '../api/links'

import LinkListItem from './LinkListItem';

export default class LinksList extends React.Component{

  constructor(props){
    super(props);
    this.state = {
      links : []
    }
  }
}
```

- and now in our renderLinkListItems() function down below, lets change a couple of things
- we are going to have add our <LinkListItem /> component and we are going to give the key and also the spread operator, so now we are passing the _id, url, and userId
- we then want to use a Meteor method that provides us with the url

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export default class LinksList extends React.Component{
```

```

constructor(props){
  super(props);
  this.state = {
    links : []
  }
}

componentDidMount(){
  console.log('ComponentDidMount LinksList');
  this.linksTracker = Tracker.autorun(=>{
    Meteor.subscribe('links');
    const links = Links.find().fetch()
    this.setState({links});
  });
}

componentWillUnmount(){
  console.log('componentWillUnmount LinksList');
  this.linksTracker.stop();
}

renderLinksListItems(){
  return this.state.links.map((link)=>{
    const shortUrl = Meteor.absoluteUrl(link._id);
    return <LinksListItem key={link._id} shortUrl = {shortUrl} {...link}/ >
  })
}

render(){
  return (
    <div>
      <p>Links List</p>
      <div>
        {this.renderLinksListItems()}
      </div>
    </div>
  );
}
}

```

- and now we are going to create the LinkListItem component using the ES6 class because this is a state components
- lets create the LinkListItem.js in the ui folder
- and for now we just want to see the url and the shorUrl

```
import React from 'react'

export default class LinkListItem extends React.Component{

  render(){

    return(

      <div>

        <p>{this.props.url}</p>

        <p>{this.props.shortUrl}</p>

      </div>

    )

  }

}

LinkListItem.propTypes = {

  _id: React.PropTypes.string.isRequired,

  url: React.PropTypes.string.isRequired,

  userId: React.PropTypes.string.isRequired,

  shortUrl: React.PropTypes.string.isRequired,

}
```

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