

## Reading JSON File from Server and using it for data binding

Use `fetch()` function to fetch the data and bind it with `FlatList` component

Here we have used Hooks model of using state variables

Use the `useEffect()` function to load the data asynchronously. When data is loaded properly then use it.

Sample data in JSON file is uploaded on <http://dataritz.com/trainings/hybrid/items.json>

Click the link to view the items

Create a new project and test it by replacing the App.js contents

```
//App.js
import React, { useEffect, useState } from 'react';
import { ActivityIndicator, FlatList, Text, View } from 'react-native';

export default function App() {
  const [isLoading, setLoading] = useState(true);
  const [data, setData] = useState([]);

  useEffect(() => {
    fetch('http://dataritz.com/trainings/hybrid/items.json')
      .then((response) => response.json())
      .then((json) => setData(json.items))
      .catch((error) => console.error(error))
      .finally(() => setLoading(false));
  }, []);

  return (
    <View style={{ flex: 1, padding: 24 }}>
      {isLoading ? <ActivityIndicator/> : (
        <FlatList
          data={data}
          keyExtractor={({ id }, index) => id}
          renderItem={({ item }) => (
            <View>
              <Text style={{fontWeight:"bold"}}>{item.name}</Text>
              <Text>{item.description}</Text>
            </View>
          )}
        />
      )}
    </View>
  );
};
```