

Exam10_ axios hooks

Exam 10

2007년 ▼

일련번호	년도	월	교통사고 발생건수	사망자 수	부상자 수
25	2007	1	14914	468	23975
26	2007	2	14696	446	23717
27	2007	3	18166	476	28811
28	2007	4	18055	460	28555
29	2007	5	19264	516	30532
30	2007	6	18310	538	28662
31	2007	7	18037	503	28676
32	2007	8	17982	512	29711
33	2007	9	18506	532	29583
34	2007	10	19026	582	29802
35	2007	11	17815	565	27674
36	2007	12	16891	568	26208
합계			211662	6166	335906

App.js

```
import React from 'react';
// import axios from 'axios';
import useAxios from 'axios-hooks';
import styled from 'styled-components';

import Spinner from './components/Spinner';
import Table from './components/Table';
import useMountedRef from './hooks/useMountedRef';

const SelectContainer = styled.div`
  position: sticky;
  top: 0;
  padding: 10px 0;
  margin: 0;
  select{
    margin-right: 15px;
    font-size: 16px;
    padding: 5px 10px;
  }
`;

function App() {
  let accidentSum =0;
  let deathSum =0;
  let injurySum =0;

  const [selectedYear, setSelectedYear] = React.useState ({year:''});

  //컴포넌트가 마운트될때 API로부터 전체데이터 받아와 출력
```

```

const URL = 'http://localhost:3001/traffic_acc';
const [{data,loading,error},refetch] = useAxios(URL);

//selec 값이 변경될때 호출할 이벤트
const onChangeSelect =React.useCallback((e)=>{
  e.preventDefault();
  //selec된 값을 selectYear 상태값으로 설정
  const key= e.target.name;
  const value= e.target.value;
  const newState = {...setSelectedYear, [key]:value}
  setSelectedYear(selectedYear=> newState);
  console.log(e.target.value) //현재 선택된 값이 나오고
  console.log(selectedYear) //현재 선택된 값 바로 이전의 값이 나옴... 왜??? 기능은
정상작동함
},[selectedYear]);

const mountedRef = useMountedRef();
//selectedYear상태값이 변경될때 실행될 hook.. 마운트될때 실행되지 않도록 if문처리
React.useEffect(()=>{
  if(mountedRef.current){
    //selec선택값을 파마미터로 함께 전달하여 데이터 다시 받아오기.
    refetch({params: selectedYear });
  }
},[mountedRef,refetch,selectedYear])

if(error){
  console.error(error);
  return(
    <div>
      <h1> !!!! {error.code} Error</h1>
      <hr />
      <p>{error.message}</p>
    </div>
  )
}
return (
  <>
    <h1>Exam 10</h1>
    <hr />
    <SelectContainer>
      <select name='year' onChange={onChangeSelect}>
        <option value="">--년도 선택--</option>
        <option value="2005">2005년</option>
        <option value="2006">2006년</option>
        <option value="2007">2007년</option>
        <option value="2008">2008년</option>
        <option value="2009">2009년</option>
        <option value="2010">2010년</option>
        <option value="2011">2011년</option>
        <option value="2012">2012년</option>
        <option value="2013">2013년</option>
        <option value="2014">2014년</option>
        <option value="2015">2015년</option>
      </select>
    </SelectContainer>
  </>
)

```

```

    </select>
  </SelectContainer>

  <Table>
    <Spinner visible={loading}/>
    <thead>
      <tr>
        <th>일련번호</th>
        <th>년도</th>
        <th>월</th>
        <th>교통사고 발생건수</th>
        <th>사망자 수</th>
        <th>부상자 수</th>
      </tr>
    </thead>
    <tbody>
      {
        data && data.map(({ id, year, month, accident, death, injury }, i) => {
          accidentSum += accident;
          deathSum += death;
          injurySum += injury;
          return (
            <tr key={i}>
              <td>{id}</td>
              <td>{year}</td>
              <td>{month}</td>
              <td>{accident}</td>
              <td>{death}</td>
              <td>{injury}</td>
            </tr>
          )
        })
      }
      <tr>
        <th colspan={3}>합계</th>
        <th>{accidentSum}</th>
        <th>{deathSum}</th>
        <th>{injurySum}</th>
      </tr>
    </tbody>
  </Table>
</>
);
}
export default App;

```