

BookManage using useState

Thursday, March 24, 2022 5:22 PM

```
const BookManageScreen = () => {  
  const [selectedBook, selectBook]=useState(null); //no book selected initially  
  return (  
    <div className='BookListScreen'>  
      <h1>Manage Books</h1>  
      <div className="row">  
        <div className="list col col-3">  
          <h3>Book List</h3>  
          <BookList books={books} onSelectBook={selectBook} />  
        </div>  
        <div className="col col-9">  
          {selectedBook  
            ? <BookDetails book={selectedBook} />  
            : <p>Please select a book</p>  
          }  
        </div>  
      </div>  
    </div>  
  );  
}
```

- Once selectBook is called it update the UI

IMPORTANT!

- NEVER CALL STATE UPDATE DIRECTLY INSIDE FUNCTION COMPONENT
- YOU CAN DO IT ON EVENT CLICKS

- We have a function component
- We are managing state for the selectedBook
 - selectBook
 - Value of selectedBook
 - Default null
 - selectBook
 - A function that will update the state
 - Equivalent of this.setState
 - Updates the state and triggers a render
- Updates the selectedBook with current book

```
st BookList = ({ books, onSelectBook }) => {  
  return (  
    <div className="list-group">  
      {books.map(book => (  
        <button type="button"  
          onClick={() => onSelectBook(book)}  
          key={book.isbn}  
          className="list-group-item list-group-item-action">  
            {book.title}  
          </button>  
        </div>  
      </div>  
    )  
  );  
}
```