1. **Add a Book to Shelf**

POST https://localhost:8080/api/bookshelf/:userid/bookinshelf/:bookid

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of a book | Long |
| isMaditory | required or optional | boolean |

Example of add a book to shelf：

{“book\_id”:1, isManditory: true}

1. **Delete a Bookinshelf by id**

DELETE https://localhost:8080/api/bookshelf/:userid/bookinshelf/:bookid

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of the book | Long |

Return the details of Bookinshelf that is just deleted with status=200：

{“book\_id”:1}

1. **Get all the books in shelf = Get the bookshelf**

GET https://localhost:8080/api/bookinshelf:userid

Return a list of Books in shelf with status=200：

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| order | used in sort by time | boolean, true is early to late and vise versa |
| is\_mandatory | required or optional | boolean |
| bookState | unread/reading/read | int 0/1/2 |
| page | page | Obtained by page number,default is 0 |
| categoryID |  |  |

return the bookshelf and status = 200

Example of get a bookshelf：

{

…

"book\_in\_shelf\_collection": {

…book\_in\_shelf

},

"book\_sum":"100",

"user\_id":"33388491",

"bookshelf\_id":"6548683",

"id":605519800

}

}

1. **Get a Book in shelf by book\_id**

GET https://localhost:8080/api/bookshelf/:userid/bookinshelf/:bookid

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of the book | Long |

Return the details of Bookinshelf that is just deleted with status=200：

{“book\_id”:1}

1. **Update a Book in shelf by book\_id**

PUT https://localhost:8080/api/bookshelf/:userid/bookinshelf/:bookid

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of the book | Long |
| isMaditory | required or optional | boolean |
| readState | unread/reading/read | int, 0/1/2 |

Return the details of Bookinshelf that is just deleted with status=200：

{“book\_id”:1

“isMaditory”: true

“readState”: 0 }