



/v3/api-docs

Explore

Library API

0.1.0 OAS 3.0

/v3/api-docs

Servers

http://localhost:8081 - Generated server url

Authorize



User



POST /user/update/{id}



Parameters

Try it out

Name	Description
------	-------------

id * required

integer(\$int32)
(path)

id

Request body required

application/json



Example Value Schema

```
{
  "username": "username",
  "email": "example@email.com",
  "name": "name"
}
```

Responses

Code	Description	Links
------	-------------	-------

Code	Description	Links
200	User updated successfully Media type <div>*/*</div> Controls Accept header. Example Value Schema <pre>{ "userId": 1, "name": "name", "email": "example@email.com"}</pre>	No links
201	Created Media type <div>*/*</div> Example Value Schema <pre>{ "userId": 1, "name": "name", "email": "example@email.com"}</pre>	No links
403	Not authorized	No links
404	User update failed	No links

POST /user/add  

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{  "username": "username",  "email": "example@email.com",  "name": "name"}
```

Responses

Code	Description	Links
201	User added successfully Media type <div><code>*/*</code></div> Controls Accept header. Example Value Schema <pre>{ "userId": 1, "name": "name", "email": "example@email.com" }</pre>	No links
403	Not authorized	No links

GET /user/{id}



Parameters

Try it out

Name	Description
------	-------------



id * required
integer(\$int32)
(path)

id

Responses

Code	Description	Links
200	User found Media type <div><code>*/*</code></div> Controls Accept header. Example Value Schema <pre>{ "userId": 1, "name": "name", "email": "example@email.com" }</pre>	No links

Code	Description	Links
	}	
403	Not authorized	No links
404	User not found	No links



DELETE /user/{id}  

Parameters Try it out

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="id"/>

Responses

Code	Description	Links
200	Deleted successfully	No links
403	Not authorized	No links
404	Delete failed	No links

GET /user/me  



Parameters Try it out

No parameters



Responses

Code	Description	Links
200	User found	No links

Code	Description	Links
	<p>Media type</p> <div><p><code>*/*</code></p><p>Controls Accept header.</p></div> <p>Example Value Schema</p> <pre>{ "userId": 1, "name": "name", "email": "example@email.com" }</pre>	
403	Not authorized	No links

GET /user/getAll		 			
Parameters		Try it out			
No parameters					
Responses					
Code	Description	Links			
200	<div><div>OK</div><div>Media type</div><div><div>*/*</div></div><div>Controls Accept header.</div><div><div>Example Value</div><div>Schema</div></div><div>{}</div></div>	No links			
403	Not authorized	No links			

Review

POST /review/update/{id}  

Parameters

[Try it out](#)

Name	Description
------	-------------

id * required

integer(\$int32)

(path)

Request body required[application/json](#)**Example Value** Schema

```
{
  "book": 1,
  "user": 1,
  "grade": 4,
  "comment": "great",
  "review date": "2024-04-18T19:20:52.363Z"
}
```

Responses

Code	Description	Links
200	Review updated successfully	No links

Media type



Controls Accept header.

Example Value Schema

Code	Description	Links
	<pre>{ "id": 1, "book": { "id": 1, "title": "title", "isbn": "9788328700789", "author": "author", "publisher": "publisher", "year of publish": 2024, "available": true }, "user": { "userId": 1, "name": "name", "email": "example@email.com" }, "grade": 5, "comment": "great", "review date": "2024-04-18T19:20:52.364Z" }</pre>	
404	Review update failed	No links
409	Not authorized	No links

POST

/review/add



Parameters

Try it out

No parameters

Request body required

application/json

Example Value

Schema



```
{
  "book": 1,
  "user": 1,
  "grade": 4,
  "comment": "great",
  "review date": "2024-04-18T19:20:52.368Z"
}
```

Responses

Code	Description	Links
201	Review added successfully	No links

Media type

Code	Description	Links
	<div><div>*/*</div><div>Controls Accept header.</div></div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>{ "id": 1, "book": { "id": 1, "title": "title", "isbn": "9788328700789", "author": "author", "publisher": "publisher", "year of publish": 2024, "available": true }, "user": { "userId": 1, "name": "name", "email": "example@email.com" }, "grade": 5, "comment": "great", "review date": "2024-04-18T19:20:52.369Z"}</pre></div>	
404	Failed to add loan	No links

GET	/review/{id}	 
Parameters	<div>Try it out</div>	
Name	Description	
id * required	<div><div>integer(\$int32)</div><div>id</div></div>	
(path)		
Responses		
Code	Description	Links
200	Review found	No links
	<div>Media type</div> <div><div>*/*</div><div>Controls Accept header.</div></div>	

Code	Description	Links
<div>Example ValueSchema</div> <pre>{ "id": 1, "book": { "id": 1, "title": "title", "isbn": "9788328700789", "author": "author", "publisher": "publisher", "year of publish": 2024, "available": true }, "user": { "userId": 1, "name": "name", "email": "example@email.com" }, "grade": 5, "comment": "great", "review date": "2024-04-18T19:20:52.373Z"}</pre>		
404	Review not found	No links

DELETE /review/{id}

Try it out

Parameters

Name	Description
id * required	
integer(\$int32)	id
(path)	

Responses

Code	Description	Links
200	Deleted successfully	No links
404	Delete failed	No links
409	Not authorized	No links

GET /review/getAll

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>OK</div> <div>Media type</div> <div><div>*/*</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>[{ "id": 1, "book": { "id": 1, "title": "title", "isbn": "9788328700789", "author": "author", "publisher": "publisher", "year of publish": 2024, "available": true }, "user": { "userId": 1, "name": "name", "email": "example@email.com" }, "grade": 5, "comment": "great", "review date": "2024-04-18T19:20:52.378Z" }]</pre></div>	No links

Loan



POST /loan/update/{id}

Try it out

Parameters

Name	Description
id <div>required</div>	<div>integer(\$int32)</div> <div>id</div>

Name	Description
<i>(path)</i>	

Request body required

application/json

Example Value

Schema



```
{  "book": 1,  "user": 1,  "loan date": "2024-04-18T19:20:52.382Z",  "due date": "2024-04-18T19:20:52.382Z",  "returnDate": "2024-04-18T19:20:52.382Z"}
```

Responses

Code	Description	Links
200	Loan updated successfully	No links
<div>Media type</div> <div><input type="text" value="*/"/></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <pre>{ "loanId": 1, "book": 1, "user": 1, "loanDate": "2024-04-18T19:20:52.383Z", "dueDate": "2024-04-18T19:20:52.383Z", "returnDate": "2024-04-18T19:20:52.383Z"}</pre>		
403	Not authorized	No links
404	Loan update failed	No links

POST

/loan/add

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "book": 1,
  "user": 1,
  "loan date": "2024-04-18T19:20:52.386Z",
  "due date": "2024-04-18T19:20:52.386Z",
  "returnDate": "2024-04-18T19:20:52.386Z"
}
```

Responses

Code	Description	Links
201	Loan added successfully	No links
	<div>Media type</div> <div><input type="text" value="*/"/></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "loanId": 1, "book": 1, "user": 1, "loanDate": "2024-04-18T19:20:52.388Z", "dueDate": "2024-04-18T19:20:52.388Z", "returnDate": "2024-04-18T19:20:52.388Z" }</pre></div>	
403	Not authorized	No links
404	Failed to add loan	No links

GET /loan/{id}



Parameters

Try it out

Name	Description
------	-------------

id ★ required	
integer(\$int32)	
(path)	

Responses

Code	Description	Links
200	<div>Loan found</div> <div>Media type</div> <div><div>*/*</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "loanId": 0, "bookId": { "id": 1, "title": "title", "isbn": "9788328700789", "author": "author", "publisher": "publisher", "year of publish": 2024, "available": true }, "loanDate": "2024-04-18T19:20:52.390Z", "dueDate": "2024-04-18T19:20:52.390Z", "returnDate": "2024-04-18T19:20:52.390Z", "user": { "userId": 1, "name": "name", "email": "example@email.com" } }</pre></div>	No links
403	Not authorized	No links
404	Loan not found	No links

DELETE /loan/{id}



Parameters

Try it out

NameDescription

id * required

integer(\$int32)
(path)

id

Responses

Code	Description	Links
200	Deleted successfully	No links
403	Not authorized	No links
404	Delete failed	No links

GET /loan/getAll



Parameters

Try it out

Name	Description
------	-------------

userId integer(\$int32) (query)	<input type="text" value="userId"/>
---------------------------------------	-------------------------------------

Responses

Code	Description	Links
200	OK	No links

Media type

Controls Accept header.



Example Value Schema

```
[
  {
    "loanId": 0,
    "bookId": {
      "id": 1,
      "title": "title",
      "isbn": "9788328700789",
      "author": "author",
      "publisher": "publisher",
      "year of publish": 2024,
      "available": true
    },
    "loanDate": "2024-04-18T19:20:52.397Z",
    "dueDate": "2024-04-18T19:20:52.397Z",
    "returnDate": "2024-04-18T19:20:52.397Z",
  }
]
```

Code	Description	Links
403	Not authorized	No links

Book details



POST /bookDetails/update/{id}  

Parameters Try it out

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="id"/>

Request body required application/json

Example Value Schema

```
{
  "genre": "fantasy",
  "summary": "summary",
  "book": 1,
  "coverImageURL": "url"
}
```

Responses



Code	Description	Links
200	Book details updated successfully	No links

Media type

Controls Accept header.

Example Value Schema

Code	Description	Links
	<pre>{ "id": 1, "genre": "fantasy", "summary": "summary", "coverImageUrl": "url", "book": 1}</pre>	
403	Not authorized	No links
404	Update failed	No links

POST /bookDetails/add  

Parameters Try it out

No parameters

Request body required application/json

Example Value **Schema**

```
{  "genre": "fantasy",  "summary": "summary",  "book": 1,  "coverImageUrl": "url"}
```

Responses



Code	Description	Links
201	Book details added successfully	No links

Media type

Controls Accept header.

Example Value **Schema**

Code	Description	Links
	<pre>{ "id": 1, "genre": "fantasy", "summary": "summary", "coverImageUrl": "url", "book": 1}</pre>	
403	Not authorized	No links
404	Book details not found	No links



GET /bookDetails/{id}  

Parameters Try it out

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="id"/>

Responses

Code	Description	Links
200	Book details found	No links
	<div>Media type <input type="text" value="*/"/> Controls Accept header.</div> <div>Example Value Schema</div> <pre>{ "id": 1, "genre": "fantasy", "summary": "summary", "coverImageUrl": "url", "book": 1}</pre>	
404	Book details not found	No links

DELETE /bookDetails/{id}  

Parameters

[Try it out](#)

Name	Description
------	-------------

id * required

integer(\$int32)

(path)

Responses

Code	Description	Links
200	Deleted successfully	No links
403	Not authorized	No links
404	Delete failed	No links

GET /bookDetails/getAll

Parameters

[Try it out](#)

No parameters

Responses

Code	Description	Links
200	OK	No links

Media type

Controls Accept header.

Example Value Schema

```
[
  {
    "id": 1,
    "genre": "fantasy",
    "summary": "summary",
    "coverImageUrl": "url",
```

Code	Description	Links
	<pre>"book": 1 }]</pre>	

Book

POST /book/update/{id}



Parameters

Try it out

Name Description

id * required

integer(\$int32)

(path)

id

Request body required

application/json

Example Value Schema

```
{
  "title": "title",
  "author": "author",
  "isbn": "9788328700789",
  "publisher": "publisher",
  "yearOfPublish": 2024,
  "availableCopies": 5
}
```

Responses

Code	Description	Links
------	-------------	-------

200	Book updated successfully	No links
-----	---------------------------	----------

Media type

/

Controls Accept header.



Example Value Schema

```
{
  "id": 1,
  "title": "Title",
}
```

Code	Description	Links
	<pre>"author": "author", "isbn": "9781234567890", "publisher": "Publisher", "yearOfPublish": 2024, "availableCopies": 10 }</pre>	
201	Created	No links
	Media type	
	<div>*/*</div>	
	Example Value Schema	
	<pre>{ "id": 1, "title": "Title", "author": "author", "isbn": "9781234567890", "publisher": "Publisher", "yearOfPublish": 2024, "availableCopies": 10 }</pre>	
403	Not authorized	No links
404	Book not found	No links

POST

/book/add



Parameters

Try it out

No parameters

Request body required



application/json

Example Value Schema



```
{
  "title": "title",
  "author": "author",
  "isbn": "9788328700789",
  "publisher": "publisher",
  "yearOfPublish": 2024,
  "availableCopies": 5
}
```

Responses

Code	Description	Links
201	Book added successfully Media type <div>*/*</div> Controls Accept header. Example Value Schema <pre>{ "id": 1, "title": "Title", "author": "author", "isbn": "9781234567890", "publisher": "Publisher", "yearOfPublish": 2024, "availableCopies": 10}</pre>	No links
403	Not authorized	No links

GET	/book/{id}	 
Parameters		<div>Try it out</div>
Name	Description	
id * required integer(\$int32) (path)	<div>id</div>	
Responses		
Code	Description	Links
200	Book found Media type <div>*/*</div> Controls Accept header. Example Value Schema <pre>{ "id": 1, "title": "title", "isbn": "9788328700789", "author": "author",</pre>	No links

Code	Description	Links
	<pre>"publisher": "publisher", "year of publish": 2024, "available": true }</pre>	
404	Book not found	No links



DELETE /book/{id}  

Parameters Try it out

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="id"/>

Responses

Code	Description	Links
200	Deleted successfully	No links
403	Not authorized	No links
404	Delete failed	No links

GET /book/getAll  

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	OK	No links

Code	Description	Links
	<p>Media type</p> <div>*/*</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{}</pre>	

Auth



POST	/auth/register	
Parameters		Try it out
No parameters		
Request body required		<div>application/json</div>
<p>Example Value Schema</p> <pre>{ "password": "password", "role": "ROLE_LIBRARIAN", "username": "username", "name": "name", "email": "example@email.com" }</pre>		
Responses		
Code	Description	Links
201	<p>Created</p> <p>Media type</p> <div>*/*</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{</pre>	No links

Code	Description	Links
	<pre>"userId": 1, "username": "username", "role": "ROLE_READER" }</pre>	

POST /auth/log		⌵																								
Parameters		<button>Try it out</button>																								
No parameters																										
Request body required		<button>application/json</button>																								
Example Value Schema																										
<pre>{ "username": "username", "password": "password" }</pre>																										
Responses																										
<table><tr><th>Code</th><th>Description</th><th>Links</th></tr><tr><td>201</td><td>Login succeeded</td><td>No links</td></tr><tr><td colspan="3">Media type</td></tr><tr><td colspan="3"><div>*/*</div></td></tr><tr><td colspan="3">Controls Accept header.</td></tr><tr><td colspan="3">Example Value Schema</td></tr><tr><td colspan="3"><pre>{ "token": "token" }</pre></td></tr><tr><td>404</td><td>Login failed</td><td>No links</td></tr></table>			Code	Description	Links	201	Login succeeded	No links	Media type			<div>*/*</div>			Controls Accept header.			Example Value Schema			<pre>{ "token": "token" }</pre>			404	Login failed	No links
Code	Description	Links																								
201	Login succeeded	No links																								
Media type																										
<div>*/*</div>																										
Controls Accept header.																										
Example Value Schema																										
<pre>{ "token": "token" }</pre>																										
404	Login failed	No links																								

DELETE /auth/{username}		🔒 ⌵
Parameters		<button>Try it out</button>

Name	Description
------	-------------

username * required	
----------------------------	--

string	
--------	--

(path)	
--------	--

<input type="text" value="username"/>	
---------------------------------------	--

Responses

Code	Description	Links
200	Deleted successfully	No links
403	Not authorized	No links
404	Delete failed	No links

Schemas

```
CreateUserDto {
  username string
              example: username
  email    string
              example: example@email.com
  name     string
              example: name
}
```

```
GetUserDto {
  userId integer($int32)
              example: 1
  name   string
              example: name
  email  string
              example: example@email.com
}
```

```
ReviewDto    {  
  book        integer($int32)  
              example: 1  
  user        integer($int32)  
              example: 1  
  grade       integer($int32)  
              example: 4  
  comment     string  
              example: great  
  review date string($date-time)  
}
```

```
GetBookDto  {  
  id          integer($int32)  
              example: 1  
  title       string  
              example: title  
  isbn        string  
              example: 9788328700789  
  author      string  
              example: author  
  publisher   string  
              example: publisher  
  year of publish integer($int32)  
              example: 2024  
  available   boolean  
}
```

```
ReviewResponseDto {
  id                integer($int32)
                   example: 1
  book              GetBookDto {
    id              integer($int32)
                   example: 1
    title           string
                   example: title
    isbn            string
                   example: 9788328700789
    author          string
                   example: author
    publisher       string
                   example: publisher
    year of publish integer($int32)
                   example: 2024
    available       boolean
  }
  user              GetUserDto {
    userId          integer($int32)
                   example: 1
    name            string
                   example: name
    email           string
                   example: example@email.com
  }
  grade            number($double)
                   example: 5
  comment          string
                   example: great
  review date      string($date-time)
}
}
```

```
CreateLoanDto {
  book*            integer($int32)
                   example: 1
  user*            integer($int32)
                   example: 1
  loan date*       string($date-time)
  due date*        string($date-time)
  returnDate       string($date-time)
}
}
```

```
CreateLoanResponseDto {
  loanId           integer($int32)
                   example: 1
  book             integer($int32)
                   example: 1
  user             integer($int32)
                   example: 1
  loanDate         string($date-time)
  dueDate          string($date-time)
  returnDate       string($date-time)
}
}
```

```
BookDetailsDto    {  
  genre            string  
                  example: fantasy  
  summary          string  
                  example: summary  
  book             integer($int32)  
                  example: 1  
  coverImageUrl    string  
                  example: url  
}
```

```
BookDetailsResponseDto {  
  id              integer($int32)  
                  example: 1  
  genre          string  
                  example: fantasy  
  summary        string  
                  example: summary  
  coverImageUrl  string  
                  example: url  
  book           integer($int32)  
                  example: 1  
}
```

```
CreateBookDto    {  
  title          string  
                  example: title  
  author         string  
                  example: author  
  isbn           string  
                  example: 9788328700789  
  publisher      string  
                  example: publisher  
  yearOfPublish  integer($int32)  
                  example: 2024  
  availableCopies integer($int32)  
                  example: 5  
}
```

```
CreateBookResponseDto {  
  id              integer($int32)  
                  example: 1  
  title          string  
                  example: Title  
  author         string  
                  example: author  
  isbn           string  
                  example: 9781234567890  
  publisher      string  
                  example: Publisher  
  yearOfPublish  integer($int32)  
                  example: 2024  
  availableCopies integer($int32)  
                  example: 10  
}
```

```
RegisterDto  {
  password*   string
              example: password
  role*       string
              example: ROLE_LIBRARIAN
              Enum:
                Array [ 2 ]
  username*   string
              example: username
  name*       string
              example: name
  email*      string
              example: example@email.com
}
```

```
RegisterResponseDto  {
  userId      integer($int32)
              example: 1
  username    string
              example: username
  role        string
              example: ROLE_READER
              Enum:
                [ ROLE_LIBRARIAN, ROLE_READER ]
}
```

```
LoginDto  {
  username*   string
              example: username
  password*   string
              example: password
}
```

```
LoginResponseDto  {
  token       string
              example: token
}
```

```
GetLoanResponseDto {
  loanId          integer($int32)
  bookId          GetBookDto {
    id             integer($int32)
                  example: 1
    title          string
                  example: title
    isbn           string
                  example: 9788328700789
    author         string
                  example: author
    publisher      string
                  example: publisher
    year of publish integer($int32)
                  example: 2024
    available      boolean
  }
  loanDate        string($date-time)
  dueDate         string($date-time)
  returnDate      string($date-time)
  user            GetUserDto {
    userId         integer($int32)
                  example: 1
    name           string
                  example: name
    email          string
                  example: example@email.com
  }
}
```