≡

LibraryAPI

LibraryCard

GET GetAll

> https://localhost:7015/api/LibraryCard

Get a list of all library card holders.

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/LibraryCard'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "name": "Hello",
    "id": 1,
    "card_number": "XHFO1"
  },
  {
    "name": "Hi",
    "id": 2,
    "card_number": "12345"
```

View More

GET GetOne

GET GetOne

Documentation Settings ▼

> https://localhost:7015/api/LibraryCard/12345

Get a specific library card holder by the card number. This is used to make sure the library card exists.

Example Request   GetOne

```
curl --location --request GET 'https://localhost:7015/api/LibraryCard/12345'
```

Example Response   200 OK

Body   Header (4)

```
{
  "name": "Hi",
  "id": 2,
  "card_number": "12345"
}
```

POST Add

> https://localhost:7015/api/LibraryCard

Adds a new library card to the collection.

BODY raw

```
{
    "Name": "Bob",
    "Card_number": "2313129873"
}
```

Example Request   Add ▼

```
curl --location --request POST 'https://localhost:7015/api/LibraryCard' \
--data-raw '{
    "Name": "Bob",
    "Card_number": "2313129873"
}'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "name": "Hello",
    "id": 1,
    "card_number": "XHFO1"
  },
  {
    "name": "Hi",
    "id": 2,
    "card_number": "12345"
```

View More

DEL DelCard

https://localhost:7015/api/LibraryCard/8

Deletes the library card with the matching primary key given in the uri.

Example Request   DelCard

```
curl --location --request DELETE 'https://localhost:7015/api/LibraryCard/8'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "name": "Hello",
    "id": 1,
    "card_number": "XHFO1"
  },
  {
    "name": "Hi",
    "id": 2,
    "card_number": "12345"
```

View More

Staff

GET StaffGetAll

https://localhost:7015/api/Staff

Get a list of all currently registered staff members.

Example Request   StaffGetAll

```
curl --location --request GET 'https://localhost:7015/api/Staff' \
--data-raw ''
```

Example Response   200 OK

Body   Header (4)

≡   Documentation Settings ▼

```
[
  {
    "name": "Joshua",
    "id": 1,
    "staff_num": "1234",
    "phone_num": "403-111-1111",
    "position": "Employee",
    "branch_id": "123"
  },                                              View More
  {
```

GET StaffGetLogin

```
https://localhost:7015/api/Staff/1234
```

Find a staff member by their unique staff id, if the id exists then the login is successful, if not the login fails.

Example Request   StaffGetLogin

```
curl --location --request GET 'https://localhost:7015/api/Staff/1234' \
--data-raw ''
```

Example Response   200 OK

 Body   Header (4)

```
{
  "name": "Joshua",
  "id": 1,
  "staff_num": "1234",
  "phone_num": "403-111-1111",
  "position": "Employee",
  "branch_id": "123"
}
```

POST CreateNewStaff

☰ https://localhost:7015/api/Staff   Documentation Settings   ▼

Create a new staff member and save their information into the database.

BODY raw

```
{
    "Name": "Bob",
    "Staff_num": "111",
    "phone_num": "123-456-7891",
    "position": "librarian",
    "Branch_id": "101010"
}
```

Example Request   CreateNewStaffExample

```
curl --location --request POST 'https://localhost:7015/api/Staff' \
--data-raw '{
    "Name": "Bob",
    "Staff_num": "111",
    "phone_num": "123-456-7891",
    "position": "librarian",
    "Branch_id": "101010"
}'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "name": "Joshua",
    "id": 1,
    "staff_num": "1234",
    "phone_num": "403-111-1111",
    "position": "Employee",
    "branch_id": "123"
  },
```
                            View More
```
  {
```

DEL DelStaff

https://localhost:7015/api/Staff/6

Documentation Settings ▼

Remove the staff member at primary key id 6.

Example Request   DeleteStaff

```
curl --location --request DELETE 'https://localhost:7015/api/Staff/6'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "name": "Joshua",
    "id": 1,
    "staff_num": "1234",
    "phone_num": "403-111-1111",
    "position": "Employee",
    "branch_id": "123"
  },
  {
```

View More

Loan

GET GetAll

https://localhost:7015/api/Loan

Gets a list of all loans from the database.

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/Loan'
```

≡   Documentation Settings ▼

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "name": "John",
    "card_number": "M1ALN",
    "curr_date": "04/22/2022",
    "due_date": "04/28/2022",
    "title": "Harry Potter",
    "type": ""                          View More
  },
```

POST NewLoan

    https://localhost:7015/api/Loan

Create a new loan when given a object of type loan.

BODY raw

```
{
    "Name": "Bob",
    "Card_number": "1231",
    "Curr_date": "today",
    "Due_date": "today 11:59",
    "Title": "Final Report",
    "Type": "project"
}
```

Example Request   NewLoan

```
curl --location --request POST 'https://localhost:7015/api/Loan' \
--data-raw '{
    "Name": "Bob",
    "Card_number": "1231",
    "Curr_date": "today",
    "Due_date": "today 11:59",
    "Title": "Final Report",
```

```
    "Type": "project"
}'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "name": "John",
    "card_number": "M1ALN",
    "curr_date": "04/22/2022",
    "due_date": "04/28/2022",
    "title": "Harry Potter",
    "type": ""                              View More
  },
```

GET GetALoan

    https://localhost:7015/api/Loan/project/Final Report/1231

Gets a specific loan from the database based on which loan has the same type, title, and card number.

Example Request   GetALoan

```
curl --location --request GET 'https://localhost:7015/api/Loan/project/Final Report/1231'
```

Example Response   200 OK

 Body   Header (4)

```
{
  "id": 5,
  "name": "Bob",
  "card_number": "1231",
  "curr_date": "today",
  "due_date": "today 11:59",
  "title": "Final Report",
  "type": "project"
}
```

☰

DEL RemoveLoan

https://localhost:7015/api/Loan/6

Removes the loan with the matching prime key id given in the url.

Example Request   RemoveLoan

```
curl --location --request DELETE 'https://localhost:7015/api/Loan/6'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "id": 1,
    "name": "John",
    "card_number": "M1ALN",
    "curr_date": "04/22/2022",
    "due_date": "04/28/2022",
    "title": "Harry Potter",
    "type": ""                              View More
  },
```

Library

GET GetAll

https://localhost:7015/api/Library

Gets a list of all library branches and their information thats stored in the database.

☰   Documentation Settings   ▼

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/Library'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 10101,
    "libraryBranch": "Kanto",
    "libraryAddress": "124 Conch St. \n Kanto OC Y7U 6R3",
    "libraryPhone": "(555)-0101"
  },
  {
    "id": 100100,                            View More
    "libraryBranch": "Emerald",
```

GET GetALibrary

```
https://localhost:7015/api/Library/777778
```

Gets a specific library branch by the branch id

Example Request   GetALibrary

```
curl --location --request GET 'https://localhost:7015/api/Library/777778'
```

Example Response   200 OK

 Body   Header (4)

```
{
  "id": 777778,
  "libraryBranch": "123",
  "libraryAddress": "321",
  "libraryPhone": "111"
```

}

≡   Documentation Settings ▼

Event

GET GetAll

    https://localhost:7015/api/Event

Get a list of all events in the database.

Example Request   GetAll

curl --location --request GET 'https://localhost:7015/api/Event'

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "eventName": "Kids Reading Day",
    "eventDate": "2022-04-12T17:00:00",
    "eventDuration": 1,
    "eventLibraryId": 10101
  },
  {                                    View More
    "id": 2,
```

GET GetAEvent

    https://localhost:7015/api/Event/1

Get a specific event based on the prime key input given in the url.

≡   Documentation Settings ▼

Example Request   GetAEvent

```
curl --location --request GET 'https://localhost:7015/api/Event/1'
```

Example Response   200 OK

Body   Header (4)

```
{
  "id": 1,
  "eventName": "Kids Reading Day",
  "eventDate": "2022-04-12T17:00:00",
  "eventDuration": 1,
  "eventLibraryId": 10101
}
```

Hold

GET GetAll

https://localhost:7015/api/Hold

Get a list of all hold request in the database.

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/Hold'
```

Example Response   200 OK

Body   Header (4)

Documentation Settings ▼

```json
[
  {
    "id": 1,
    "name": "J",
    "card_number": "",
    "hold_date": "04/22/2022",
    "title": "hello"
  },
  {
    "id": 2,
```

View More

```json
    "id": 2,
```

POST AddHold

https://localhost:7015/api/Hold

Creates a new held item in the database.

BODY raw

```json
{
    "Name": "Bob",
    "Card_number": "1234",
    "Hold_date": "today",
    "Title": "final"
}
```

Example Request   AddHold

```
curl --location --request POST 'https://localhost:7015/api/Hold' \
--data-raw '{
    "Name": "Bob",
    "Card_number": "1234",
    "Hold_date": "today",
    "Title": "final"
}'
```

Example Response   200 OK

Body   Header (4)

```
[
  {
    "id": 1,
    "name": "J",
    "card_number": "",
    "hold_date": "04/22/2022",
    "title": "hello"
  },
  {                           View More
    "id": 2,
```

Contact

GET GetAll

    https://localhost:7015/api/ContactForm

Gets a list of all the contact forms stored in the database.

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/ContactForm'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 2,
    "contactFirstName": "Josh",
    "contactLastName": "Kim",
    "contactEmail": "1@1.com",
    "contactMessage": "Hello",
    "contactLibrary": null
  },                          View More
```

{

☰

POST CreateNewContactForm

> https://localhost:7015/api/ContactForm

Creates a new Contact Form. Returns just the one contact form that was created.

BODY raw

```
{
    "ContactFirstName": "Bob",
    "ContactLastName": "Bob",
    "ContactEmail": "1@2.com",
    "ContactMessage": "Hi",
    "ContactLibrary": {
        "LibraryBranch": "122",
        "LibraryAddress": "322",
        "LibraryPhone": "1112"                    View More
    }
```

Example Request   CreateNewContactForm

```
curl --location --request POST 'https://localhost:7015/api/ContactForm' \
--data-raw '{
    "ContactFirstName": "Bob",
    "ContactLastName": "Bob",
    "ContactEmail": "1@2.com",
    "ContactMessage": "Hi",
    "ContactLibrary": {
        "LibraryBranch": "122",
        "LibraryAddress": "322",              View More
        "LibraryPhone": "1112"
```

Example Response   200 OK

Body   Header (4)

☰   Documentation Settings   ▼

```
{
  "id": 3,
  "contactFirstName": "Bob",
  "contactLastName": "Bob",
  "contactEmail": "1@2.com",
  "contactMessage": "Hi",
  "contactLibrary": {
    "id": 777779,
    "libraryBranch": "122",                      View More
    "libraryAddress": "322",
```

Book

GET GetAll

https://localhost:7015/api/Book

Get a list of all the books in the database.

Example Request   GetAll

```
curl --location --request GET 'https://localhost:7015/api/Book'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 5,
    "title": "Harry Potter",
    "location": "124 Conch St.   Kanto OC Y7U 6R3",
    "author": "J.K. Rowling",
    "copies": 11,
    "publisher": "CPSC471",
    "distribution": "physical",
```
                                            View More

```
     "genre": "fantasy"
```

☰   Documentation Settings   ▼

GET GetById

> https://localhost:7015/api/Book/5

Get a specific book by its prime key value id.

Example Request	GetById

```
curl --location --request GET 'https://localhost:7015/api/Book/5'
```

Example Response	200 OK

Body   Header (4)

```
{
  "id": 5,
  "title": "Harry Potter",
  "location": "124 Conch St.   Kanto OC Y7U 6R3",
  "author": "J.K. Rowling",
  "copies": 11,
  "publisher": "CPSC471",
  "distribution": "physical",
  "genre": "fantasy"
}
```
                                            View More

GET GetByTitle

> https://localhost:7015/api/Book/books/The Hobbit

Get a specific book by its title.

Example Request	GetByTitle

```
curl --location --request GET 'https://localhost:7015/api/Book/books/The Hobbit'
```

curl --location --request GET 'https://localhost:7015/api/Book/books/The Hobbit

☰   Documentation Settings ▼

Example Response   200 OK

   Body   Header (4)

```
{
  "id": 8,
  "title": "The Hobbit",
  "location": "Calgary",
  "author": "J.R. Tolken",
  "copies": 5,
  "publisher": "CPSC471",
  "distribution": "physical",
  "genre": "fantasy"                       View More
}
```

GET GetByGenre

   https://localhost:7015/api/Book/f/fantasy

Filter through all the books and only select the ones with the genre that matches the one given in the url.

Example Request   GetByGenre

```
curl --location --request GET 'https://localhost:7015/api/Book/f/fantasy'
```

Example Response   200 OK

   Body   Header (4)

```
[
  {
    "id": 5,
    "title": "Harry Potter",
    "location": "124 Conch St.   Kanto OC Y7U 6R3",
    "author": "J.K. Rowling",
    "copies": 11,
    "publisher": "CPSC471",
    "distribution": "physical",          View More
    "genre": "fantasy"
```

POST AddBook Documentation Settings ▼

> https://localhost:7015/api/Book

Add a new book to the database.

BODY raw

```
{
    "Title": "Charlotte's Web",
    "Location": "221B Baker St. Gotham NJ H9X 2D3",
    "Author": "E. B. White",
    "Copies": 0,
    "Publisher": "Harper & Brothers",
    "Distribution": "physical",
    "Genre": "children's"
}
```

Example Request   AddBook

```
curl --location --request POST 'https://localhost:7015/api/Book' \
--data-raw '{
    "Title": "Charlotte'\''s Web",
    "Location": "221B Baker St. Gotham NJ H9X 2D3",
    "Author": "E. B. White",
    "Copies": 0,
    "Publisher": "Harper & Brothers",
    "Distribution": "physical",
    "Genre": "children'\''s"            View More
}'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 5,
    "title": "Harry Potter",
    "location": "124 Conch St.   Kanto OC Y7U 6R3",
    "author": "J.K. Rowling",
    "copies": 11,
    "publisher": "CPSC471",
    "distribution": "physical",            View More
    "genre": "fantasy"
```

≡   Documentation Settings ▼

PUT UpdateBook

> https://localhost:7015/api/Book

Updates an existing book in the database.

BODY raw

```
{
        "id": 10,
        "title": "Charlotte's Web",
        "location": "221B Baker St. Gotham NJ H9X 2D3",
        "author": "E. B. White",
        "copies": 3,
        "publisher": "Harper & Brothers",
        "distribution": "physical",
        "genre": "children's"                    View More
}
```

Example Request   UpdateBook

```
curl --location --request PUT 'https://localhost:7015/api/Book' \
--data-raw '{
        "id": 10,
        "title": "Charlotte'\''s Web",
        "location": "221B Baker St. Gotham NJ H9X 2D3",
        "author": "E. B. White",
        "copies": 3,
        "publisher": "Harper & Brothers",
        "distribution": "physical",            View More
        "genre": "children'\''s"
```

Example Response   200 OK

  Body   Header (4)

☰   Documentation Settings   ▼

```
[
  {
    "id": 5,
    "title": "Harry Potter",
    "location": "124 Conch St.    Kanto OC Y7U 6R3",
    "author": "J.K. Rowling",
    "copies": 11,
    "publisher": "CPSC471",
    "distribution": "physical",       View More
    "genre": "fantasy"
```

DEL DelBook

https://localhost:7015/api/Book/9

Deletes the book with the primary key value given in the url.

Example Request   DelBook

```
curl --location --request DELETE 'https://localhost:7015/api/Book/9'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 5,
    "title": "Harry Potter",
    "location": "124 Conch St.    Kanto OC Y7U 6R3",
    "author": "J.K. Rowling",
    "copies": 11,
    "publisher": "CPSC471",
    "distribution": "physical",       View More
    "genre": "fantasy"
```

CD/DVD

CD/DVD

☰   Documentation Settings   ▼

GET GetAll

https://localhost:7015/api/Cdvd

Get a list of all CD/DVD's stored in the database.

Example Request	GetAll

```
curl --location --request GET 'https://localhost:7015/api/Cdvd'
```

Example Response	200 OK

Body   Header (4)

```
[
  {
    "id": 1,
    "title": "Avenger",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 3,
    "releaseYear": "2012",
    "distribution": "DVD",        View More
    "genre": "action"
```

GET GetById

https://localhost:7015/api/Cdvd/1

Get a CD/DVD by the prime key id given in the url.

Example Request	GetById

```
curl --location --request GET 'https://localhost:7015/api/Cdvd/1'
```

curl --location --request GET 'https://localhost:7015/api/Cdvd/1

☰   Documentation Settings   ▼

Example Response   200 OK

 Body   Header (4)

```
{
  "id": 1,
  "title": "Avenger",
  "location": "New York",
  "producer": "Kevin Feige",
  "copies": 3,
  "releaseYear": "2012",
  "distribution": "DVD",
  "genre": "action"
}
```
                                              View More

GET GetByTitle

> https://localhost:7015/api/Cdvd/cdvds/Avenger

Get the CD/DVD by the title of the CD/DVD given in the url.

Example Request   GetByTitle

curl --location --request GET 'https://localhost:7015/api/Cdvd/cdvds/Avenger'

Example Response   200 OK

 Body   Header (4)

```
{
  "id": 1,
  "title": "Avenger",
  "location": "New York",
  "producer": "Kevin Feige",
  "copies": 3,
  "releaseYear": "2012",
  "distribution": "DVD",
  "genre": "action"
}
```
                                              View More

POST AddCD/DVD

> https://localhost:7015/api/Cdvd

Add a new cd or dvd to the database

BODY raw

```
{
    "title": "Spiderman",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 2,
    "releaseYear": "2017",
    "distribution": "DVD",
    "genre": "action"
}
```

Example Request   AddCD/DVD

```
curl --location --request POST 'https://localhost:7015/api/Cdvd' \
--data-raw '{
    "title": "Spiderman",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 2,
    "releaseYear": "2017",
    "distribution": "DVD",
    "genre": "action"                      View More
}'
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "title": "Avenger",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 3,
    "releaseYear": "2012",
    "distribution": "DVD",              View More
    "genre": "action"
```

Documentation Settings ▼

PUT UpdateCD/DVD

> https://localhost:7015/api/Cdvd

Update an existing CD/DVD in the database.

BODY raw

```
{
        "id": 2,
        "title": "Flash",
        "location": "1",
        "producer": "1",
        "copies": 1,
        "releaseYear": "1",
        "distribution": "CD",
        "genre": "SuperHero"
}
```

View More

Example Request   Update

```
curl --location --request PUT 'https://localhost:7015/api/Cdvd' \
--data-raw '{
        "id": 2,
        "title": "Flash",
        "location": "1",
        "producer": "1",
        "copies": 1,
        "releaseYear": "1",
        "distribution": "CD",
        "genre": "SuperHero"
```

View More

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "title": "Avenger",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 3,
    "releaseYear": "2012",
    "distribution": "DVD",          View More
    "genre": "action"
```

DEL DelCD/DVD

https://localhost:7015/api/Cdvd/2

Delete a CD or DVD from the database by its prime key

Example Request   DelCD/DVD

```
curl --location --request DELETE 'https://localhost:7015/api/Cdvd/2' \
--data-raw ''
```

Example Response   200 OK

 Body   Header (4)

```
[
  {
    "id": 1,
    "title": "Avenger",
    "location": "New York",
    "producer": "Kevin Feige",
    "copies": 3,
    "releaseYear": "2012",
```