

**Book API Request Calls:**

Get All Books:	localhost/api/books/	returns List of BookDto
Get Single Book (by Id):	localhost/api/books/{bookId}	returns BookDto
Get Single Book (by ISBN):	localhost/api/books/ISBN/{bookIsbn}	returns BookDto
Get Book Rating:	localhost/api/books/{bookId}/rating	returns decimal
Create Book:	localhost/api/books?{uri parameters}	
Update Book:	localhost/api/books/{bookId}?{uri parameters}	
Delete Book	localhost/api/books/{bookId}	

**Author API Request Calls:**

Get All Authors:	localhost/api/authors/	returns List of AuthorDto
Get Single Author (by Id):	localhost/api/authors/{authorId}	returns AuthorDto
Get Authors Of a Book:	localhost/api/authors/books/{bookId}	returns List of AuthorDto
Get Books By Author:	localhost/api/authors/{authorId}/books	returns List of BookDto
Create Author:	localhost/api/authors	
Update Author:	localhost/api/authors/{authorId}	
Delete Author:	localhost/api/authors/{authorId}	

**Country API Request Calls:**

Get All Countries:	localhost/api/countries/	returns List of CountryDto
Get Single Country (by Id):	localhost/api/countries/{countryId}	returns CountryDto
Get Country Of an Author:	localhost/api/countries/authors/{authorId}	returns CountryDto
Get Authors From a Country:	localhost/api/countries/{countryId}/authors	returns List of AuthorDto
Create Country:	localhost/api/countries	
Update Country:	localhost/api/countries/{countryId}	
Delete Country:	localhost/api/countries/{countryId}	

**Category API Request Calls:**

Get All Categories:	localhost/api/categories/	returns List of CategoryDto
Get Single Category (by Id):	localhost/api/categories/{categoryId}	returns CategoryDto
Get All Books For Category:	localhost/api/categories/{categoryId}/books	returns List of BookDto
Get All Categories For A Book:	localhost/api/categories/books/{bookId}	returns List of CategoryDto
Create Category:	localhost/api/categories	
Update Category:	localhost/api/categories/{categoryId}	
Delete Category:	localhost/api/categories/{categoryId}	

### Reviewer API Request Calls:

Get All Reviewers:	localhost/api/reviewers/	returns List of ReviewerDto
Get Single Reviewer (by Id):	localhost/api/reviewers /{reviewerId}	returns ReviewerDto
Get Reviewer Of a Review:	localhost/api/reviewers /{reviewId}/reviewer	returns ReviewerDto
Get Reviews By Reviewer	localhost/api/reviewers /{reviewerId}/reviews	returns List of ReviewDto
Create Reviewer:	localhost/api/reviewers	
Update Reviewer:	localhost/api/reviewers /{reviewerId}	
Delete Reviewer:	localhost/api/reviewers /{reviewerId}	

### Review API Request Calls:

Get All Reviews:	localhost/api/reviews/	returns List of ReviewDto
Get Single Review (by Id):	localhost/api/reviews /{reviewerId}	returns ReviewDto
Get Book For a Review:	localhost/api/reviews /{reviewId}/book	returns BookDto
Get Reviews Of a Book:	localhost/api/reviews /books/{bookId}	returns List of ReviewDto
Create Review:	localhost/api/reviews	
Update Review:	localhost/api/reviews /{reviewId}	
Delete Review:	localhost/api/reviews /{reviewId}	

### NOTES:

To create and update book, the uri string needs to contain ids for all books authors and categories.

Author Ids are in format "AuthId"; Category Ids are in format "CatId"

Example: localhost/api/books?AuthId=1&AuthId=4&CatId=2&CatId=3&...

To create or update a book, the book needs to have at least one existing author and one existing category assigned

To create or update author, the author needs one existing country assigned

To create or update review, the review needs one existing reviewer assigned

When deleting a reviewer, all reviews by that reviewer will be deleted too

When deleting a book, all reviews for the book will be deleted too.

### BookDto Properties:

Id; Title; Rating; DatePublished

### AuthorDto Properties:

Id; FirstName; LastName

### CountryDto Properties

Id; Name

### CategoryDto Properties:

Id; Name

### ReviewerDto Properties

Id; FirstName; LastName

### ReviewDto Properties

Id; Headline; Rating; ReviewText

