

LOAN

GET	Make a new Loan
Send all data requests to: localhost:8080/LibraryWebService/rest/loan/takeloan/{[bookId]}/{[userId]}	

GET	Return a new Loan
Send all data requests to: localhost:8080/LibraryWebService/rest/loan/returnloan/{[bookId]}/{[userId]}	

GET	Serch for a loan			
Send all data requests to:				
localhost:8080/LibraryWebService/rest/loan?parameter=[yourkey]				
Poster API requests:				
localhost:8080/LibraryWebService/rest/loan				
Parameters				
Serch by parram				
Parameter	Required	Valid Options	Default value	Description
bookid	No		<empty>	Book id of loan to search for.
userid	No		<empty>	User id of loan to search for.

GET	Get all expired loans
Send all data requests to: localhost:8080/LibraryWebService/rest/loan?expired	

BOOK

GET	Serch for book			
Send all data requests to:				
localhost:8080/LibraryWebService/rest/book?parameter=[yourkey]				
Poster API requests:				
localhost:8080/LibraryWebService/rest/book				
Parameters				
Serch parram				
Parameter	Required	Valid Options	Default value	Description
title	No		<empty>	Book title to search for.
author	No		<empty>	Author to search for.
genre	No		<empty>	Genre to serch for.
isbn	No		<empty>	A valid ISBN ID
<empty>	No		<empty>	List all Books.

GET	Serch for book by id
Send all data requests to: localhost:8080/LibraryWebService/rest/book/[id]	

POST	Cerate book
Send all data requests to: localhost:8080/LibraryWebService/rest/book	
Accepts JSON and XML Example: {"isbn": [isbn], "title": [title], "author": [author], "genre": [genre], "shelf": [shelf], "copies": [copies], "picUrl": [picUrl]}	

PUT		Update book		
Send all data requests to:				
localhost:8080/LibraryWebService/rest/book/[id]?parameter=[yourkey]				
Accepts JSON and XML		Example:		
{ "shelf": [shelf]}				
Parameters				
Update parram				
Parameter	Required	Valid Options	Default value	Description
author	No		<empty>	New author.
copies	No		<empty>	New number of copies.
shelf	No		<empty>	New shelf.

DELETE	Delete book
Send all data requests to: localhost:8080/LibraryWebService/rest/book/[id]	

USER

GET	Serch for user			
Send all data requests to:				
localhost:8080/LibraryWebService/rest/user?parameter=[yourkey]				
Poster API requests:				
localhost:8080/LibraryWebService/rest/user				
Parameters				
Serch by ID or parram				
Parameter	Required	Valid Options	Default value	Description
firstName	No		<empty>	Users first name
lastName	No		<empty>	Users last name
email	No		<empty>	Users email
<empty>	No		<empty>	List all Users

GET	Serch for user by id
Send all data requests to: localhost:8080/LibraryWebService/rest/user/[id]	

POST	Cerate user
Send all data requests to: localhost:8080/LibraryWebService/rest/user	
Accepts JSON and XML Example: {"firstName": [first name], "lastName": [lastName], "email": [email], "password": [password]}	

PUT		Update user		
Send all data requests to:				
localhost:8080/LibraryWebService/rest/user/[id]?parameter=[yourkey]				
Accepts JSON and XML		Example:		
{ "email": [email]}				
Parameters				
Update parram				
Parameter	Required	Valid Options	Default value	Description
lastName	No		<empty>	New last name.
email	No		<empty>	New email.

DELETE	Delete user
Send all data requests to: localhost:8080/LibraryWebService/rest/user/[id]	