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Command	Resource	Input	Output	API Functions
GET	/books/		{“books”:[{“authors”: [“Suzanne Collins”], “title”: “The Hunger Games”, “year”: 2008, “id”: 2767052, “result”: “success”, ...], “result”: “success”}	get_books
POST	/books/	{“authors”: [“Amie Kaufman”, “Jay Kristoff”], “title”: “Illuminae”, “year”: 2015}	{“result”: “success”, “id”: 777777}	set_book
DELETE	/books/		{“result”: “success”}	delete_book
GET	/authors/		{“authors”:[{“author”: “Suzanne Collins”, “books”: [2767052, 659392, ...], “id”: 0, “result”: “success”, ...], “result”: “success”}	
GET	/authors/:key		{“books”: [2767052, 659392, ...], “id”: 0, “result”: “success”}	
GET	/genres/		{“genres”: [{“result”: “success”, “genre”: 11305, “books”: [1, 2, 3, 32769,...]} ...]	
GET	/genres/:key		{“result”: “success”, “genre”: 13054, “books”: [17910054, 1662160, 21, 25014, 25017]}	
GET	/years/:key		{“year”: 2008, “books”: [2767052, 659392, ...], “result”: “success”}	
GET	/books/:book_id		{“authors”: [“Suzanne Collins”], “title”: “The Hunger Games”, “year”: 2008, “id”: 2767052, “result”: “success”}	get_book
PUT	/books/:book_id	{“authors”: [“Amie Kaufman”, “Jay Kristoff”], “title”: “Illuminae”, “year”: 2015}	{“result”: “success”}	set_book
DELETE	/books/:book_id		{“result”: “success”}	delete_book
GET	/recommendations/:num		{“books”:[{“id”: 2767052, “result”: “success”, ...], “result”: “success”}	get_highest_rated_unvoted_book
POST	/recommendations/	{“id”: 777777, “rating”: 4}	{“result”: “success”}	set_book_rating
DELETE	/recommendations/		{“result”: “success”}	delete_all_ratings
GET	/ratings/:book_id		{“rating”: 4.01458545623, “id”: 777777, “result”: “success”}	get_user_book_rating
PUT	/reset/		{“result”: “success”}	delete_all_ratings delete_book load_books load_genres