

Library Books Locator API's

There is a total of 5 API methods , please check the whole document. There is 1 API method per page. ... denotes an array of elements.

1. Get shelves for a specific wing

URL:

/wing/:wing/shelves

Request (GET):

/wing/north/shelve

Response:

```
[
  {
    "label": "Shelf 01",
    "value": "S.17",
    "categories": [
      {
        "label": "Laptop Brand",
        "value": "C.48",
        "categories": [
          {
            "label": "Macbook",
            "value": "C.48.1"
          },
          {
            "label": "ASUS",
            "value": "C.48.2"
          },
          ...
        ]
      }
    ],
  },
  {
    "label": "Sports and Other Activities",
    "value": "C.49",
    "categories": []
  }
],
...
]
```

2. Get shelf info

URL:

/shelves/:id

Request (GET):

/shelf/S.1

Response:

```
{
  "label": "Shelf 17",
  "value": "S.1",
  "categories": [
    {
      "label": "Religion",
      "value": "C.1",
      "categories": [
        {
          "label": "Buddhism",
          "value": "C.1.1"
        },
        {
          "label": "Islam",
          "value": "C.1.2"
        },
        ...
      ]
    }
  ]
}
```

3. Get book under a category

URL:

/categories/:id/books

Request (GET):

/categories/C.1.1/books

Response:

```
[
  {
    "value": "766855ea-69bb-4a09-803c-097e25f04f57",
    "title": "Synergistic contextually-based neural-net",
    "authors": [
      "Darda Minster",
      "Jacklyn Blare",
      "Maurie Georges"
    ],
    "description": "Etiam faucibus cursus urna.",
    "callNo": "06LY3CZ",
    "imageLink": "http://dummyimage.com/180x250.jpg/cc0000/ffffff",
    "link": "https://marketwatch.com/ante/ipsum/primis/in/faucibus/orci/luctus.js",
    "yearPublished": 1998,
    "pubisher": "Haag-Stroman",
    "isNew": true,
    "categories": [
      "C.1.1"
    ],
    "nearby": [
      "52f5f385-61a8-4cbd-9506-aa14b4d12a56",
      "5cb630f7-e44f-42d6-bab5-a7bf6217f1ad",
    ]
  },
  ...
]
```

4. Get book information

URL:

/books/:id

Request (GET):

/books/52f5f385-61a8-4cbd-9506-aa14b4d12a56

Response:

```
{
  "value": "52f5f385-61a8-4cbd-9506-aa14b4d12a56",
  "title": "Enhanced neutral open architecture",
  "authors": [
    "Brenn Guillerman",
    "Yul Hopfer",
    "Kin Vasyukov"
  ],
  "description": "Pellentesque eget nunc.",
  "callNo": "DB21JZZ",
  "imageLink": "http://dummyimage.com/180x250.png/cc0000/ffffff",
  "link": "http://sphinn.com/justo/pellentesque/viverra.jsp",
  "yearPublished": 2000,
  "publisher": "Fahey, Armstrong and Wuckert",
  "isNew": true,
  "categories": [
    "C.1.3"
  ]
}
```

5. Search

URL:

/books?q=:keyword

Request (GET):

/books?q=optional

Response:

```
[
  {
    "value": "e975080a-f462-4db6-962c-8a68b7b143b4",
    "title": "Optional encompassing moderator",
    "authors": [
      "Marni Ferns",
      "Maurizio Hansell",
      "Verla Klimochkin"
    ],
    "description": "Duis consequat dui nec nisi volutpat eleifend.",
    "callNo": "08CHXZZ",
    "imageLink": "http://dummyimage.com/180x250.jpg/dddddd/000000",
    "link": "http://merriam-webster.com/adipiscing/lorem/vitae.js",
    "yearPublished": 2000,
    "pubisher": "Howe Group",
    "isNew": true,
    "categories": [
      "C.100.2"
    ],
    "wing": 1,
    "shelf": 35
  },
  {
    "value": "14da5f4b-9d3d-439a-b76b-099712eedbd0",
    "title": "Optional bandwidth-monitored software",
    "authors": [
      "Mortie Milne",
      "Corliss Muckian",
      "Kev Bachman"
    ],
    "description": "Nulla tellus.",
    "callNo": "03H403Z",
    "imageLink": "http://dummyimage.com/180x250.jpg/5fa2dd/ffffff",
    "link": "http://feedburner.com/mi/sit/amet/lobortis/sapien.jpg",
    "yearPublished": 1996,
    "pubisher": "Hodkiewicz-O'Conner",
    "isNew": false
  },
  ...
]
```