# **API DOCUMENTATION**

**QUERY REST API**

This section contains the API routes for retrieving resources based on the query parameters. It contains different examples of resource retrieval based on the provided query parameters.

###### **Query REST API: Open Educational Resources**

The Open Educational Resources REST API allows the user to retrieve OER materials.

**Available methods**

|  |  |  |
| --- | --- | --- |
| **GET** | **/search** | **Get a list of oer materials** |
|  |  |  |
|  |  |  |

**Get a list of oer materials**

|  |
| --- |
| **GET /search** |

**Query string parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Type | Title | Optional |  |
| offset | integer | offset | true | The number of records from a collection to skip. Iterating over large collections with this parameter can be slow.  Default:0 |
| limit | integer | limit | true | The number of records to return.  Default:100 |
| keyword | string | keyWord | false | Query submitted by user. |
| document | string | document | true | The type of document to query. Can be Video/Text/Book/Audio/Advanced. |
| language | string | language | false | Default: English |

**Response body attributes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Type | Title | Read-only |  |
| abstract | string | Material abstract | true | Summary of the OER material. |
| authors | string | Material authors | true | The names of the OER creator material |
| description | string | Material Description | true | The description of the OER material. |
| date\_updated | date | Material Creation Date | true | The creation date of the OER material. |
| item | string | Material Content source | true | The absolute url of content material. This includes http/https with file extension(.htm/html/pdf/mp4/mp3/docx...) |
| language | string | Material Content Languages | true | Language used to publish material content I.e English, French .. |
| provider\_name | string | Material content provider | true | The name of entity creating material content i.e teachers futures. |
| source | string | Material Content url | true | Website hosting the site.OER material url can be http/https. |
| score | float | Recommendation weight | true | The number representing the relevance of the OER material. Greater weight means bigger relevance. |
| title | string | Material title | true | The title of OER material |
| time\_taken | string | Material result time. | true | The time taken to retrieve results in ms. |
| total\_results |  | Material result count | true | The number of results returned for a given query. Should not exceed the assigned limit. |

<https://sc.coloer.net:3000/search?offset=0&limit=100&keyWord=wifi%20hacking%20password&document=Video&language=English>

**Postman Collection**

{

"id": "8bbdf80e-42c8-4cc9-a401-ab3a7d008481",

"name": "OER",

"timestamp": "2022-03-04T05:01:59.247Z",

"collection\_id": "0-54fc1017-e965-4267-a9af-cc2d319e651c",

"folder\_id": 0,

"environment\_id": "0",

"totalPass": 0,

"totalFail": 0,

"results": [

{

"id": "2724f9a3-9968-4387-89df-5400dd9f2374",

"name": "New Request",

"url": "https://sc.coloer.net:3000/search?offset=0&limit=100&keyWord=wifi%20hacking%20password&document=Text&language=English",

"time": 40,

"responseCode": {

"code": 200,

"name": "OK"

},

"tests": {},

"testPassFailCounts": {},

"times": [

40

],

"allTests": [

{}

]

}

],

"count": 1,

"totalTime": 40,

"collection": {

"requests": [

{

"id": "2724f9a3-9968-4387-89df-5400dd9f2374",

"method": "GET"

}

]

}

}