

Inceptum API Documentation

Overview:

This overview will provide you with an understanding of what data is accessible, how to identify what you need, and what you will see when you submit a request to us. To use the Inceptum API, you must first register for an API key, which should be given with each request. Plus, once we have your contact information, we will be able to notify you of any forthcoming changes.

The simplest approach to determine what data is contained is to browse the data. You may rapidly create complex queries and browse the results. You should be aware of a few things if your application must periodically request the API for updated material. Before beginning, please make sure you have read the polling application guide below.

Endpoints

We provide several endpoints to retrieve different items:

- Content

- Tags
- Sections
- Editions
- Single Item

For each endpoint:

- Use parameters to filter results
- Use parameters to expose more data when desired
- By default results are a paginated list with 10 entries per result.

Content:

All of the content in the API is returned by the content endpoint (/search). For instance, let's check to see whether there is any content on AI Data Storage.

<https://content.inceptumapis.com/search?q=aidatastorage>

Only results that contain that search query are shown here thanks to the q parameter.

Since there are a lot of results in this instance, we might wish to narrow down the response to something more relevant, like searching for data stored in 2024 for instance:

<https://content.inceptumapis.data/search?q=storage&tag=ai/data&from-date=2024-01-01&api-key=test>

Query Operators:

The q parameter supports **AND**, **OR** and **NOT** operators.

Deep Learning AND Reinforcement Learning

<https://content.inceptumapis.data/search?q=deeplearning%20AND%20reinforcementlearning&tag=ai/data&from-date=2024-01-01&api-key=test>) returns only data that contains both “Deep Learning” and “Reinforcement Learning”.

Deep Learning AND NOT Reinforcement Learning

<https://content.inceptumapis.data/search?q=deeplearning%20AND%20NOT%20reinforcementlearning&tag=ai/data&from-date=2024-01-01&api-key=test>

[01-01&api-key=test](#)) returns only data that contains “Deep Learning” but does not contain “Reinforcement Learning”.

The **AND** operator has higher precedence than **OR**, but you can use parentheses to override this behavior. For instance:

Deep Learning AND (Reinforcement Learning OR Supervised Learning)

[https://content.inceptumapis.data/search?q=deeplearning%20AND%20\(reinforcementlearning%20ORSupervisedlearning\)&tag=ai/data&from-date=2024-01-01&api-key=test](https://content.inceptumapis.data/search?q=deeplearning%20AND%20(reinforcementlearning%20ORSupervisedlearning)&tag=ai/data&from-date=2024-01-01&api-key=test)) returns only data that contains “Deep Learning” and at least one of the following “Reinforcement Learning” or “Supervised Learning”.

Tags:

The tags endpoint (/tags) returns a tags in the API. ALL Inceptum data is manually categorized using these tags, of which there are more than 20000.

Endpoint URL

- <http://content.inceptumapis.com/tags>

Example response

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```
1  {
2    "response": {
3      "status": "ok",
4      "userTier": "developer",
5      "total": 21,
6      "startIndex": 1,
7      "pageSize": 9,
8      "currentPage": 1,
9      "pages": 7,
10     "results": [
11       {
12         "id": "fakedata/ai002",
13         "type": "keyword",
14         "webTitle": "Reinforcement Learning",
15         "webUrl": "https://www.inceptum.data/fakedata",
16         "apiUrl": "http://beta.content.inceptumapis.c",
17         "sectionId": "fakedata",
18         "sectionName": "ai002"
19       }
20     ]
21   }
22 }
```

Field	Description	Type
Status	Refers to the state of the API. Successful calls will receive an "ok" even if your query did not return any results	String
Total	The number of results available for your search overall	Integer
StartIndex	?	Integer
pageSize	The number of items returned in this call	Integer
currentPage	The number of the page you are browsing	Integer
pages	The total amount of pages that are in this call	Integer
id	The id of the tag	String
type	The type of the tag	String
webUrl	The URL of the html content	String
apiUrl	The URL of the raw content	String
sectionId	The id of the section	String
sectionName	The name of the section	String

Sections:

All of the API's sections are returned by the section endpoint(/sections). We logically group our information into parts. The unsupervised learning area of this API description, for instance, is where you will find that technologically related content, including articles about deep learning, artificial intelligence, Inceptum AI data storage, and other topics, is grouped together.

You can see how this may be appended to either our website url (webUrl) to view the web representation of that content or the api url (apiUrl) to view the API representation of that content. Each section in the section's endpoint response has its own id value.

The API would identify your request for an apiUrl value as a single item request for a section and reply with the content we have stored for that section.

Endpoint URL

- <http://content.inceptumapis.com/section>

Example response


```
1  {
2  "response": {
3      "status": "ok",
4      "userTier": "developer",
5      "total": 1,
6      "results": [
7          {
8              "id": "supervised_learning",
9              "webTitle": "supervised_learning",
10             "webUrl": "https://www.inceptum.data/superv",
11             "apiUrl": "https://content.inceptumapis.com",
12             "editions": [
13                 {
14                     "id": "supervised_learning",
15                     "webTitle": "supervised_learning",
16                     "webUrl": "https://www.inceptum.data/sup",
17                     "apiUrl": "https://content.guardianapis",
18                     "code": "default"
19                 }
20             ]
21         }
22     ]
23 }
24 }
```

response > results > 0 > editions > 0

Field	Description	Type
Status	Refers to the state of the API. Successful calls will receive an "ok" even if your query did not return any results	String
Total	The number of results available for your search overall	Integer
id	The id of the section	String
webTitle	The title display on the web	String
webUrl	The URL of the html content	String
apiUrl	The URL of the raw content	String
Learning Editions	The list of learning editions for this section	
code	The code of the edition	String

Support

The Inceptum Github Account is the best place for questions or to speak to other developers working with the Data Storage API.

For more information you can read our [README page](#).

¹This is an api documentation for a fictional technology called Inceptum the goal of this api documentation was to demonstrate the author (James Lemaire)'s Developer Api documentation Technical Writing Skills and abilities.

The content on this api documentation is based on the Guardian API Documentation. The original Guardian API Documentation contents were paraphrased & modified in order to create this documentation. All Credits go to the Guardian Api Documentation.

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