Article

Fetching Resources by Page

Use pagination to fetch the next set of objects.

Overview

Some GET requests support pagination of the objects or an object's relationships and relationship views. Specify a `limit` parameter to restrict the number of resources returned. If you don't supply a limit, the API supplies a default one. If you reach the limit to the number of resource objects in a response, the response contains a subset of the resource objects matching your criteria. In this case you must make more requests to get the rest of the objects.

See the corresponding resource's object model for the default fetch limit. If there are more resource objects than permitted by the fetch limit, the response contains a `next` member whose value is a subpath to use in the next request. The subpath contains the `offset` parameter that specifies the next page. Similarly, a `Relationship` object may contain a `next` member that you can use to fetch more objects in a relationship.

For example, you may fetch all objects of a resource type, but specify the amount in the response by using the limit parameter.

```
GET https://api.music.apple.com/v1/storefronts?limit=2
```

If there are more objects to fetch, the response contains a `next` member.

```
{
   "data":[
      {
         "attributes":{
            "defaultLanguageTag":"en-gb",
            "name":"Anguilla",
```

```json
            "supportedLanguageTags":[
                "en-gb"
                ]
            },
            "href":"/v1/storefronts/ai",
            "id":"ai",
            "type":"storefronts"
        },
        {
            "attributes":{
                "defaultLanguageTag":"en-gb",
                "name":"Antigua and Barbuda",
                "supportedLanguageTags":[
                "en-gb"
                ]
            },
            "href":"/v1/storefronts/ag",
            "id":"ag",
            "type":"storefronts"
        }
    ],
    "next":"/v1/storefronts?offset=2"
}
```

Pass the `next` subpath, and optionally, use the `limit` parameter again, in the next request.

```
GET https://api.music.apple.com/v1/storefronts?offset=2&limit=2
```

Continue requesting the resource objects until the `next` member no longer appears in the response.

See Also

Essentials

📄 Generating Developer Tokens

Generate a developer token needed to make requests to Apple Music API.

📄 User Authentication for MusicKit

Authenticate requests for user data using the Music User Token.

▤ Handling Requests and Responses

Write a request and handle responses from the API.

▤ Handling Resource Representation and Relationships

Fetch resources with extended attributes and included relationships and relationship views.

☰ Storefronts and Localization

Pick a region-specific geographic location from which to retrieve catalog information, or retrieve information from the user's personal library.

☰ Common Objects

Understand the common JSON objects that framework responses contain.

▤ Managing Content Ratings, Alternate Versions, and Equivalencies

Handle multiple and alternate versions of content.