
Audible API

Developer Reference

Version 1.0



Audible API: Developer Reference

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Welcome

Introduction

Welcome to the **Audible API Developer Reference**. This guide covers how to access and use the Audible API.

The Audible API provides third party developers the capabilities to browse the Audible catalog, retrieve customer recommendations, playback spoken word content, and more.

Some quick info about the API:

- The Audible API has a REST interface.
- Responses are formatted in JSON.
- Response groups are used to give the caller fine grained control over what is returned.
- Authentication is made using Login With Amazon (LWA).

By consuming the Audible API, you consent to our [Hackathon Prototype License Agreement](#). If you use the Login with Amazon API, then you agree to the [Login with Amazon Agreement](#).

Interface Description

Audible API is a RESTful interface for programmatically interacting with content from [Audible](#). It is accessed from the domain pertaining to the target Audible marketplace, replacing "www" with "api". This document describes the 1.0 version of the API; all URL paths start with that version number. All API access is over [HTTPS](#). Data is sent as either query string parameters or as a JSON body payload, depending on the HTTP method. Responses are served as JSON.

For example, URLs for API endpoints in the US marketplace start with `https://api.audible.com/1.0/`, while URLs for the UK marketplace start with `https://api.audible.co.uk/1.0/`.

How to Read This Document

This documentation serves as a guide to core concepts specific to Audible API and as a reference for the API operations.

The next few chapters describe concepts that are required for making effective use of the interface. This includes how to authenticate to the system and how to request specific data points. It also illustrates example usages.

The bulk of the document consists of the reference material about the API actions and the data types they use. The action pages are organized by the URI and HTTP method. Each action page contains the following information:

- Description of the response or side-effect of the action.
- The HTTP syntax used to invoke the action, including URI of the action, its HTTP method, and how parameters should be provided.
- Detailed information about each request parameter.
- The HTTP syntax used to interpret the action response.
- Detailed information about each response field.
- A listing of possible errors that the action could raise.

The data type pages further define complex types that are returned as HTTP responses or can be provided as HTTP request payloads.

The document ends with a glossary that defines technical and domain-specific terms that appear in this documentation or as part of the API.

Getting Started Using the Audible API

This section guides you through the steps required to access Audible API for the first time. It describes registering for an Amazon developer profile and requesting access to Audible API scopes.

Topics

- [Developer Profile Registration](#) (p. 3)
- [Request Access to Audible API](#) (p. 4)

Developer Profile Registration

Amazon Developer Portal and Login with Amazon

The [Amazon Developer Portal](#) is a self-service account management tool for developers using Amazon tools, services, and SDKs. It also provides distribution channels for mobile apps, digital software, and video games. The portal offers access to many services from Amazon, and developers are free to use as many or as few of them as they desire.

One of the services available through the Amazon Developer Portal is [Login with Amazon](#), an implementation of the [OAuth 2.0](#) specification for authorization flows. Audible API uses Login with Amazon to enable client applications to make authenticated requests on behalf of Audible customers. This allows you to build rich, customer-focused experiences, while giving the end user full control over the use of her data.

If you already are using Amazon resources in the Amazon Developer Portal, you can combine them with Login with Amazon to create an application that uses Audible API and other services together. If you are just starting, creating a new developer profile is easy.

Sign Up

To create a developer profile, navigate to the [portal sign-in page](#). You can use an existing Amazon.com account or create a new one. You will then be asked to complete a registration form. Supply your contact information and agree to the platform requirements. If you are distributing your application through the Amazon distribution channels, you can supply payments information for monetizing your work.

Creating a Security Profile and Configuring OAuth

After registering a developer profile, you can add Login with Amazon to your developer account. Detailed instructions for this process can be found in the [Login with Amazon documentation](#).

First, [register a security profile](#). A security profile contains OAuth credentials and API keys, which can be shared with one or more applications. You can create as many security profiles as you wish. Applications that use the same security profile can share some types of data.

Next, [enable Login with Amazon](#). You will be asked to supply a privacy notice that governs how your application will use customer data.

Finally, configure Login with Amazon to work with your application. The details of how to do this depend on whether your application is a [website](#) or a mobile application like those on [iOS](#) or [Android](#).

Request Access to Audible API

Identify Desired Scopes

Audible API resources are limited by OAuth scopes. Scopes are used by client applications to specify which resources you need. Prior to using the API, you must discern which resources you'll require and, therefore, which scopes you will need to request.

The following table lists the Audible API scopes and the resources they guard.

Scope	Resource	Description
audible:annotations_read	GET /1.0/annotations	Permission to view your Audible audiobook bookmarks and current position information.
audible:browse_read	GET /1.0/pages GET /1.0/recommendations	Permission to access personalized browsing of the Audible catalog.
audible:catalog_read	GET /1.0/catalog	Permission to browse Audible's catalog.
audible:content_read	GET,POST /1.0/content	Permission to play your Audible audiobooks.

Make Request for Scope Access

After identifying the scopes your application will require, you must get access from Audible to use those scopes. Send an email to <audible-api-onboarding@audible.com> with the following information:

- Your OAuth Client-ID, as shown in the [Amazon Developer Portal](#).
- The Audible API scopes your application will require.
- A short description of your application and an explanation of how you intend on using the Audible API resources guarded by the requested scopes.

Do not fret about getting the list of scopes exactly right up-front. You can easily submit another request to add more scopes to your application later.

Within a short time, Audible will process your request and will inform you when you can start using the Audible API in your application.

Important

You must request and receive approval from Audible to use Audible API. Attempts to acquire an authorization token without approval will fail.

Authenticating to Audible API

Once your developer profile has been registered, configured for Login with Amazon, and granted access to Audible API's scopes, your client code can request authorization tokens. An authorization token is an opaque string that can be supplied as an HTTP header to API requests. The token authenticates the request as originating from your application and, optionally, authenticates an Audible customer for whom you are requesting user data.

The following sections describe how to acquire an authorization token. The technique differs depending on whether the application is acting on behalf of an Audible customer, or if it is acting anonymously. In both cases, though, the resulting token is included in API requests.

Topics

- [Access on Behalf of Audible Customers \(p. 6\)](#)
- [Access Without an Audible Customer Account \(p. 7\)](#)

Access on Behalf of Audible Customers

Overview

Many resources in Audible API contain data that belongs to an Audible customer. Accessing these resources requires specifying the customer account and proving that the client has the customer's authorization to request it. Both of these is accomplished with an [OAuth authorization grant](#). When requesting an authorization grant, the Audible customer using your application will have the opportunity to approve or deny your application's request for access. If she approves, your application will receive an access token to use when making authenticated Audible API requests.

Acquiring an authorization grant is done in one of two ways: by implicit grant or authorization code grant. These concepts are described in great detail in the [Login with Amazon documentation](#). Login with Amazon also has [documentation on crafting requests for either of the grant types](#). As a rule of thumb, use the authorization code grant if you can; use the implicit grant if your application is stateless like an in-browser JavaScript app without server-side scripting.

Using the Implicit Grant

The implicit grant type is the simpler form of getting customer authorization. It is most suitable for client-side applications where there is no capability for storing secret data. It does not allow for long-lived sessions.

Page 18 of [the Login with Amazon documentation](#) includes a detailed guide to using this grant.

Using the Authorization Code Grant

The authorization code grant type is more sophisticated than the implicit grant type, but offers useful advantages. Primarily, this grant type includes a refresh token, allowing Audible customers to remain logged into your application for long periods of time. It is suitable for applications that have a server-side component.

Page 23 of [the Login with Amazon documentation](#) includes a detailed guide to using this grant.

Specifying Scopes

Both of the authorization grant types require the client to indicate the scopes of the API resources it will use. The customer will see the data your application is requesting and she will decide whether to allow the access. The following table lists the Audible API scopes and the resources they guard.

Scope	Resource	Description
audible:annotations_read	GET /1.0/annotations	Permission to view your Audible audiobook bookmarks and current position information.
audible:browse_read	GET /1.0/pages GET /1.0/recommendations	Permission to access personalized browsing of the Audible catalog.
audible:catalog_read	GET /1.0/catalog	Permission to browse Audible's catalog.
audible:content_read	GET,POST /1.0/content	Permission to play your Audible audiobooks.

Access Without an Audible Customer Account

Overview

The best experience using Audible API is on behalf of an Audible customer. When servicing a request for a customer, Audible API can provide data that is specific to her. Obtaining customer credentials is described further in [Access on Behalf of Audible Customers \(p. 6\)](#). That said, some applications consume Audible data on behalf of nobody in particular. This section discusses making Audible API requests without an Audible customer account.

Note

Not all Audible API resources are accessible anonymously. Clearly some resources, like streaming audiobook content, require an authenticated customer to access. If an operation requires customer authentication, that requirement is indicated at the beginning of its API reference document.

Unauthenticated Requests

The easiest way to consume Audible API resources without a customer account is to simply make an HTTP request without an `Authorization` header. This allows developers to easily build applications without having to generate tokens: simply make the request.

Making Requests to Audible API

Overview

Audible API is a RESTful interface to data belonging to Audible and its customers. Client applications can issue HTTP requests to Audible API to access that data. This section describes how to craft those requests.

Selecting Resources

Like most RESTful APIs, clients of Audible API interact with remote resources. A resource is a typed object with attributes. A resource is addressable by a URL, and the path part of the URL reflects the hierarchical relationship of that resource with respect to its parent resources. In some cases, the resource is a single object like an audiobook. Sometimes, the resource is a collection of objects. Clients must identify resources with which they are concerned. For example, an audiobook directory application would be interested in the `/1.0/catalog/categories` and `/1.0/catalog/products` resources, as the objects in those collections contain the attributes that describe audiobooks and how they are organized.

Collection resources usually are located by a path that includes the plural form of the name of the items in the collection. For example, the URL path `/1.0/catalog/categories` identifies the collection resource of categories in Audible's product catalog. Items in a collection are then identified with a path that appends an item identifier as a child of the collection resource path. The URL path `/1.0/catalog/categories/2226657011` identifies the category item resource uniquely identified by the `category_id` "2226657011".

One can perform actions on resources in Audible API. These actions are denoted as [HTTP methods](#). Most operations in Audible API serve to retrieve attributes of a resource; these use the `GET` HTTP method.

Request Formatting

Requests to Audible API must be made using the [HTTP protocol format](#). The request must include a URL, an HTTP method, and various HTTP headers. For some HTTP methods, the request may also include an HTTP body.

The URL of the request should reflect the location of the desired remote resource, as described in the previous section. The HTTP method of the request should correspond to the operation to perform on the resource.

The HTTP headers serve to supply extra information about the client and its request. The following headers must be supplied when making an authenticated request to the Audible API:

Authorization

The `Authorization` header is used to supply the access token for the authenticated request. The value of this header should start with the word "bearer", followed by the access token generated by Login with Amazon.

```
Authorization: bearer ACCESS_TOKEN
```

See [Authenticating to Audible API \(p. 6\)](#) for more information about getting access tokens.

Client-ID

The `Client-ID` header is used to identify the client using Audible API. The value of this header should simply be the OAuth Client-ID issued by Login with Amazon.

See [Developer Profile Registration \(p. 3\)](#) for more information about onboarding to Login with Amazon and getting a Client-ID.

The following optional headers should be supplied when possible and applicable:

Accept

When making a request that returns data, an `Accept` header should be provided that describes the format in which the response message should be written. At present, only "application/json" is a valid format for Audible API, but it is still good practice for clients to supply this value in case other formats are added in the future.

Content-Type

When making a request that contains data in the message body, such as a `POST` request, a `Content-Type` header should be provided describing the format in which the request message body is written. At present, only "application/json" is a valid format for Audible API, but it is still good practice for clients to supply this value in case support for other formats is added in the future.

User-Agent

The `User-Agent` header is another way to identify the client application to the API. The value of this header can be any plain-text identifier of the client. It may include application version information and operating system information. It is helpful for client applications to supply an application version identifier as part of this header, as it makes it possible to troubleshoot problematic requests by application version.

This header is automatically supplied by web browsers for JavaScript client applications.

Requests may also include parameters to provide further control over the client's desired result. The API reference lists which parameters are required and which are optional for each resource operation. Parameters to the request are encoded in one of two ways. For requests using the `GET` or `DELETE` HTTP methods, parameters are supplied as [query string arguments](#). For requests using the `PUT` or `POST` HTTP methods, parameters are supplied in the [message body](#), encoded as [JSON](#) fields.

Example

The following request example illustrates a complete Audible API request, with a URL, HTTP method, headers, and message body.

```
POST /1.0/content/asin/licenserequest HTTP/1.1
Accept: application/json
Authorization: bearer access_token
Client-ID: client_id
Content-Type: application/json
User-Agent: application_name/application_version

{
  "consumption_type": "string",
  "drm_type": "string"
}
```

Troubleshooting

The HTTP status code of Audible API responses can be helpful in identifying problems in usage of the API. Status codes in the 400 range are indicative of client errors: in some way, the client issued a bad request. Status codes in the 500 range are indicative of server errors.

If you get an HTTP 400 response, the problem could be:

- A missing required request parameter.
- A badly formatted or out-of-range request parameter.
- An invalid combination of request parameters.
- A missing or badly formatted `Client-ID` header.

If you get an HTTP 403 response, the problem could be:

- An expired access token.
- A missing or badly formatted `Authorization` header.
- The access token's scope does not have permission to access the endpoint.

If you get an HTTP 404 response, the problem could be:

- An incorrect resource URL.
- An incorrect resource identifier.

Response Groups

Overview

The Audible API uses *response groups* to let the caller control the amount of data that is returned. Most API calls accept a query string or JSON body parameter named `response_groups` which can be set to a comma delimited list of strings indicating which response groups to enable. The response JSON object includes or omits fields depending on which response groups are enabled.

Why Use Response Groups?

Response groups are used throughout Audible API for the following reasons:

- Lowers the response data size, improving performance in low network throughput environments.
- Improves response time by allowing Audible services to skip data access calls for unneeded fields.
- Enables Audible to provide partial responses when dependent services are failing, allowing clients to present a gracefully degraded experience.

Selecting Groups

When crafting an Audible API request, one must identify which response fields are desired and then the response group(s) that control the population of those fields.

This document includes a reference material for Audible API actions. The end of each action's documentation describes the "Response Elements", a list of the supported fields of the response. Usually, a field is defined by a complex data type. Reference material for data types are also included in this document and are linked from the "Response Elements" section of the action.

The data type reference lists each field in the "Contents" section. In addition to describing the meaning and type of the field, the documentation denotes the response group controlling it.

Some fields belong to the special *always-returned* response group. The fields will always be included in the response, even when the *always-returned* group isn't explicitly requested by the client. This allows for a default experience that isn't completely useless.

Note

Some complex data types contain fields that are themselves complex data types. The inner type may have fields with response groups that differ from the response group of the parent field. In those cases, a client needs to request both the parent field's response group and the response group of the desired inner field for the response to be populated with the target data.

Handling Responses

By requesting response groups, the client indicates its desire for data pertaining to specific response fields. However, one must not assume that the requested fields will always be returned.

Every Audible API response includes a JSON field named `response_groups`. This field contains a comma delimited list of the response groups that successfully populated the response. Usually, this list is equivalent to the list of requested response groups.

In some cases, though, a requested response group may be missing from the response's `response_groups` list. This indicates that the service supplying the data for the missing response group is temporarily unavailable. Though Audible strives to avoid service outages, clients should be prepared for this possibility and make a best effort to present an alternate user experience with the data from the successful response groups.

Note

Sometimes a response field may be missing, even though its response group appears in the response's `response_groups` field. This indicates that the Audible services are functioning correctly, but that the field does not have a value for the requested entity. For example, some [Product \(p. 110\)](#) items may not have a value for the `audible_editors_summary` field; its response will not include the field, but its response group, `product_extended_attrs`, may still appear in the `response_groups` list.

Examples

For example, this command requests a product without specifying any response groups, so it just includes the default always-returned group:

```
$ curl "https://api.audible.com/1.0/catalog/products/B00DDTGKBI"
```

Resulting in this response:

```
{
  "product": {
    "asin": "B00DDTGKBI"
  },
  "response_groups": [
    "always-returned"
  ]
}
```

Well, we've retrieved the product, but we still know almost nothing about it. Notice that the `product` object only contains a single field: the `asin`, which is just an identifier.

This command requests the same product but includes response groups that tell the API to include title and author information in the response:

```
$ curl "https://api.audible.com/1.0/catalog/products/B00DDTGKBI?\nresponse_groups=product_desc,contributors"
```

Now we get:

```
{
  "product": {
    "asin": "B00DDTGKBI",
    "authors": [
      {
        "name": "The Great Courses"
      }
    ],
    "narrators": [
      {
        "name": "Professor Mark Leary"
      }
    ],
    "publisher_name": "The Great Courses",
    "title": "Understanding the Mysteries of Human Behavior"
  },
  "response_groups": [
    "product_desc",
    "always-returned",
    "contributors"
  ]
}
```

Notice that this time `product` contains `title` (from the `product_desc` response group) and `authors`, `narrators`, and `publisher_name` (from the `contributors` response group).

In the previous example we used Product's response groups in a `GET /catalog/product` query. Note, though, that Product's response groups are valid for any query that returns Product objects.

This command requests a category and includes response groups that tell the API to include a sampling of products from the category in the response:

```
$ curl "https://api.audible.com/1.0/catalog/categories/2226773011?\nresponse_groups=products,product_desc,contributors"
```

This response consists of:

```
{
  "category": {
    {
      "id": "2226773011",
      "name": "Psychology & The Mind",
      "products": [
        {
          "asin": "B00VAW2XZC",
          "authors": [
```

```
        {
            "name": "Jenny Lawson"
        }
    ],
    "narrators": [
        {
            "name": "Jenny Lawson"
        }
    ],
    "publisher_name": "Macmillan Audio",
    "subtitle": "A Funny Book About Horrible Things",
    "title": "Furiously Happy"
},
{
    "asin": "B007C64916",
    "authors": [
        {
            "name": "Charles Duhigg"
        }
    ],
    "narrators": [
        {
            "name": "Mike Chamberlain"
        }
    ],
    "publisher_name": "Random House Audio",
    "subtitle": "Why We Do What We Do in Life and Business",
    "title": "The Power of Habit"
},
{
    "asin": "B0131RM7OK",
    "authors": [
        {
            "name": "Philip Tetlock"
        },
        {
            "name": "Dan Gardner"
        }
    ],
    "narrators": [
        {
            "name": "Joel Richards"
        }
    ],
    "publisher_name": "Audible Studios",
    "subtitle": "The Art and Science of Prediction",
    "title": "Superforecasting"
}
]
},
"response_groups": [
    "product_desc",
    "always-returned",
    "contributors",
    "products"
]
}
```

Notice how the same fields from Product are included as the previous example because we're requesting the same response groups, along with the `products` response group.

Examples

Topics

- [Example 1: Get All Categories \(p. 16\)](#)
- [Example 2: Get Products in a Category \(p. 17\)](#)
- [Example 3: Get Product Details \(p. 19\)](#)
- [Example 4: Find Similar Products \(p. 19\)](#)
- [Example 5: Get Recommendations \(p. 20\)](#)
- [Example 6: Stream Content \(p. 21\)](#)

Example 1: Get All Categories

The following are some examples using `curl`. Lets start by retrieving the complete list of audiobook categories:

```
$ curl https://api.audible.com/1.0/catalog/categories
```

The response will be something like:

```
{
  "categories": [
    ...
    {
      "children": [
        {
          "followed_count": 0,
          "id": "2226767011",
          "name": "Astronomy"
        },
        {
          "followed_count": 0,
          "id": "2226768011",
          "name": "Biology"
        },
        {

```

```
        "followed_count": 0,
        "id": "2226769011",
        "name": "Environment"
      },
      {
        "followed_count": 0,
        "id": "2226770011",
        "name": "Magazine & Radio"
      },
      {
        "followed_count": 0,
        "id": "2226771011",
        "name": "Medicine"
      },
      {
        "followed_count": 0,
        "id": "2226772011",
        "name": "Physics"
      },
      {
        "followed_count": 0,
        "id": "2226773011",
        "name": "Psychology & The Mind"
      },
      {
        "followed_count": 0,
        "id": "2226774011",
        "name": "Technology"
      }
    ],
    "followed_count": 0,
    "id": "2226657011",
    "name": "Science & Technology"
  },
  ...
],
"response_groups": [
  "always-returned"
]
}
```

The excerpt above only shows one of many categories. Make the query to get the complete list.

Example 2: Get Products in a Category

The url below retrieves details and a few audiobooks within the given category. We're using the `id` from the `Technology` subcategory returned in the last query. We also could have used the `Science & Technology` category to get results for each of its subcategories.

We're also specifying a few `querystring` parameters this time.

```
$ curl "https://api.audible.com/1.0/catalog/categories/2226774011?\
response_groups=products,product_desc&\
products_num_results=5"
```

The response will look like:

```
{
  "category": {
    "followed_count": 0,
    "id": "2226774011",
    "name": "Technology",
    "products": [
      {
        "asin": "B00ZB7Q1RS",
        "subtitle": "Techniques for Retraining Your Brain",
        "title": "Cognitive Behavioral Therapy"
      },
      {
        "asin": "B011LR4PW4",
        "subtitle": "A Personal Memoir of My Years of Lockheed",
        "title": "Skunk Works"
      },
      {
        "asin": "B00M9KA2ZM",
        "subtitle": "How a Group of Hackers, Geniuses, and Geeks Created
the Digital Revolution",
        "title": "The Innovators"
      },
      {
        "asin": "B00R8HJRZM",
        "subtitle": "The Evolution of a Reckless Upstart into a Visionary
Leader",
        "title": "Becoming Steve Jobs"
      },
      {
        "asin": "B00LPMD72K",
        "subtitle": "Paths, Dangers, Strategies",
        "title": "Superintelligence"
      }
    ]
  },
  "response_groups": [
    "product_desc",
    "always-returned",
    "products"
  ]
}
```

The id in the url obviously limits the output to the requested category, but lets look at how the querystring parameters affect the result.

The `response_group` parameter is discussed in the [Response Groups \(p. 11\)](#) section. This request specifies two response groups:

- `products` - brings in the `products` field containing the list of audiobooks
- `products_desc` - brings in the `title` and `subtitle` fields in each product.

The `products_num_results` parameter sets the maximum length of the products list. The default is three but we asked for five.

Example 3: Get Product Details

Now lets get a closer look at one of the audiobooks. This URL is using the `asin` from one of the products from the last response.

```
$ curl "https://api.audible.com/1.0/catalog/products/B00M9KA2ZM?\nresponse_groups=product_desc,contributors"
```

The Audible API responds with:

```
{
  "product": {
    "asin": "B00M9KA2ZM",
    "authors": [
      {
        "name": "Walter Isaacson"
      }
    ],
    "narrators": [
      {
        "name": "Dennis Boutsikaris"
      }
    ],
    "publisher_name": "Simon & Schuster Audio",
    "subtitle": "How a Group of Hackers, Geniuses, and Geeks Created the\nDigital Revolution",
    "title": "The Innovators"
  },
  "response_groups": [
    "product_desc",
    "always-returned",
    "contributors"
  ]
}
```

These are the response groups we used this time:

- `products_desc` - brings in the title and subtitle fields.
- `contributors` - brings in the authors, narrators, and publisher_name fields.

Example 4: Find Similar Products

Lets ask for some audiobooks that are similar to the one we've been looking at.

```
$ curl "https://api.audible.com/1.0/catalog/products/B00M9KA2ZM/sims?\nresponse_groups=product_desc"
```

The response will look like:

```
{
  "response_groups": [
    "product_desc",
    "always-returned"
  ],
  "similar_products": [
    {
      "asin": "B00UX8ODPM",
      "subtitle": "Tesla, SpaceX, and the Quest for a Fantastic Future",
      "title": "Elon Musk"
    },
    {
      "asin": "B00MOZ00F4",
      "title": "How Google Works"
    },
    {
      "asin": "B00R8HJRZM",
      "subtitle": "The Evolution of a Reckless Upstart into a Visionary
Leader",
      "title": "Becoming Steve Jobs"
    },
    {
      "asin": "B004VA8ZVQ",
      "title": "Benjamin Franklin: An American Life"
    },
    {
      "asin": "B00M27LBU2",
      "subtitle": "Notes on Startups, or How to Build the Future",
      "title": "Zero to One"
    }
  ]
}
```

As expected, we get a list of products which include title information because we requested the `product_desc` response group.

Example 5: Get Recommendations

All of the requests we've made so far are just querying the Audible catalog. Now let's make a request that is based on user data. We'll ask for recommended audiobooks based on an account's listening history and ratings.

Since this request accesses user data, it must be authenticated. Details on obtaining a customer authorization token can be found in the [Access on Behalf of Audible Customers \(p. 6\)](#) section. Details about supplying that token in an HTTP header can be found in the [Making Requests to Audible API \(p. 8\)](#) section.

```
curl --header "Authorization: bearer Atza|IQEBLzAtAhUAkl...iRVFAR4pqVHc" \
--header "Client-ID: amzn1.application-oa2-client.6b3d9f...7e5f2e" \
"https://api.audible.com/1.0/recommendations?\
response_groups=product_desc&\
num_results=5"
```

The response will look like:

```
{
  "recommendations": [
    {
      "asin": "B002V1NHYC",
      "title": "The Abolition of Man & The Great Divorce"
    },
    {
      "asin": "B00DDTGKBI",
      "title": "Understanding the Mysteries of Human Behavior"
    },
    {
      "asin": "B008VGMCUQ",
      "title": "The Problem of Pain"
    },
    {
      "asin": "B00HJZDKLU",
      "subtitle": "Essay Collection and Other Short Pieces",
      "title": "C. S. Lewis"
    },
    {
      "asin": "B002V0K796",
      "title": "Reflections on the Psalms"
    }
  ],
  "response_groups": [
    "product_desc",
    "always-returned"
  ]
}
```

Here we have some recommendations.

Example 6: Stream Content

The previous examples demonstrated how to browse Audible's titles. We will now ask to stream an audiobook from the customer's library. Audible supports a few different streaming technologies; this example will use HTTP Live Streaming (HLS).

Since this request accesses user data, it must be authenticated. Details on obtaining a customer authorization token can be found in the [Access on Behalf of Audible Customers \(p. 6\)](#) section. Details about supplying that token in an HTTP header can be found in the [Making Requests to Audible API \(p. 8\)](#) section.

```
curl -H "Authorization: bearer Atza|IQEBLzAtAhUAkl...iRVFAR4pqVHc" \
-H "Client-ID: amzn1.application-oa2-client.6b3d9f...7e5f2e" \
-H "Content-Type: application/json" \
-X POST \
-d '{ \
  "Consumption_type": "Streaming", \
  "Drm_type": "Hls" }' \
"https://api.audible.com/1.0/content/B00M9KA2ZM/licenserequest"
```

The response will look like:

```
{
  "content_license": {
    "acr": "CR!Y42VE4J2WS3RZ4V5AK8A078DGT6M",
    "asin": "B00P9JHMDK",
    "content_metadata": {},
    "drm_type": "Hls",
    "license_response": "https://audible-vh.akamaihd.net/.../bk_ad
bl_021679_22_32.mp4",
    "request_id": "c6b90d84-6c39-11e5-8280-5ba746fa69a4",
    "status_code": "Granted"
  },
  "response_groups": [
    "always-returned"
  ]
}
```

We can now stream the audiobook content using HLS from the URL provided in the response's `license_response` field.

Actions

The following actions are supported:

- [GET /annotations/lastpositions \(p. 24\)](#)
- [GET /catalog/categories \(p. 26\)](#)
- [GET /catalog/categories/{id} \(p. 34\)](#)
- [GET /catalog/products \(p. 42\)](#)
- [GET /catalog/products/{asin} \(p. 51\)](#)
- [GET /catalog/products/{asin}/reviews \(p. 57\)](#)
- [GET /catalog/products/{asin}/sims \(p. 60\)](#)
- [POST /content/{asin}/licenserequest \(p. 67\)](#)
- [GET /content/{asin}/metadata \(p. 72\)](#)
- [GET /pages/{page_id} \(p. 74\)](#)
- [GET /recommendations \(p. 81\)](#)

GET /annotations/lastpositions

Retrieves last position heard by the customer for each audiobook requested.

Important

This action requires customer authentication.

Request Syntax

```
GET /1.0/annotations/lastpositions?response_groups=response_groups&asins=asins
HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

asins

A comma delimited list of ASIN identifiers of the books.

Length constraints: Minimum length of 0. Maximum length of 500.

Required: Yes

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned`

Length constraints: Minimum length of 0. Maximum length of 500.

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "asin_last_position_heard_annots": [
    {
      "asin": "string",
      "last_position_heard": {
        "position_ms": number,
        "status": "string"
      }
    }
  ],
}
```

```
"response_groups": [  
  "string"  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[asin_last_position_heard_annots](#)

Collection of objects describing last position heard for each book.

Type: array of [AsinLPH \(p. 89\)](#) objects

[response_groups](#)

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

GET /catalog/categories

Retrieves a tree of available categories.

Request Syntax

```
GET /1.0/catalog/categories?response_groups=response_groups&associate_code=as  
soci  
te_code&products_num_results=products_num_results&products_sort_by=products_sort_by&reviews_num_res  
ults=products_num_results&products_sort_by=products_sort_by&reviews_num_res  
ults=reviews_num_results&reviews_sort_by=reviews_sort_by&image_sizes=im  
age_sizes&image_dpi=image_dpi&image_variants=image_variants&root=root&lan  
guage=language&content_level=content_level&categories_num_levels=categor  
ies_num_levels&content_type=content_type&runtime_length_min=runtime_length_min  
HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

categories_num_levels

The depth of the category tree returned in response.

Default: 2

Valid range: Minimum value of 1.

Required: No

content_level

The range in difficulty level of the content of the products to retrieve.

Valid only when `products` response group is applied. This attribute is associated with products under category root AmazonEnglishProducts.

Valid Range: 1 to 5

Valid Formats:

- a lexile int number: 2
- range: 3-5, -3 (upto 3), 2- (2 and above)
- comma-delimited: -2,3-4,5

Required: No

content_type

The content type of the products to retrieve. Accepts a comma delimited list.

Valid Values: Excerpt | Speech | Periodical | RadioTvProgram | Wordcast |
NewspaperMagazine | Product | Other | Performance | WalkingTour | Lecture

Required: No

ids

A comma delimited list of identifiers of the categories to retrieve. This overrides less dominant search criteria like 'root'.

Pattern: `^\d+(, \d+) *$`

Required: No

image_dpi

The DPI of the category images being returned.

Only valid when 'category_media' response group is applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `products` and `media` response groups are applied.

Default: 500

Required: No

image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_media` response group is applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

language

Languages (in ISO 639-1 code) in which category and product metadata should be returned. Takes a comma delimited list. E.g. If you want in English and Japanese use `en, ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

products_in_plan_timestamp

The timestamp at which the retrieved products should be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Current guidance is to pass the most recent midnight UTC timestamp so that your requests don't change regularly and can take advantage of request caching.

Required if 'product_plan' is specified and only valid when response group `products` is applied.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

products_not_in_plan_timestamp

The timestamp at which the retrieved products should NOT be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Only valid when response group `products` is applied and 'product_plan' is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

products_num_results

The number of products per category to be retrieved.

Only valid when `products` response group is applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

products_plan

The product plan associated with the products.

Only valid when `products` response group is applied.

Valid Values: `Rodizio` | `RodizioFreeBasic` | `Radio` | `AmazonEnglish` | `AllYouCanEat`

Required: No

products_sort_by

The criterion for sorting the products. The prefix '-' means reverse order.

Default: `BestSellers`

Valid Values: `BestSellers` | `AvgRating` | `Title` | `-Title` | `ReleaseDate` | `-ReleaseDate` | `AmazonEnglish` | `ProductSiteLaunchDate` | `ContentLevel` | `-ContentLevel` | `RuntimeLength` | `-RuntimeLength` | `Relevance`

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `category_metadata` | `category_media` | `products` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `products` and `reviews` response groups are applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

reviews_sort_by

The criterion for sorting the reviews.

Only valid when `products` and `reviews` response groups are applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

root

The category root of the categories to be retrieved. This get overridden if 'ids' are specified.

Valid Values: `Genres` | `ExploreBy` | `EditorsPicks` | `RodizioGenres` | `RodizioEpisodesAndSeries` | `RodizioBuckets` | `Shorts` | `ShortsSandbox` | `Curated` | `AmazonEnglishProducts` | `ShortsCurated` | `ShortsPrime` | `ShortsIntroOutroRemoval` | `ChannelsConfigurator` | `AEReadster`

Required: No

runtime_length_min

The track length of the products in minutes.

Valid Formats: Provide a range 3-5, -10 (upto 10 minutes), 15- (15 minutes and above).

Pattern: `^(\\d*-?\\d+)|(\\d+-)$`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json
```

```
{
  "categories": [
    {
      "children": [
        Category
      ],
      "default_offline_storage_days_count": number,
      "default_offline_storage_item_count": number,
      "description": "string",
      "header": "string",
      "id": "string",
```

```
"images": [
  {
    "aspect_height": number,
    "aspect_width": number,
    "dpi": number,
    "image_url": "string",
    "variant": "string"
  }
],
"initial_download_days_count": number,
"initial_download_item_count": number,
"is_new": boolean,
"localized_name":
{
  "string" :
    "string"
},
"name": "string",
"products": [
  {
    "asin": "string",
    "audible_editors_summary": "string",
    "authors": [
      {
        "name": "string"
      }
    ],
    "available_codecs": [
      {
        "enhanced_codec": "string",
        "format": "string",
        "is_kindle_enhanced": boolean,
        "name": "string"
      }
    ],
    "category_ladders": [
      {
        "date_product_available_in_category": "string",
        "ladder": [
          Category
        ],
        "root": "string"
      }
    ],
    "content_delivery_type": "string",
    "content_level": "string",
    "content_type": "string",
    "copyright":
      {
        "string" :
          "string"
      },
    "customer_reviews": [
      {
        "author_name": "string",
        "body": "string",
        "format": "string",
        "guided_responses": [
```

```
        {
            "answer": "string",
            "id": "string",
            "question": "string",
            "question_type": "string"
        }
    ],
    "id": "string",
    "location": "string",
    "ratings": {
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
    },
    "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
}
],
"editorial_reviews": [
    "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent": {
    "string" :
        "string"
},
"narrators": [
    {
        "name": "string"
    }
],
"plans": [
    {
        "end_date": "string",
        "plan_name": "string",
        "start_date": "string"
    }
],
"price": {
    "credit_price": number,
    "is_buy_for_free_eligible": boolean,
    "is_credit_price_eligible": boolean,
    "is_free_eligible": boolean,
```

```
"is_ws4v_upsell_eligible": boolean,
"list_price": {
  "base": number,
  "currency_code": "string",
  "merchant_id": "string",
  "type": "string"
},
"lowest_price": {
  "base": number,
  "currency_code": "string",
  "merchant_id": "string",
  "type": "string"
},
"ws4v_upsell_price": {
  "base": number,
  "currency_code": "string",
  "merchant_id": "string",
  "type": "string"
}
},
"product_images":
{
  "string" :
    "string"
},
"publication_name": "string",
"publisher_name": "string",
"publisher_summary": "string",
"rating": {
  "num_reviews": number,
  "overall_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  },
  "performance_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  },
  "story_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  }
},
},
```

```
        "release_date": "string",
        "runtime_length_min": number,
        "sample_url": "string",
        "sku": "string",
        "subtitle": "string",
        "title": "string",
        "ws4v_companion_asin": "string"
    },
    "suppress_release_date": boolean
},
"response_groups": [
    "string"
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

categories

The resultant categories retrieved.

Type: array of [Category](#) (p. 90) objects

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

GET /catalog/categories/{id}

Retrieves a specific category.

Request Syntax

```
GET /1.0/catalog/categories/{id}?response_groups=response_groups&associate_code=as  
soci  
de&products_num_results=products_num_results&products_sort_by=products_sort_by&reviews_num_res  
ults=products_num_results&products_sort_by=products_sort_by&reviews_num_res  
ults=reviews_num_results&reviews_sort_by=reviews_sort_by&image_sizes=im  
age_sizes&image_dpi=image_dpi&image_variants=image_variants&language=language&con  
tent_level=content_level&categories_num_levels=categories_num_levels&con  
tent_type=content_type&runtime_length_min=runtime_length_min HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

categories_num_levels

The depth of the tree (of categories) returned in response.

Default: 1

Valid range: Minimum value of 1.

Required: No

content_level

The range in difficulty level of the content of the products to retrieve.

Valid only when `products` response group is applied. This attribute is associated with products under category root AmazonEnglishProducts.

Valid Range: 1 to 5

Valid Formats:

- a lexile int number: 2
- range: 3-5, -3 (upto 3), 2- (2 and above)
- comma-delimited: -2,3-4,5

Required: No

content_type

The content type of the products to retrieve. Accepts a comma delimited list.

Valid Values: Excerpt | Speech | Periodical | RadioTvProgram | Wordcast |
NewspaperMagazine | Product | Other | Performance | WalkingTour | Lecture

Required: No

id

Identifier of the category to be retrieved.

Pattern: `^\d+$`

Required: Yes

image_dpi

The DPI of the category images being returned.

Only valid when `category_media` response group is applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `products` and `media` response groups are applied.

Default: 500

Required: No

image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_media` response group is applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

language

Languages (in ISO 639-1 code) in which category and product metadata should be returned. Takes a comma delimited list. E.g. If you want in English and Japanese use `en, ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

products_in_plan_timestamp

The timestamp at which the retrieved products should be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Current guidance is to pass the most recent midnight UTC timestamp so that your requests don't change regularly and can take advantage of request caching.

Required if 'product_plan' is specified and only valid when response group `products` is applied.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

products_not_in_plan_timestamp

The timestamp at which the retrieved products should NOT be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Only valid when response group `products` is applied and 'product_plan' is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

products_num_results

The number of products per category to be retrieved.

Only valid when `products` response group is applied.

Default: 3

Limit: 10

Pattern: `^\d+$`

Required: No

products_plan

The product plan associated with the products.

Only valid when `products` response group is applied.

Valid Values: `Rodizio` | `RodizioFreeBasic` | `Radio` | `AmazonEnglish` | `AllYouCanEat`

Required: No

products_sort_by

The criterion for sorting the products. The prefix '-' means reverse order.

Default: `BestSellers`

Valid Values: `BestSellers` | `AvgRating` | `Title` | `-Title` | `ReleaseDate` | `-ReleaseDate` | `AmazonEnglish` | `ProductSiteLaunchDate` | `ContentLevel` | `-ContentLevel` | `RuntimeLength` | `-RuntimeLength` | `Relevance`

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `category_metadata` | `category_media` | `products` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `products` and `reviews` response groups are applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

`reviews_sort_by`

The criterion for sorting the reviews.

Only valid when `products` and `reviews` response groups are applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

`runtime_length_min`

The track length of the products in minutes.

Valid Formats: Provide a range 3-5, -10 (upto 10 minutes), 15- (15 minutes and above).

Pattern: `^(\d*-?\d+)|(\d+-)$`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json

{
  "category": {
    "children": [
      Category
    ],
    "default_offline_storage_days_count": number,
    "default_offline_storage_item_count": number,
    "description": "string",
    "header": "string",
    "id": "string",
    "images": [
      {
        "aspect_height": number,
        "aspect_width": number,
        "dpi": number,
        "image_url": "string",
        "variant": "string"
      }
    ],
    "initial_download_days_count": number,
```

```
"initial_download_item_count": number,
"is_new": boolean,
"localized_name":
{
  "string" :
    "string"
},
"name": "string",
"products": [
{
  "asin": "string",
  "audible_editors_summary": "string",
  "authors": [
    {
      "name": "string"
    }
  ],
  "available_codecs": [
    {
      "enhanced_codec": "string",
      "format": "string",
      "is_kindle_enhanced": boolean,
      "name": "string"
    }
  ],
  "category_ladders": [
    {
      "date_product_available_in_category": "string",
      "ladder": [
        Category
      ],
      "root": "string"
    }
  ],
  "content_delivery_type": "string",
  "content_level": "string",
  "content_type": "string",
  "copyright":
    {
      "string" :
        "string"
    },
  "customer_reviews": [
    {
      "author_name": "string",
      "body": "string",
      "format": "string",
      "guided_responses": [
        {
          "answer": "string",
          "id": "string",
          "question": "string",
          "question_type": "string"
        }
      ],
      "id": "string",
      "location": "string",
      "ratings": {
```

```
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
    },
    "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
}
],
"editorial_reviews": [
    "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent":
{
    "string" :
        "string"
},
"narrators": [
{
    "name": "string"
}
],
"plans": [
{
    "end_date": "string",
    "plan_name": "string",
    "start_date": "string"
}
],
"price": {
    "credit_price": number,
    "is_buy_for_free_eligible": boolean,
    "is_credit_price_eligible": boolean,
    "is_free_eligible": boolean,
    "is_ws4v_upsell_eligible": boolean,
    "list_price": {
        "base": number,
        "currency_code": "string",
        "merchant_id": "string",
        "type": "string"
    },
    "lowest_price": {
        "base": number,
        "currency_code": "string",
```

```
        "merchant_id": "string",
        "type": "string"
    },
    "ws4v_upsell_price": {
        "base": number,
        "currency_code": "string",
        "merchant_id": "string",
        "type": "string"
    }
},
"product_images":
{
    "string" :
        "string"
},
"publication_name": "string",
"publisher_name": "string",
"publisher_summary": "string",
"rating": {
    "num_reviews": number,
    "overall_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    },
    "performance_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    },
    "story_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    }
},
"release_date": "string",
"runtime_length_min": number,
"sample_url": "string",
"sku": "string",
"subtitle": "string",
"title": "string",
"ws4v_companion_asin": "string"
},
"suppress_release_date": boolean
```

```
    },  
    "response_groups": [  
        "string"  
    ]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

category

The requested category.

Type: [Category](#) (p. 90) object

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

Errors

ResourceNotFoundHttpException

HTTP Status Code: 400

GET /catalog/products

Retrieves a collection of products based on the search criteria.

Request Syntax

```
GET /1.0/catalog/products?response_groups=response_groups&associate_code=associate_code&asins=asins&category_id=category_id&keywords=keywords&title=title&author=author&narrator=narrator&publisher=publish  
er=er&plan=plan&timestamp=timestamp&timestamp=timestamp&timestamp=timestamp&bin_fields=bin_fields&runtime_length_min=runtime_length_min&con  
tent_type=content_type&products_sort_by=products_sort_by&num_results=num_res  
ults&page=page&reviews_num_results=reviews_num_results&reviews_sort_by=re  
views_sort_by&image_sizes=image_sizes&image_dpi=image_dpi&category_image_vari  
ants=category_image_variants&product_ratings=product_ratings&language=lan  
guage&content_level=content_level&disjunctive_category_ids=disjunctive_cat  
egory_ids&since_timestamp=since_timestamp HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

asins

A comma delimited list of ASIN identifiers of the products to retrieve. This overrides less dominant search criteria like category_id, plan, keywords, content_type, runtime_length_min, etc.

Max List Length: 50

Required: No

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

author

The author keyword for searching the products.

Required: No

bin_fields

Enables query of bin level metadata for the data binning fields. E.g. If you specify Rating it will return number of products with in each rating bin - 0, 1, 2, 3, 4 and 5.

Valid Values: RuntimeLength | ContentType | Rating | ContentLevel

Required: No

category_id

A comma delimited list of category identifiers to retrieve products belonging to specific set of categories. The resultant products are intersection of products in all requested categories.

Pattern: ^\d+(, \d+)*\$

Required: No

category_image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

content_level

The range in difficulty level of the content of the products to retrieve.

This attribute is associated with products under category root AmazonEnglishProducts.

Valid Range: 1 to 5

Valid Formats:

- a lexile int number: 2
- range: 3-5, -3 (upto 3), 2- (2 and above)
- comma-delimited: -2,3-4,5

Required: No

content_type

The content type of the products to retrieve. Accepts a comma delimited list.

Valid Values: Excerpt | Speech | Periodical | RadioTvProgram | Wordcast |
NewspaperMagazine | Product | Other | Performance | WalkingTour | Lecture

Required: No

disjunctive_category_ids

A comma delimited list of category identifiers to retrieve products belonging to any of these categories after the `since_timestamp`.

The resultant products are union of products in all requested categories.

Not valid when `category_ids` is specified. Only valid when 'since_timestamp' is also specified OR when `products_sort_by` = -ReleaseDate

Applicable to categories under the root 'shorts_curated'.

Pattern: `^\d+(, \d+) *$`

Required: No

image_dpi

The DPI of the category images being returned.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `media` response group is applied.

Default: 500

Required: No

in_plan_timestamp

The timestamp at which the retrieved products should be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Current guidance is to pass the most recent midnight UTC timestamp so that your requests don't change regularly and can take advantage of request caching.

Required if `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

keywords

The keywords for searching the products.

Required: No

language

The languages (in ISO 639-1 code) that product metadata should be returned in. Takes a comma delimited list. eg. If you want in English and Japanese use `en, ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

narrator

The narrator keyword for searching the products.

Required: No

not_in_plan_timestamp

The timestamp at which the retrieved products should NOT be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Only valid when `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

num_results

The number of results to retrieve per page.

Default: 15

Max Value: 50

Pattern: `^\d+$`

Required: No

page

Page number of the result set.

Default: 0

Pattern: `^\d+$`

Required: No

plan

The product plan associated with the products.

Valid Values: `Rodizio` | `RodizioFreeBasic` | `Radio` | `AmazonEnglish` | `AllYouCanEat`

Required: No

product_ratings

Reserved for future enhancement.

Pattern: `^\d+(-\d+){0,1}$`

Required: No

products_sort_by

The criterion for sorting the products. The prefix '-' indicates reverse order.

Default: `BestSellers`

Valid Values: `BestSellers` | `AvgRating` | `Title` | `-Title` | `ReleaseDate` | `-ReleaseDate` | `AmazonEnglish` | `ProductSiteLaunchDate` | `ContentLevel` | `-ContentLevel` | `RuntimeLength` | `-RuntimeLength` | `Relevance`

Required: No

publisher

The publisher keyword for searching the products.

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details` | `category_ladders` | `category_metadata` | `category_media`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `reviews` response group is applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

reviews_sort_by

The criterion for sorting the reviews.

Only valid when `reviews` response group is applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

`runtime_length_min`

The track length of the products in minutes.

Valid Formats: Provide a range 3-5, -10 (upto 10 minutes), 15- (15 minutes and above).

Pattern: `^(\\d*-?\\d+)|(\\d+-)$`

Required: No

`since_timestamp`

The timestamp at which the retrieved products should be available in any of the specified categories.

Only valid when `'disjunctive_category_ids'` is specified.

Valid Format: `DateTime` in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

`title`

The title keyword for searching the products.

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json

{
  "product_filters": [
    {
      "bin_range": {
        "max": number,
        "min": number
      },
      "bins": [
        {
          "label": "string",
          "name": "string",
          "product_count": number
        }
      ],
      "name": "string"
    }
  ]
}
```

```
],
"products": [
  {
    "asin": "string",
    "audible_editors_summary": "string",
    "authors": [
      {
        "name": "string"
      }
    ],
    "available_codecs": [
      {
        "enhanced_codec": "string",
        "format": "string",
        "is_kindle_enhanced": boolean,
        "name": "string"
      }
    ],
    "category_ladders": [
      {
        "date_product_available_in_category": "string",
        "ladder": [
          {
            "children": [
              Category
            ],
            "default_offline_storage_days_count": number,
            "default_offline_storage_item_count": number,
            "description": "string",
            "header": "string",
            "id": "string",
            "images": [
              {
                "aspect_height": number,
                "aspect_width": number,
                "dpi": number,
                "image_url": "string",
                "variant": "string"
              }
            ],
            "initial_download_days_count": number,
            "initial_download_item_count": number,
            "is_new": boolean,
            "localized_name": {
              "string" :
                "string"
            },
            "name": "string",
            "products": [
              Product
            ],
            "suppress_release_date": boolean
          }
        ],
        "root": "string"
      }
    ],
  },
],
```

```
"content_delivery_type": "string",
"content_level": "string",
"content_type": "string",
"copyright":
{
    "string" :
        "string"
},
"customer_reviews": [
{
    "author_name": "string",
    "body": "string",
    "format": "string",
    "guided_responses": [
        {
            "answer": "string",
            "id": "string",
            "question": "string",
            "question_type": "string"
        }
    ],
    "id": "string",
    "location": "string",
    "ratings": {
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
    },
    "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
},
"editorial_reviews": [
    "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent":
{
    "string" :
        "string"
},
"narrators": [
{
    "name": "string"
```

```
    }
  ],
  "plans": [
    {
      "end_date": "string",
      "plan_name": "string",
      "start_date": "string"
    }
  ],
  "price": {
    "credit_price": number,
    "is_buy_for_free_eligible": boolean,
    "is_credit_price_eligible": boolean,
    "is_free_eligible": boolean,
    "is_ws4v_upsell_eligible": boolean,
    "list_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    },
    "lowest_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    },
    "ws4v_upsell_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    }
  },
  "product_images": {
    "string": "string"
  },
  "publication_name": "string",
  "publisher_name": "string",
  "publisher_summary": "string",
  "rating": {
    "num_reviews": number,
    "overall_distribution": {
      "average_rating": number,
      "num_five_star_ratings": number,
      "num_four_star_ratings": number,
      "num_one_star_ratings": number,
      "num_ratings": number,
      "num_three_star_ratings": number,
      "num_two_star_ratings": number
    },
    "performance_distribution": {
      "average_rating": number,
      "num_five_star_ratings": number,
      "num_four_star_ratings": number,
      "num_one_star_ratings": number,

```

```
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    },
    "story_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    }
},
"release_date": "string",
"runtime_length_min": number,
"sample_url": "string",
"sku": "string",
"subtitle": "string",
"title": "string",
"ws4v_companion_asin": "string"
}
],
"response_groups": [
    "string"
],
"total_results": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

product_filters

Details of metadata of each bin of the data binning filed. This is returned for the bin_fields requested.

Type: array of [ProductFilterField](#) (p. 116) objects

products

Collection of resultant products for this page.

Type: array of [Product](#) (p. 110) objects

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

total_results

The total number of results from this search. To be used for paging.

Type: Long

GET /catalog/products/{asin}

Retrieves a specific product.

Request Syntax

```
GET /1.0/catalog/products/{asin}?response_groups=response_groups&associate_code=associate_code&reviews_num_results=reviews_num_results&reviews_sort_by=reviews_sort_by&image_sizes=image_sizes&image_dpi=image_dpi&category_image_variants=category_image_variants&language=language HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

asin

ASIN identifier of the product to be retrieved.

Required: Yes

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

category_image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

image_dpi

The DPI of the category images being returned.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `media` response group is applied.

Default: 500

Required: No

language

The languages (in ISO 639-1 code) that product metadata should be returned in. Takes a comma delimited list. eg. If you want in English and Japanese use `en,ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details` | `category_ladders` | `category_metadata` | `category_media`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `reviews` response group is applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

reviews_sort_by

The criterion for sorting the reviews.

Only valid when `reviews` response group is applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json
```

```
{
  "product": {
    "asin": "string",
```

```
"audible_editors_summary": "string",
"authors": [
  {
    "name": "string"
  }
],
"available_codecs": [
  {
    "enhanced_codec": "string",
    "format": "string",
    "is_kindle_enhanced": boolean,
    "name": "string"
  }
],
"category_ladders": [
  {
    "date_product_available_in_category": "string",
    "ladder": [
      {
        "children": [
          Category
        ],
        "default_offline_storage_days_count": number,
        "default_offline_storage_item_count": number,
        "description": "string",
        "header": "string",
        "id": "string",
        "images": [
          {
            "aspect_height": number,
            "aspect_width": number,
            "dpi": number,
            "image_url": "string",
            "variant": "string"
          }
        ],
        "initial_download_days_count": number,
        "initial_download_item_count": number,
        "is_new": boolean,
        "localized_name": {
          "string": "string"
        },
        "name": "string",
        "products": [
          Product
        ],
        "suppress_release_date": boolean
      }
    ],
    "root": "string"
  }
],
"content_delivery_type": "string",
"content_level": "string",
"content_type": "string",
"copyright":
```

```
{
  "string" :
    "string"
},
"customer_reviews": [
  {
    "author_name": "string",
    "body": "string",
    "format": "string",
    "guided_responses": [
      {
        "answer": "string",
        "id": "string",
        "question": "string",
        "question_type": "string"
      }
    ],
    "id": "string",
    "location": "string",
    "ratings": {
      "overall_rating": number,
      "performance_rating": number,
      "story_rating": number
    },
    "review_content_scores": {
      "content_quality": number,
      "num_helpful_votes": number,
      "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
  }
],
"editorial_reviews": [
  "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
" narration_accent":
  {
    "string" :
      "string"
  },
"narrators": [
  {
    "name": "string"
  }
],
"plans": [
  {
```

```
        "end_date": "string",
        "plan_name": "string",
        "start_date": "string"
    }
],
"price": {
    "credit_price": number,
    "is_buy_for_free_eligible": boolean,
    "is_credit_price_eligible": boolean,
    "is_free_eligible": boolean,
    "is_ws4v_upsell_eligible": boolean,
    "list_price": {
        "base": number,
        "currency_code": "string",
        "merchant_id": "string",
        "type": "string"
    },
    "lowest_price": {
        "base": number,
        "currency_code": "string",
        "merchant_id": "string",
        "type": "string"
    },
    "ws4v_upsell_price": {
        "base": number,
        "currency_code": "string",
        "merchant_id": "string",
        "type": "string"
    }
},
"product_images":
{
    "string" :
        "string"
},
"publication_name": "string",
"publisher_name": "string",
"publisher_summary": "string",
"rating": {
    "num_reviews": number,
    "overall_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    },
    "performance_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    }
},
```

```
    "story_distribution": {
      "average_rating": number,
      "num_five_star_ratings": number,
      "num_four_star_ratings": number,
      "num_one_star_ratings": number,
      "num_ratings": number,
      "num_three_star_ratings": number,
      "num_two_star_ratings": number
    },
    "release_date": "string",
    "runtime_length_min": number,
    "sample_url": "string",
    "sku": "string",
    "subtitle": "string",
    "title": "string",
    "ws4v_companion_asin": "string"
  },
  "response_groups": [
    "string"
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

product

The requested product.

Type: [Product \(p. 110\)](#) object

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

GET /catalog/products/{asin}/reviews

Retrieves a list of reviews for a product.

Request Syntax

```
GET /1.0/catalog/products/{asin}/reviews?response_groups=response_groups&sort_by=sort_by&num_results=num_results&page=page HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

asin

The ASIN identifier of the product whose reviews will be retrieved

Required: Yes

num_results

The number of results to retrieve per page.

Default: 15

Max Value: 50

Pattern: `^\d+$`

Required: No

page

Page number of the result set.

Default: 0

Pattern: `^\d+$`

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `review_attrs`

Required: No

sort_by

The criterion for sorting the results.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "customer_reviews": [
    {
      "author_name": "string",
      "body": "string",
      "format": "string",
      "guided_responses": [
        {
          "answer": "string",
          "id": "string",
          "question": "string",
          "question_type": "string"
        }
      ],
      "id": "string",
      "location": "string",
      "ratings": {
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
      },
      "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
      },
      "submission_date": "string",
      "title": "string"
    }
  ],
  "response_groups": [
    "string"
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

customer_reviews

Collection of resultant reviews for this page.

Type: array of [CustomerReview](#) (p. 102) objects

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

Errors

ServiceUnavailableHttpException

HTTP Status Code: 500

GET /catalog/products/{asin}/sims

Retrieves a list of similar product to the given product (specified by its ASIN).

Request Syntax

```
GET /1.0/catalog/products/{asin}/sims?response_groups=response_groups&associate_code=associate_code&plan=plan&in_plan_timestamp=in_plan_timestamp&not_in_plan_timestamp=not_in_plan_timestamp&reviews_num_results=reviews_num_results&reviews_sort_by=reviews_sort_by&image_sizes=image_sizes&image_dpi=image_dpi&category_image_variants=category_image_variants&similarity_type=similarity_type&num_results=num_results&language=language HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

asin

Identifier of the product to which similar products will be retrieved.

Required: Yes

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

category_image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

image_dpi

The DPI of the category images being returned.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `media` response group is applied.

Default: 500

Required: No

in_plan_timestamp

The timestamp at which the similar products should be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Current guidance is to pass the most recent midnight UTC timestamp so that your requests don't change regularly and can take advantage of request caching.

Required if `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

language

The languages (in ISO 639-1 code) that product metadata should be returned in. Takes a comma delimited list. eg. If you want in English and Japanese use `en, ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

not_in_plan_timestamp

The timestamp at which the similar products should NOT be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Only valid when `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

num_results

The number of results to retrieve.

Default: 15

Max Value: 50

Pattern: `^\d+$`

Required: No

plan

The product plan that should be associated with the similar products.

Valid Values: `Rodizio` | `RodizioFreeBasic` | `Radio` | `AmazonEnglish` | `AllYouCanEat`

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details` | `category_ladders` | `category_metadata` | `category_media`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `reviews` response group is applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

reviews_sort_by

The criterion for sorting the reviews.

Only valid when `reviews` response group is applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

similarity_type

The criterion for determining similarity.

Default: `RawSimilarities`

Valid Values: `RawSimilarities` | `ByTheSameAuthor` | `ByTheSameNarrator` | `InTheSameSeries` | `NextInSameSeries`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json

{
  "response_groups": [
    "string"
```

```
],
"similar_products": [
  {
    "asin": "string",
    "audible_editors_summary": "string",
    "authors": [
      {
        "name": "string"
      }
    ],
    "available_codecs": [
      {
        "enhanced_codec": "string",
        "format": "string",
        "is_kindle_enhanced": boolean,
        "name": "string"
      }
    ],
    "category_ladders": [
      {
        "date_product_available_in_category": "string",
        "ladder": [
          {
            "children": [
              Category
            ],
            "default_offline_storage_days_count": number,
            "default_offline_storage_item_count": number,
            "description": "string",
            "header": "string",
            "id": "string",
            "images": [
              {
                "aspect_height": number,
                "aspect_width": number,
                "dpi": number,
                "image_url": "string",
                "variant": "string"
              }
            ],
            "initial_download_days_count": number,
            "initial_download_item_count": number,
            "is_new": boolean,
            "localized_name": {
              "string" :
                "string"
            },
            "name": "string",
            "products": [
              Product
            ],
            "suppress_release_date": boolean
          }
        ],
        "root": "string"
      }
    ],
  }
],
```

```
"content_delivery_type": "string",
"content_level": "string",
"content_type": "string",
"copyright":
{
    "string" :
        "string"
},
"customer_reviews": [
{
    "author_name": "string",
    "body": "string",
    "format": "string",
    "guided_responses": [
        {
            "answer": "string",
            "id": "string",
            "question": "string",
            "question_type": "string"
        }
    ],
    "id": "string",
    "location": "string",
    "ratings": {
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
    },
    "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
},
"editorial_reviews": [
    "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent":
{
    "string" :
        "string"
},
"narrators": [
{
    "name": "string"
```

```
    }
  ],
  "plans": [
    {
      "end_date": "string",
      "plan_name": "string",
      "start_date": "string"
    }
  ],
  "price": {
    "credit_price": number,
    "is_buy_for_free_eligible": boolean,
    "is_credit_price_eligible": boolean,
    "is_free_eligible": boolean,
    "is_ws4v_upsell_eligible": boolean,
    "list_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    },
    "lowest_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    },
    "ws4v_upsell_price": {
      "base": number,
      "currency_code": "string",
      "merchant_id": "string",
      "type": "string"
    }
  },
  "product_images": {
    "string": "string"
  },
  "publication_name": "string",
  "publisher_name": "string",
  "publisher_summary": "string",
  "rating": {
    "num_reviews": number,
    "overall_distribution": {
      "average_rating": number,
      "num_five_star_ratings": number,
      "num_four_star_ratings": number,
      "num_one_star_ratings": number,
      "num_ratings": number,
      "num_three_star_ratings": number,
      "num_two_star_ratings": number
    },
    "performance_distribution": {
      "average_rating": number,
      "num_five_star_ratings": number,
      "num_four_star_ratings": number,
      "num_one_star_ratings": number,
```

```
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    },
    "story_distribution": {
        "average_rating": number,
        "num_five_star_ratings": number,
        "num_four_star_ratings": number,
        "num_one_star_ratings": number,
        "num_ratings": number,
        "num_three_star_ratings": number,
        "num_two_star_ratings": number
    }
},
"release_date": "string",
"runtime_length_min": number,
"sample_url": "string",
"sku": "string",
"subtitle": "string",
"title": "string",
"ws4v_companion_asin": "string"
}
]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

similar_products

Collection of resultant products for this page.

Type: array of [Product](#) (p. 110) objects

Errors

ServiceUnavailableHttpException

HTTP Status Code: 500

POST /content/{asin}/licenserequest

Retrieves license and details to consume an audiobook.

Important

This action requires customer authentication.

Note

This action uses the HTTP POST method, though conceptually it should be a GET. It uses POST because of size limitations of query string parameters and the large length of PlayReady DRM challenge strings.

Request Syntax

```
POST /1.0/content/{asin}/licenserequest HTTP/1.1
Content-type: application/json
```

```
{
  "acr": "string",
  "challenge": "string",
  "consumption_type": "string",
  "drm_type": "string",
  "expiration_override_ms": number,
  "num_active_offline_licenses": number,
  "playback_end_ms": number,
  "playback_start_ms": number,
  "response_groups": "string",
  "rights_validations": "string",
  "use_adaptive_bit_rate": boolean,
  "version": "string"
}
```

URI Request Parameters

The request accepts the following URI parameters.

asin

The ASIN identifier of the book.

Length constraints: Minimum length of 10. Maximum length of 10.

Required: Yes

Request Body

The request accepts the following data in JSON format.

acr

The identifier of a specific asset of a product. This could be provided for renewing the license for an existing asset likely obviating the need to download another asset of the same product. The old license response has the ACR identifying the asset.

Type: String

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

challenge

The challenge generated by the DRM client, when using DRM that uses client-side challenge, e.g. PlayReady.

Type: String

Required: No

consumption_type

The mechanism by which the customer wants to consume the book.

Type: String

Valid Values: `Streaming` | `Offline`

Required: Yes

drm_type

One of the acceptable DRM technologies that is supported by both - customer's hardware and the requested `consumption_type`.

Note

HLS and HDS only supports consumption type `streaming`. PlayReady supports all acceptable consumption types.

Type: String

Valid Values: `PlayReady` | `Hls` | `Hds`

Required: Yes

expiration_override_ms

The desired lifetime, in milliseconds, for the license.

Note

License will be valid for lesser of two values - value of this field AND the maximum permissible duration. Use least possible value for customer's security.

Default: Maximum permissible duration, which depends on many factors like, consumption type, DRM type, etc.

Type: Long

Required: No

num_active_offline_licenses

Current number of active licenses held by the customer. Most DRM clients should give this information. This field is required for requests with `consumption_type` set to `Offline`.

Type: Number

Valid range: Minimum value of 0.

Required: No

playback_end_ms

The position of the book (in milliseconds) up to which the license is requested.

Only applicable if `consumption_type` is HLS or HDS. Requires an explicit custom value if `playback_start_ms` is specified. Defaults to the value for the end of the book if neither this field nor `playback_start_ms` are specified.

Type: Long

Valid range: Minimum value of 1.

Required: No

playback_start_ms

The position of the book (in milliseconds) from which the license is requested.

Only applicable if consumption_type is HLS or HDS. Requires an explicit custom value if playback_end_ms is specified. Defaults to 0 if neither this field nor playback_end_ms are specified.

Type: Long

Valid range: Minimum value of 0.

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `content_url` | `content_license_key` | `content_reference` | `chapter_info` | `last_position_heard`

Type: String

Length constraints: Minimum length of 0. Maximum length of 500.

Required: No

rights_validations

The claim about why the user has rights to consume the book. Accepts a comma delimited list.

Note

The user could get rights by either buying the book (Ownership) or by subscribing in a product plan the book is associated with. This is for performance enhancement. It limits the check to only the claims passed.

Default: *All possible values.*

Valid Values: `Ownership` | `Radio` | `AmazonEnglish`

Type: String

Required: No

use_adaptive_bit_rate

Specifies whether adaptive bit rate url should be returned.

Only applicable if consumption_type is HLS or HDS.

Type: Boolean

Required: No

version

Specifies the version number of the asset for which the license is requested.

Type: String

Length constraints: Minimum length of 1. Maximum length of 21.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "content_license": {
    "acr": "string",
    "asin": "string",
    "content_metadata": {
      "chapter_info": {
        "chapters": [
          {
            "start_offset_sec": number,
            "title": "string"
          }
        ],
        "runtime_length_sec": number
      },
      "content_license_key": {
        "license_key_id": "string"
      },
      "content_reference": {
        "acr": "string",
        "asin": "string",
        "content_format": "string",
        "content_type": "string",
        "marketplace": "string",
        "sku": "string",
        "version": "string"
      },
      "content_url": {
        "offline_url": "string",
        "streaming_url": "string"
      },
      "last_position_heard": {
        "position_ms": number,
        "status": "string"
      }
    },
    "drm_type": "string",
    "license_response": "string",
    "message": "string",
    "request_id": "string",
    "status_code": "string"
  },
  "response_groups": [
    "string"
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

content_license

A single license to consume the book.

Type: [ContentLicense \(p. 96\)](#) object

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

GET /content/{asin}/metadata

Retrieves user-specific metadata associated with a product or a specific asset of that product.

Important

This action requires customer authentication.

Request Syntax

```
GET /1.0/content/{asin}/metadata?response_groups={response_groups}&acr={acr} HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

acr

The identifier of a specific asset of a product.

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

asin

The ASIN identifier of the product.

Length constraints: Minimum length of 10. Maximum length of 10.

Required: Yes

response_groups

Specifies which data should be returned. Use a comma delimited list to get response data associated with multiple groups.

Valid Values: content_url | content_license_key | content_reference |
chapter_info | last_position_heard

Length constraints: Minimum length of 0. Maximum length of 500.

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "content_metadata": {
    "chapter_info": {
      "chapters": [
        {
```

```
        "start_offset_sec": number,
        "title": "string"
    },
    ],
    "runtime_length_sec": number
},
"content_license_key": {
    "license_key_id": "string"
},
"content_reference": {
    "acr": "string",
    "asin": "string",
    "content_format": "string",
    "content_type": "string",
    "marketplace": "string",
    "sku": "string",
    "version": "string"
},
"content_url": {
    "offline_url": "string",
    "streaming_url": "string"
},
"last_position_heard": {
    "position_ms": number,
    "status": "string"
}
},
"response_groups": [
    "string"
]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

content_metadata

User specific metadata of the product or a specific asset of that product.

Type: [ContentMetadata](#) (p. 98) object

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

GET /pages/{page_id}

Retrieves a page consisting of unified content divided into sections.

This API provides a browse experience for a particular theme, such as a landing page or "Great First Listens." Users should be able to interact with this browse experience and discover content through actions such as selecting titles and navigating links.

Individual sections within a page are unified in the sense that they all relate to the theme of the page. Sections can contain a variety of content, including plain copy text, banner images, titles, and links to other pages.

Request Syntax

```
GET /1.0/pages/{page_id}?response_groups=response_groups&reviews_num_results=reviews_num_results&reviews_sort_by=reviews_sort_by&locale=locale HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

page_id

The page id to be retrieved.

Required: Yes

locale

The locale in which to display content.

A locale is specified by a lowercase two letter ISO 639-1 language code and an uppercase two letter ISO 3166-1 country code, separated by a hyphen (e.g. en-US for English in the United States, fr-FR for French in France).

Default: en-US

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `view` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating` | `reviews` | `review_attrs` | `ws4v` | `member_giving_invites` | `ae_details` | `category_ladders` | `category_metadata` | `category_media`

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when `reviews` response group is applied.

Default: 3

Max Value: 10

Pattern: `^\d+$`

Required: No

`reviews_sort_by`

The criterion for sorting the reviews.

Only valid when `reviews` response group is applied.

Default: `MostHelpful`

Valid Values: `MostHelpful` | `MostRecent`

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json

{
  "page": {
    "id": "string",
    "sections": [
      {
        "model": {
          "copy": "string",
          "headers": [
            "string"
          ],
          "images": [
            {
              "url": "string"
            }
          ],
          "links": [
            {
              "description": "string",
              "image": {
                "url": "string"
              },
              "label": "string",
              "type": "string"
            }
          ],
          "products": [
            {
              "asin": "string",
              "audible_editors_summary": "string",
              "authors": [
                {
                  "name": "string"
                }
              ]
            }
          ]
        }
      }
    ]
  }
}
```

```

    }
  ],
  "available_codecs": [
    {
      "enhanced_codec": "string",
      "format": "string",
      "is_kindle_enhanced": boolean,
      "name": "string"
    }
  ],
  "category_ladders": [
    {
      "date_product_available_in_category":
"string",

      "ladder": [
        {
          "children": [
            Category
          ],
          "default_offline_storage_days_count":
number,

          "default_offline_storage_item_count":
number,

          "description": "string",
          "header": "string",
          "id": "string",
          "images": [
            {
              "aspect_height": number,
              "aspect_width": number,
              "dpi": number,
              "image_url": "string",
              "variant": "string"
            }
          ],
          "initial_download_days_count":
number,

          "initial_download_item_count":
number,

          "is_new": boolean,
          "localized_name":
            {
              "string" :
                "string"
            },
          "name": "string",
          "products": [
            Product
          ],
          "suppress_release_date": boolean
        }
      ],
      "root": "string"
    }
  ],
  "content_delivery_type": "string",
  "content_level": "string",
  "content_type": "string",

```

```
"copyright":
{
    "string" :
        "string"
},
"customer_reviews": [
{
    "author_name": "string",
    "body": "string",
    "format": "string",
    "guided_responses": [
        {
            "answer": "string",
            "id": "string",
            "question": "string",
            "question_type": "string"
        }
    ],
    "id": "string",
    "location": "string",
    "ratings": {
        "overall_rating": number,
        "performance_rating": number,
        "story_rating": number
    },
    "review_content_scores": {
        "content_quality": number,
        "num_helpful_votes": number,
        "num_unhelpful_votes": number
    },
    "submission_date": "string",
    "title": "string"
},
],
"editorial_reviews": [
    "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent":
{
    "string" :
        "string"
},
"narrators": [
{
    "name": "string"
}
],
"plans": [
```

```
{
  "end_date": "string",
  "plan_name": "string",
  "start_date": "string"
},
"price": {
  "credit_price": number,
  "is_buy_for_free_eligible": boolean,
  "is_credit_price_eligible": boolean,
  "is_free_eligible": boolean,
  "is_ws4v_upsell_eligible": boolean,
  "list_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
    "type": "string"
  },
  "lowest_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
    "type": "string"
  },
  "ws4v_upsell_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
    "type": "string"
  }
},
"product_images": {
  "string" :
    "string"
},
"publication_name": "string",
"publisher_name": "string",
"publisher_summary": "string",
"rating": {
  "num_reviews": number,
  "overall_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  },
  "performance_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  }
}
```

```
        },
        "story_distribution": {
            "average_rating": number,
            "num_five_star_ratings": number,
            "num_four_star_ratings": number,
            "num_one_star_ratings": number,
            "num_ratings": number,
            "num_three_star_ratings": number,
            "num_two_star_ratings": number
        }
    },
    "release_date": "string",
    "runtime_length_min": number,
    "sample_url": "string",
    "sku": "string",
    "subtitle": "string",
    "title": "string",
    "ws4v_companion_asin": "string"
}
],
"quotes": [
    {
        "attribution": "string",
        "text": "string"
    }
]
},
"view": {
    "location": "string",
    "templates": "string"
}
}
]
},
"response_groups": [
    "string"
]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

page

The resultant page object for this request.

Type: [Page](#) (p. 107) object

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

Errors

ResourceNotFoundHttpException

HTTP Status Code: 400

GET /recommendations

Retrieves a list of recommended titles for the customer derived from user activity.

Important

This action requires customer authentication.

Request Syntax

```
GET /1.0/recommendations?response_groups=response_groups&associate_code=associate_code&num_results=num_results&plan=plan&in_plan_timestamp=in_plan_timestamp&not_in_plan_timestamp=not_in_plan_timestamp&image_sizes=image_sizes&reviews_num_results=reviews_num_results&reviews_sort_by=reviews_sort_by&image_dpi=image_dpi&category_image_variants=category_image_variants&language=language HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

associate_code

The associate code for tracking user entry point and targeted pricing for a customer reaching us through an associate.

Note

Please contact us to get a code once your app is ready.

Required: No

category_image_variants

The image variants of category images to be retrieved. Takes a comma delimited list.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: *uses all valid values*

Valid Values: Rodizio | Icon.

Required: No

image_dpi

The DPI of the category images being returned.

Only valid when `category_ladders` and `category_media` response groups are applied.

Default: 320

Pattern: `^\d+$`

Required: No

image_sizes

Size (in pixels) of the longest side for the product's image. A comma delimited list would return different URLs for the image scaled to the specified sizes.

Only valid when `media` response group is applied.

Default: 500

Required: No

in_plan_timestamp

The timestamp at which the retrieved products should be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Current guidance is to pass the most recent midnight UTC timestamp so that your requests don't change regularly and can take advantage of request caching.

Required if `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

language

The languages (in ISO 639-1 code) that product metadata should be returned in. Takes a comma delimited list. eg. If you want in English and Japanese use `en, ja`.

Note

Each product may not have metadata published in all languages. If the metadata in the requested language is not published, it won't be returned.

Required: No

not_in_plan_timestamp

The timestamp at which the retrieved products should NOT be available in the specified product plan.

Note

Products belong to a product plan only for a certain duration.

Only valid when `plan` is specified.

Valid Format: DateTime in ISO 8601

Length constraints: Minimum length of 0. Maximum length of 30.

Required: No

num_results

The number of results to retrieve per page.

Default: 15

Max Value: 50

Pattern: `^\d+$`

Required: No

plan

The product plan associated with the products.

Valid Values: `Rodizio` | `RodizioFreeBasic` | `Radio` | `AmazonEnglish` | `AllYouCanEat`

Required: No

response_groups

Specifies which data should be returned. The `always-returned` response group is by default applied to each request and returns basic information. Use a comma delimited list to get more detailed response data.

Valid Values: `always-returned` | `sku` | `contributors` | `product_desc` | `product_attrs` | `product_extended_attrs` | `product_plans` | `media` | `sample` | `price` | `rating`

| reviews | review_attrs | ws4v | member_giving_invites | ae_details |
category_ladders | category_metadata | category_media

Required: No

reviews_num_results

The number of reviews per product to be retrieved.

Only valid when reviews response group is applied.

Default: 3

Max Value: 10

Pattern: ^\d+\$

Required: No

reviews_sort_by

The criterion for sorting the reviews.

Only valid when reviews response group is applied.

Default: MostHelpful

Valid Values: MostHelpful | MostRecent

Required: No

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Cache-Control: CacheControl
Content-type: application/json

{
  "recommendations": [
    {
      "asin": "string",
      "audible_editors_summary": "string",
      "authors": [
        {
          "name": "string"
        }
      ],
      "available_codecs": [
        {
          "enhanced_codec": "string",
          "format": "string",
          "is_kindle_enhanced": boolean,
          "name": "string"
        }
      ],
      "category_ladders": [
```

```
{
  "date_product_available_in_category": "string",
  "ladder": [
    {
      "children": [
        Category
      ],
      "default_offline_storage_days_count": number,
      "default_offline_storage_item_count": number,
      "description": "string",
      "header": "string",
      "id": "string",
      "images": [
        {
          "aspect_height": number,
          "aspect_width": number,
          "dpi": number,
          "image_url": "string",
          "variant": "string"
        }
      ],
      "initial_download_days_count": number,
      "initial_download_item_count": number,
      "is_new": boolean,
      "localized_name": {
        "string" :
          "string"
      },
      "name": "string",
      "products": [
        Product
      ],
      "suppress_release_date": boolean
    }
  ],
  "root": "string"
},
"content_delivery_type": "string",
"content_level": "string",
"content_type": "string",
"copyright": {
  "string" :
    "string"
},
"customer_reviews": [
  {
    "author_name": "string",
    "body": "string",
    "format": "string",
    "guided_responses": [
      {
        "answer": "string",
        "id": "string",
        "question": "string",
        "question_type": "string"
      }
    ]
  }
]
```

```
    }
  ],
  "id": "string",
  "location": "string",
  "ratings": {
    "overall_rating": number,
    "performance_rating": number,
    "story_rating": number
  },
  "review_content_scores": {
    "content_quality": number,
    "num_helpful_votes": number,
    "num_unhelpful_votes": number
  },
  "submission_date": "string",
  "title": "string"
}
],
"editorial_reviews": [
  "string"
],
"format_type": "string",
"invites_remaining": number,
"is_adult_product": boolean,
"is_in_wishlist": boolean,
"is_ws4v_companion_asin_owned": boolean,
"is_ws4v_enabled": boolean,
"issue_date": "string",
"language": "string",
"member_giving_status": "string",
"merchandising_summary": "string",
"narration_accent":
{
  "string" :
    "string"
},
"narrators": [
{
  "name": "string"
}
],
"plans": [
{
  "end_date": "string",
  "plan_name": "string",
  "start_date": "string"
}
],
"price": {
  "credit_price": number,
  "is_buy_for_free_eligible": boolean,
  "is_credit_price_eligible": boolean,
  "is_free_eligible": boolean,
  "is_ws4v_upsell_eligible": boolean,
  "list_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
```

```
    "type": "string"
  },
  "lowest_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
    "type": "string"
  },
  "ws4v_upsell_price": {
    "base": number,
    "currency_code": "string",
    "merchant_id": "string",
    "type": "string"
  }
},
"product_images":
{
  "string" :
    "string"
},
"publication_name": "string",
"publisher_name": "string",
"publisher_summary": "string",
"rating": {
  "num_reviews": number,
  "overall_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  },
  "performance_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  },
  "story_distribution": {
    "average_rating": number,
    "num_five_star_ratings": number,
    "num_four_star_ratings": number,
    "num_one_star_ratings": number,
    "num_ratings": number,
    "num_three_star_ratings": number,
    "num_two_star_ratings": number
  }
},
"release_date": "string",
"runtime_length_min": number,
"sample_url": "string",
"sku": "string",
"subtitle": "string",
```

```
        "title": "string",  
        "ws4v_companion_asin": "string"  
    },  
    ],  
    "response_groups": [  
        "string"  
    ]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The response returns the following HTTP headers.

CacheControl

Standard HTTP/1.1 [Cache-Control](#) header.

The following data is returned in JSON format by the service.

recommendations

Collection of recommended products.

Type: array of [Product](#) (p. 110) objects

response_groups

Successful response groups. Data associated with these response groups was successfully retrieved.

Type: array of Strings

Errors

BadRequestHttpException

HTTP Status Code: 400

InternalServerErrorException

HTTP Status Code: 500

ServiceUnavailableHttpException

HTTP Status Code: 500

Data Types

The Audible API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in the response is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [AsinLPH](#) (p. 89)
- [Author](#) (p. 89)
- [BinRange](#) (p. 90)
- [Category](#) (p. 90)
- [CategoryImage](#) (p. 93)
- [CategoryLadder](#) (p. 94)
- [Chapter](#) (p. 94)
- [ChapterInfo](#) (p. 95)
- [Codec](#) (p. 95)
- [ContentLicense](#) (p. 96)
- [ContentLicenseKey](#) (p. 98)
- [ContentMetadata](#) (p. 98)
- [ContentReference](#) (p. 99)
- [ContentUrl](#) (p. 100)
- [CustomerPrice](#) (p. 101)
- [CustomerReview](#) (p. 102)
- [GuidedReviewResponse](#) (p. 104)
- [Hyperlink](#) (p. 104)
- [Image](#) (p. 105)
- [LastPositionHeard](#) (p. 106)
- [Narrator](#) (p. 106)
- [Page](#) (p. 107)
- [PageSection](#) (p. 107)
- [PageSectionModel](#) (p. 108)

- [PageSectionView](#) (p. 109)
- [Price](#) (p. 109)
- [Product](#) (p. 110)
- [ProductFilterBin](#) (p. 115)
- [ProductFilterField](#) (p. 116)
- [ProductPlan](#) (p. 116)
- [ProductRating](#) (p. 117)
- [Quote](#) (p. 118)
- [RatingDistribution](#) (p. 118)
- [ReviewContentScores](#) (p. 119)
- [ReviewRatings](#) (p. 120)

AsinLPH

Description

Describes association of the book and its last heard position by a customer.

Contents

asin

The ASIN identifier of the book.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 10. Maximum length of 10.

Required: No

last_position_heard

The last position in the book the customer listened. It is across different assets on same or different device.

Response Group: always-returned

Type: [LastPositionHeard](#) (p. 106) object

Required: No

Author

Description

Describes an author of a book.

Contents

name

Preferred name of the author.

Response Group: always-returned

Type: String

Required: No

BinRange

Description

Describes the numerical range of a numeric binning field.

Contents

max

Response Group: always-returned

Type: Number

Required: No

min

Response Group: always-returned

Type: Number

Required: No

Category

Description

Describes a category used for classifying the catalog.

Note

A category can have child category and/or some products associated with it. The most ancestral category (category without any parent category) is associated with a root node that represents the type of products that category and its decedent categories can have.

Contents

children

Collection of child categories of this category.

Response Group: always-returned

Type: array of [Category](#) (p. 90) objects

Required: No

default_offline_storage_days_count

The default number of days worth of offline items that should be stored for this category.

Response Group: offline_listening

Applicable to categories under the root 'shorts_curated'.

Type: Long

Required: No

default_offline_storage_item_count

The default number of offline items that should be stored for this category.

Response Group: offline_listening

Applicable to categories under the root 'shorts_curated'.

Type: Long

Required: No

description

A human readable short-description of this category.

Response Group: category_metadata

Type: String

Required: No

header

A header for child categories.

Response Group: category_metadata

Type: String

Required: No

id

The unique identifier of this category.

Response Group: always-returned

Type: String

Pattern: ^\d+\$

Required: No

images

Collection of images representing the products in this category.

Response Group: category_media

Type: array of [CategoryImage \(p. 93\)](#) objects

Required: No

initial_download_days_count

The default number of days worth of items that should be downloaded initially.

Response Group: offline_listening

Applicable to categories under the root 'shorts_curated'.

Type: Long

Required: No

initial_download_item_count

The default number of items that should be downloaded initially.

Response Group: offline_listening

Applicable to categories under the root 'shorts_curated'.

Type: Long

Required: No

is_new

True if this is tagged as a new category.

Response Group: category_metadata

Type: Boolean

Required: No

localized_name

Name of the category in the language specified in the `language` field of the request.

Note

This is returned only if this localized metadata is available for the given `language`.

Response Group: always-returned

Type: String to String map

Required: No

name

The public name of this category.

Response Group: always-returned

Type: String

Required: No

products

Collection of subset of products in this category.

Response Group: products

Type: array of [Product \(p. 110\)](#) objects

Required: No

suppress_release_date

Flag indicating whether or not the release date should be suppressed from products contained within this Category..

Response Group: offline_listening

Applicable to categories under the root 'shorts_curated'.

Type: Boolean

Required: No

CategoryImage

Description

Describes an image representing a category's contents.

Contents

aspect_height

The aspect ratio height of this image.

Response Group: always-returned

Type: Number

Required: No

aspect_width

The aspect ratio width of this image.

Response Group: always-returned

Type: Number

Required: No

dpi

The actual dpi of the image. This may differ from the requested dpi.

Response Group: always-returned

Type: Number

Required: No

image_url

The public url of the actual image.

Response Group: always-returned

Type: String

Required: No

variant

The variant of the image.

Response Group: always-returned

Type: String

Valid Values: `Rodizio` | `Icon`

Required: No

CategoryLadder

Description

Describes a category ladder, a collection representing all hierarchical ancestors of a category and the corresponding category root.

Contents

date_product_available_in_category

Date the product became available in the category.

Response Group: product_availability

Applicable to categories under the root 'shorts_curated'.

Type: String

Required: No

ladder

Collection of categories in hierarchical top-down order.

Response Group: always-returned

Type: array of [Category \(p. 90\)](#) objects

Required: No

root

Category root of the categories in this ladder.

Response Group: always-returned

Type: String

Valid Values: Genres | ExploreBy | EditorsPicks | RodizioGenres |
RodizioEpisodesAndSeries | RodizioBuckets | Shorts | ShortsSandbox | Curated
| AmazonEnglishProducts | ShortsCurated | ShortsPrime |
ShortsIntroOutroRemoval | ChannelsConfigurator | AEReadster

Required: No

Chapter

Description

Describes a chapter in an audiobook.

Contents

start_offset_sec

The location in the book (in seconds) from where this chapter starts.

Response Group: always-returned

Type: Number

Valid range: Minimum value of 0.

Required: No

title

The title of this chapter.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 255.

Required: No

ChapterInfo

Description

Describes information of the chapters in an audiobook.

Contents

chapters

Collection of chapters in an audiobook.

Response Group: always-returned

Type: array of [Chapter \(p. 94\)](#) objects

Required: No

runtime_length_sec

The running time length in seconds of the entire audiobook.

Response Group: always-returned

Type: Number

Valid range: Minimum value of 1.

Required: No

Codec

Description

Describes a codec.

Contents

enhanced_codec

Response Group: always-returned

Type: String

Valid Values: aax_sync_img | aax | aax_sync_weblink | aax_web_link | LC_128_44100_stereo | LC_64_44100_stereo | LC_64_22050_stereo | LC_32_22050_stereo | format4 | mp332 | format3 | acelp16 | format2 | acelp85 | format1 | rev1 | mp42232 | mp42264 | mp44464 | mp444128 | piff2264 | piff2232 | piff4464 | piff44128 | aiv2264 | aiv2232 | aiv4464 | aiv44128

Required: No

format

Response Group: always-returned

Type: String

Valid Values: EnhancedImage | Enhanced | Format4 | Format3 | Format2 | Format1

Required: No

is_kindle_enhanced

If true, the codec can support both images and audio, else it can support only audio.

Response Group: always-returned

Type: Boolean

Required: No

name

Response Group: always-returned

Type: String

Valid Values: aax_sync_img | aax | has_sync_weblink | aax_web_link | aax_44_128 | aax_44 | aax_44_64 | aax_22_64 | aax_22 | aax_22_32 | format4 | mp332 | format3 | acelp16 | format2 | acelp85 | format1 | rev1 | unknown | mp4_22_32 | mp4_22_64 | mp4_44_64 | mp4_44_128 | piff_22_64 | piff_22_32 | piff_44_64 | piff_44_128 | aiv_22_64 | aiv_22_32 | aiv_44_64 | aiv_44_128

Required: No

ContentLicense

Description

Describes a license to consume the content of an audiobook or the reason why the license could not be granted.

Contents

acr

The identifier of a specific asset of a product for which the license is granted.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

asin

The ASIN identifier of the product for which the license was requested.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 10. Maximum length of 10.

Required: No

content_metadata

User specific metadata of the product or a specific asset of that product.

Type: [ContentMetadata \(p. 98\)](#) object

Required: No

drm_type

The DRM technology that could use this license to access the content.

Response Group: always-returned

Type: String

Valid Values: `PlayReady` | `Hls` | `Hds`

Required: No

license_response

The actual license to consume the content. `Null` if license not granted.

Response Group: always-returned

Type: String

Required: No

message

Explanation why the license could not be granted. `Null` if license is granted.

Response Group: always-returned

Type: String

Required: No

request_id

The identifier of the request made.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 255.

Required: No

status_code

The status of the request.

Response Group: always-returned

Type: String

Valid Values: `Granted` | `Degraded` | `Denied` | `Error`

Required: No

ContentLicenseKey

Description

Describes a license key of a specific asset of a product.

Contents

license_key_id

The license key Id.

Response Group: always-returned

Type: String

Required: No

ContentMetadata

Description

Describes customer specific metadata associated with the product or a specific asset of that product.

Contents

chapter_info

Information of the chapters in the product or a specific asset of that product.

Response Group: chapter_info

Type: [ChapterInfo](#) (p. 95) object

Required: No

content_license_key

The license key for a specific asset of a product if the corresponding DRM supports.

Response Group: content_license_key

Type: [ContentLicenseKey](#) (p. 98) object

Required: No

content_reference

The metadata associated with the asset.

Response Group: content_reference

Type: [ContentReference \(p. 99\)](#) object

Required: No

content_url

The endpoint from where the asset can be retrieved.

Response Group: content_url

Type: [ContentUrl \(p. 100\)](#) object

Required: No

last_position_heard

The last position in the book the customer listened. It is across different assets on same or different device.

Response Group: last_position_heard

Type: [LastPositionHeard \(p. 106\)](#) object

Required: No

ContentReference

Description

Describes the metadata associated with a specific asset of a product.

Contents

acr

Identifier of this asset.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

asin

ASIN identifier of the product to which this asset belongs.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 10. Maximum length of 10.

Required: No

content_format

The codec format supported for this asset.

Response Group: always-returned

Type: String

Valid Values: M4A_AAX

Required: No

content_type

The type of the product for which the license is granted.

Response Group: always-returned

Type: String

Valid Values: AUDIO_BOOK

Required: No

marketplace

Type: String

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

sku

SKU identifier of the product to which this asset belongs.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 32.

Required: No

version

The version number of this asset.

Response Group: always-returned

Type: String

Length constraints: Minimum length of 1. Maximum length of 21.

Required: No

ContentUrl

Description

Describes the endpoint from where the content can be consumed (specific to PlayReady DRM).

Contents

offline_url

The URL of the server manifest file for offline download.

Response Group: always-returned

Type: String

Required: No

streaming_url

The URL of the client manifest file for content streaming.

Response Group: always-returned

Type: String

Required: No

CustomerPrice

Description

Describes various price available to purchase the product.

Contents

credit_price

Number of credits required to buy the product.

Response Group: always-returned

Type: Float

Required: No

is_buy_for_free_eligible

Reserved for future enhancement.

Type: Boolean

Required: No

is_credit_price_eligible

Reserved for future enhancement.

Type: Boolean

Required: No

is_free_eligible

Reserved for future enhancement.

Type: Boolean

Required: No

is_ws4v_upsell_eligible

Reserved for future enhancement.

Type: Boolean

Required: No

list_price

The regular list price of the product.

Response Group: always-returned

Type: [Price \(p. 109\)](#) object

Required: No

lowest_price

The calculated lowest price through which the customer could buy the product.

Response Group: always-returned

Type: [Price \(p. 109\)](#) object

Required: No

ws4v_upsell_price

Price for the customer when he or she owns the corresponding kindle e-book.

Response Group: always-returned

Type: [Price \(p. 109\)](#) object

Required: No

CustomerReview

Description

Describes a review posted by a customer.

Contents

author_name

Preferred name of the reviewer.

Response Group: review_attrs

Type: String

Required: No

body

The review text.

Response Group: review_attrs

Type: String

Required: No

format

If this review contains only ratings it is classified as `RatingOnly`. If the review was given based on some guiding questions presented to the reviewer, it is classified as `Guided`. All remaining reviews are classified as `Freeform`.

Response Group: review_attrs

Type: String

Valid Values: `Freeform` | `Guided` | `RatingOnly`

Required: No

guided_responses

Collection of reviewer's responses to guiding questions presented while reviewing.

Response Group: review_attrs

Type: array of [GuidedReviewResponse \(p. 104\)](#) objects

Required: No

id

The identifier of the review.

Response Group: always-returned

Type: String

Required: No

location

The location of the reviewer. It may include the reviewer's city or state or country.

Response Group: review_attrs

Type: String

Required: No

ratings

The ratings given in this review by the reviewer.

Response Group: review_attrs

Type: [ReviewRatings \(p. 120\)](#) object

Required: No

review_content_scores

Indicates the quality of this review rated by other readers of the review.

Response Group: review_attrs

Type: [ReviewContentScores \(p. 119\)](#) object

Required: No

submission_date

Response Group: review_attrs

Type: String

Required: No

title

Response Group: review_attrs

Type: String

Required: No

GuidedReviewResponse

Description

Describes a reviewer's response to a guiding question in a review. An example of guiding question - Would you consider the audio edition of this book to be better than the print version?

Contents

answer

The reviewer's response to the guiding question.

Response Group: always-returned

Type: String

Required: No

id

Response Group: always-returned

Type: String

Required: No

question

The guiding question.

Response Group: always-returned

Type: String

Required: No

question_type

The dimension of the product about which the reviewer was questioned.

Response Group: always-returned

Type: String

Valid Values: Overall | Story | Performance | Genre | Misc

Required: No

Hyperlink

Description

An abstract object that describes a clickable link.

Contents

description

A description of what can be found in the link.

Response Group: always_returned

Type: String

Required: No

image

An image to display on this clickable link.

Response Group: always_returned

Type: [Image \(p. 105\)](#) object

Required: No

label

The written content to display on this clickable link.

Response Group: always_returned

Type: String

Required: No

type

Indicates the type of this hyperlink (e.g. "ProductsApiLink" to indicate that this is a ProductsApiLink object)

Response Group: always_returned

Type: String

Valid Values: `PageApiLink` | `ProductsApiLink` | `ExternalLink`

Required: No

Image

Description

Describes an image to display in this section.

Contents

url

The media-central url of this image.

Response Group: always_returned

Type: String

Required: No

LastPositionHeard

Description

Describes the location of the book that was last heard by a customer.

Contents

position_ms

The location of the book in milliseconds that was last heard by a customer.

Response Group: always-returned

Type: Long

Required: No

status

Indicates if last heard position exists or not. If the customer has never begun listening this book it may not exist.

Response Group: always-returned

Type: String

Valid Values: `Exists` | `DoesNotExist`

Required: No

Narrator

Description

Describes a narrator.

Contents

name

Preferred name of the narrator.

Response Group: always-returned

Type: String

Required: No

Page

Description

A page represents a themed browse experience on a screen that a user can interact with in order to discover content. A page is divided into individual sections that are unified by the theme of the page.

Contents

id

The unique identifier of this page.

Response Group: always_returned

Type: String

Required: No

sections

Response Group: always_returned

Type: array of [PageSection \(p. 107\)](#) objects

Required: No

PageSection

Description

A page section is the basic component of a page; together, a list of page sections make up a page. A page section can present a variety of content, including plain copy text, banner images, titles, and links to other pages.

Contents

model

Response Group: always_returned

Type: [PageSectionModel \(p. 108\)](#) object

Required: No

view

Response Group: view

Type: [PageSectionView \(p. 109\)](#) object

Required: No

PageSectionModel

Description

Describes the content of this page section.

Contents

copy

A longer field of text to display in this section.

Response Group: always_returned

Type: String

Required: No

headers

A list of header text fields that should be displayed as lead-in text when displaying this section.

Headers should be specified in the order of their weight (i.e. entries at the beginning of the list should be displayed more prominently than entries at the end).

Response Group: always_returned

Type: array of Strings

Required: No

images

A list of images to display in this section.

Response Group: always_returned

Type: array of [Image \(p. 105\)](#) objects

Required: No

links

A list of clickable links to display in this section.

Response Group: always_returned

Type: array of [Hyperlink \(p. 104\)](#) objects

Required: No

products

A list of products to display in this section.

Response Group: always_returned

Type: array of [Product \(p. 110\)](#) objects

Required: No

quotes

A list of quotes to display in this section.

Response Group: always_returned

Type: array of [Quote \(p. 118\)](#) objects

Required: No

PageSectionView

Description

Describes how the page section should be displayed.

Contents

location

The recommended placement of this section relative to other sections on this page.

Response Group: view

Type: String

Required: No

templates

A comma-delimited list of formatting templates in which this section is meant to be displayed.

Response Group: view

Type: String

Required: No

Price

Description

Describes a price of a product.

Contents

base

The actual price including applicable taxes.

Response Group: always-returned

Type: Float

Required: No

currency_code

Indicates ISO 4217 currency code.

Response Group: always-returned

Type: String

Required: No

merchant_id

Reserved for future enhancement.

Type: String

Required: No

type

Response Group: always-returned

Type: String

Valid Values: `sale` | `list` | `member` | `competitive` | `ws4v_upsell`

Required: No

Product

Description

Describes a product.

Contents

asin

ASIN identifier of the product.

Response Group: always-returned

Type: String

Required: No

audible_editors_summary

The Audible Editors' Summary (AES) is an official, copy-edited description of this product.

Response Group: `product_extended_attrs`

Type: String

Required: No

authors

A collection of authors of this product.

Response Group: `contributors`

Type: array of [Author \(p. 89\)](#) objects

Required: No

available_codecs

Response Group: `product_attrs`

Type: array of [Codec \(p. 95\)](#) objects

Required: No

category_ladders

A collection of category ladder of all the categories this product falls under.

Response Group: category_ladders

Type: array of [CategoryLadder \(p. 94\)](#) objects

Required: No

content_delivery_type

Indicates what type of the product would be delivered to the customer. E.g. MultiPartBook means content of this audiobook is a subset of a big book.

Response Group: product_attrs

Type: String

Valid Values: SinglePartBook | MultiPartBook | Subscription | AudioPart |
SinglePartIssue | MultiPartIssue | Periodical | Bundle | Hardgood |
GiftMembership | Hardware | Credits | LanguageLearning | AmazonEnglishParent
| Unknown

Required: No

content_level

The content level associated with this product.

Response Group: ae_details

Type: String

Required: No

content_type

Indicates the origin type of the content in this product. E.g. Performance means this product is a recording of a live performance. Product means this product is a audio-recording of a book.

Response Group: product_attrs

Type: String

Valid Values: Product | Performance | Speech | Lecture | WalkingTour |
RadioTvProgram | NewspaperMagazine | Periodical | Wordcast | Excerpt | Other
| Article | Album | Episode | Hypnosis | Meditation | Misc

Required: No

copyright

Copyright blurb in the language specified in the language field of the request.

Response Group: product_extended_attrs

Type: String to String map

Required: No

customer_reviews

Response Group: reviews

Type: array of [CustomerReview \(p. 102\)](#) objects

Required: No

editorial_reviews

Response Group: product_extended_attrs

Type: array of Strings

Required: No

format_type

Indicates how the product has been edited. E.g. `abridged` indicates that the product is a shorter version of the original book.

Response Group: `product_attrs`

Type: String

Valid Values: `abridged` | `unabridged` | `highlights` | `original_recording` | `none`

Required: No

invites_remaining

Number of Member Giving Program invites customer can use for this product. The Member Giving Program is currently available only in the US region.

Response Group: `member_giving_invites`

Type: Long

Required: No

is_adult_product

If true, the content of the product is inappropriate for children.

Response Group: `product_attrs`

Type: Boolean

Required: No

is_in_wishlist

Reserved for future enhancement.

Type: Boolean

Required: No

is_ws4v_companion_asin_owned

True if this customer owns corresponding kindle e-book.

Response Group: `ws4v`

Type: Boolean

Required: No

is_ws4v_enabled

True if this product is whispersync-for-voice ready.

Response Group: `ws4v`

Type: Boolean

Required: No

issue_date

The publication date of this product in in ISO 8601 format.

Response Group: `product_attrs`

Type: String

Required: No

language

The language of the product's content. E.g. english, spanish, russian, etc.

Response Group: product_attrs

Type: String

Required: No

member_giving_status

Describes customer's and product's eligibility for the Member Giving Program. Currently, the Member Giving Program is available only in the US marketplace.

Response Group: member_giving_invites

Type: String

Valid Values: `CustomerNotEligible` | `AsinNotGivable` | `MaxCountReached` | `Eligible`

Required: No

merchandising_summary

The merchandising summary of the product.

Response Group: product_attrs

Type: String

Required: No

narration_accent

A map of language to narration accent for the product in that language. The languages are the ones specified in the language parameter.

Response Group: ae_details

Type: String to String map

Required: No

narrators

Response Group: contributors

Type: array of [Narrator \(p. 106\)](#) objects

Required: No

plans

The product plans that are associated with this product.

Response Group: product_plans

Type: array of [ProductPlan \(p. 116\)](#) objects

Required: No

price

Response Group: price

Type: [CustomerPrice \(p. 101\)](#) object

Required: No

product_images

Map of requested image sizes to url of this product's image scaled to that size.

Response Group: media

Type: String to String map

Required: No

publication_name

Response Group: product_attrs

Type: String

Required: No

publisher_name

Response Group: contributors

Type: String

Required: No

publisher_summary

Summary of the product from its publisher.

Response Group: product_extended_attrs

Type: String

Required: No

rating

Response Group: rating

Type: [ProductRating \(p. 117\)](#) object

Required: No

release_date

Response Group: product_attrs

Type: String

Required: No

runtime_length_min

The total running time duration in minutes.

Response Group: product_attrs

Type: Number

Required: No

sample_url

The absolute-path URL for an MP3 sample of this product (null if not available).

Response Group: sample

Type: String

Required: No

sku

The SKU identifier of this product.

Response Group: sku

Type: String

Required: No

subtitle

Response Group: product_desc

Type: String

Required: No

title

Response Group: product_desc

Type: String

Required: No

ws4v_companion_asin

The ASIN identifier of the corresponding kindle e-book.

Response Group: ws4v

Type: String

Required: No

ProductFilterBin

Description

Describes a bin under a binning field.

Contents

label

Localized string that can be used as a label for this bin.

Type: String

Required: No

name

Response Group: always-returned

Type: String

Required: No

product_count

Number of products in this bin.

Response Group: always-returned

Type: Number

Required: No

ProductFilterField

Description

Describes a data-binning field.

Contents

bin_range

Max and min range for the numeric binning fields such as RuntimeLength, Rating and ContentLevel.

Response Group: always-returned

Type: [BinRange \(p. 90\)](#) object

Required: No

bins

Collection of bins under this field.

Response Group: always-returned

Type: array of [ProductFilterBin \(p. 115\)](#) objects

Required: No

name

The name of this field.

Response Group: always-returned

Type: String

Required: No

ProductPlan

Description

Describes an Audible 'product plan'.

Contents

end_date

End date of the plan in ISO 8601 format.

Response Group: product_plans

Type: String

Required: No

plan_name

Name of the plan.

Response Group: product_plans

Type: String

Valid Values: Rodizio | RodizioFreeBasic | Radio | AmazonEnglish | AllYouCanEat

Required: No

start_date

Start date of the plan in ISO 8601 format.

Response Group: product_plans

Type: String

Required: No

ProductRating

Description

Describes rating distribution across various characteristics of a product.

Contents

num_reviews

Total number of reviews for this product.

Response Group: always-returned

Type: Long

Required: No

overall_distribution

Response Group: always-returned

Type: [RatingDistribution](#) (p. 118) object

Required: No

performance_distribution

Response Group: always-returned

Type: [RatingDistribution](#) (p. 118) object

Required: No

story_distribution

Response Group: always-returned

Type: [RatingDistribution](#) (p. 118) object

Required: No

Quote

Description

Describes a quote to display in this section.

Contents

attribution

The attributor/author of this quote.

Response Group: always_returned

Type: String

Required: No

text

The text of this quote.

Response Group: always_returned

Type: String

Required: No

RatingDistribution

Description

Summarizes how the reviewers have rated this product.

Contents

average_rating

The average ratings, or zero if there are no ratings.

Response Group: always-returned

Type: Double

Required: No

num_five_star_ratings

The total number of reviews having five-star rating for this product.

Response Group: always-returned

Type: Long

Required: No

num_four_star_ratings

The total number of reviews having four-star rating for this product.

Response Group: always-returned

Type: Long

Required: No

num_one_star_ratings

The total number of reviews having one-star rating for this product.

Response Group: always-returned

Type: Long

Required: No

num_ratings

The total number of ratings this product has received.

Response Group: always-returned

Type: Long

Required: No

num_three_star_ratings

The total number of reviews having three-star rating for this product.

Response Group: always-returned

Type: Long

Required: No

num_two_star_ratings

The total number of reviews having two-star rating for this product.

Response Group: always-returned

Type: Long

Required: No

ReviewContentScores

Description

Describes the quality of the review as rated by other reader's who read this review.

Contents

content_quality

A score indicating the quality of the review.

Response Group: always-returned

Type: Number

Required: No

num_helpful_votes

Number of customers who voted this review was helpful.

Response Group: always-returned

Type: Long

Required: No

num_unhelpful_votes

Number of customers who voted this review was not-helpful.

Response Group: always-returned

Type: Long

Required: No

ReviewRatings

Description

Describes rating scores on various characteristics of the product.

Contents

overall_rating

Response Group: always returned

Type: Number

Required: No

performance_rating

Response Group: always returned

Type: Number

Required: No

story_rating

Response Group: always returned

Type: Number

Required: No

Library Access in Audible API

Overview

This document describes the current state of Audible API and its resources. Presently, the API provides access to many Audible resources including the product catalog, recommendations, browse pages, and content streams. New operations will be added in the future to unlock even more access.

However, this version of Audible API does not have any operations that enable access to one's Audible library. The library is the collection of audiobooks and subscriptions that an Audible customer has purchased. Many client applications need the ability to display these purchased titles, and the absence of an API endpoint for library is problematic.

Until proper library resources are made available in Audible API, a temporary endpoint is available for use. This operation allows client applications to list a customer's purchased books. When this data is combined with the rest of Audible API, it is possible to build rich user experiences. Note, however, that this temporary endpoint does not conform to the conventions established in the rest of the API, and you will find using it more challenging. This chapter offers some guidance on how to use it, but not all details will be covered.

Warning

The library API described in this chapter is offered without support and is scheduled for deprecation. Client applications using it may encounter unpredictable responses and can stop working when the operations are removed at a future date. Use at your own peril.

GET /0.0/library/books

Important

This action requires customer authentication. Use the `audible:library_read` OAuth scope.

Request Syntax

```
GET /0.0/library/books?purchaseAfterDate=purchaseAfterDate&categoryFilter=categoryFilter&sortByColumn=sortByColumn&sortInAscendingOrder=sortInAscendingOrder&continuationTokenRequestedByClient=continuationTokenRequestedByClient  
HTTP/1.1
```

URI Request Parameters

The request accepts the following URI parameters.

purchaseAfterDate

A minimum value for the purchase date of the books in the library to return.

Date Format: MM/dd/yyyy

Required: Yes

categoryFilter

A category_id by which the books in the library should be filtered.

Pattern: ^\d+\$

Required: No

sortByColumn

The field on which items in the response should be sorted.

Valid Values: DATE_AVAILABLE | SHORT_TITLE | SHORT_AUTHOR | RUNNING_TIME |
DOWNLOAD_STATUS

Required: No

sortInAscendingOrder

A flag indicating whether the library should return items in ascending order.

Valid Values: true | false

Required: No

continuationTokenRequestedByClient

A token used to request the next page in the result set.

Required: No

Request Body

The request does not have a request body.

Glossary

ACR	Identifier of an asset of a product. There can be multiple ACRs for an ASIN.
ASIN	Identifier of the product in a particular marketplace. There can be multiple ASINs for a SKU.
Asset	An asset is a specific copy of a product. A product can have multiple copies differing in versions, formats, encryption, etc.
Associate Code	Associates are entities who refer us through their platform. When a user comes to Audible through them (e.g. by clicking on an advertisement), we use this code for associate targeted marketing.
Category	Products are classified under various categories. A category may have one or more child categories. A child category can be associated to only one parent category.
Catalog	The collection of all products available from Audible.
Category Ladder	A collection consisting of a category and all its ancestral categories plus the category root.
Category Root	The hierarchically topmost category (a category which does not have a parent category). The root broadly specifies what type of products can come in the categories below it. Note Category root is not itself a category.
Library	A user's personal collection of products.
Marketplace	A place, physical or otherwise, where merchants offer goods for sale, and customers accept offers, place orders and make purchases.
Product	An audiobook.
Realm	Used to distinguish between organizational units, countries, etc.
Region	A set of marketplaces that are geographically close to one another and share computing resources.

Response Group	A request parameter that controls which fields are included in the response.
SKU	Global identifier of the product across all marketplaces.
Store	Audible provides products through multiple programs. You probably want to set it to <code>Audible</code> .