

PUBLIC

Document Version: 2611 – 2026-11

SAP Ariba Catalog Content API

SAP Ariba Buying
SAP Ariba Buying and Invoicing
SAP Ariba Catalog

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

Content

SAP Ariba Catalog Content API. 3

Catalog Content API Help. 4

Workflow for Extracting Catalog Subscriptions. 5

Workflow for Extracting Faceted Catalog Data. 6

Workflow for Extracting Catalog Items. 7

Fetching Standard Catalog Fields Metadata. 9

API-Specific Disclaimers and Legal Information. 14

SAP Ariba Catalog Content API

This guide is for customer developers who want to extract catalog data from their procurement solutions.

You can use this API to create a client application that extracts the following catalog-related data:

- Catalog subscriptions that have been activated after a specified date and time
- Attribute-based faceted catalog data
- All or a filtered subset of items in a catalog
- Metadata of the standard catalog fields, such as type and description

This guide applies to:

- SAP Ariba APIs
- SAP Ariba Developer Portal
- SAP Ariba Buying
- SAP Ariba Buying and Invoicing
- SAP Ariba Catalog
- SAP Ariba Invoice Management

Related guides

Help for the SAP Ariba Developer Portal

Catalog Content API Help

The Catalog Content API allows your client application to fetch catalog data from your procurement solution.

The Catalog Content API contains the following endpoints:

- `GET /catalogs`: fetches catalog subscriptions that have been activated after a specified date and time
- `GET /facets`: fetches attribute-based faceted catalog data
- `GET /catalogname/{CatalogName}/supplierid/{SupplierId}/items`: fetches all or a filtered subset of items in a catalog
- `GET /items/schema`: fetches metadata of the standard catalog fields, such as type and description

Prereqisites

If you have not done so already, you must perform the following tasks:

- Go through the onboarding process to get set up as a service provider on the SAP Ariba APIs. See the SAP Ariba Developer Portal documentation for details.
- Ensure that your application conforms to expected OAuth protocols. See the Authentication section of the SAP Ariba Developer Portal
- Configure the OAuth client ID in your SAP Ariba solution.
  When you create the client application in the SAP Ariba Developer Portal, an OAuth client ID is generated after SAP Ariba reviews and approves your application. The OAuth client ID must be saved in your solution. SAP Ariba Customer Support does this for you by navigating to **Core Administration** > **Catalog Manager** > **API access** in your site. Multiple OAuth client IDs can be saved to enable multiple client applications to fetch catalog data from the same SAP Ariba solution.

Restrictions

In a multi-ERP configuration, the Catalog Content API can be used only in a parent site and not in a child site.

Workflow for Extracting Catalog Subscriptions [page 5]

Workflow for Extracting Faceted Catalog Data [page 6]

Workflow for Extracting Catalog Items [page 7]

Fetching Standard Catalog Fields Metadata [page 9]

Workflow for Extracting Catalog Subscriptions

The `GET /catalogs` end point of the Catalog Content API enables your application to get information about catalog subscriptions that have been activated after a specific date and time. The API can also be used to export the status and comments of a catalog subscription. Also, the catalogs can be filtered based on the subscription name.

> **Note**
>
> In the sample URLs in this topic, replace `{{runtime_url}}` with the desired runtime URL from the **Environment Details** table on the SAP Ariba Developer Portal discovery page for this API.

1. The client application sends a request for catalogs that have been activated after a specific date using the `GET /catalogs` endpoint.
   In the first request, an arbitrary date that predates the first catalog activation date must be specified so that all the active catalogs can be fetched from the SAP Ariba solution.

   ```
   GET {{runtime_url}}/catalogs?date={date}
   ```

   `date` indicates the specific date after which catalogs that are activated need to be sent in the response. Value must be in ISO format: `YYYY-MM-DDThh:mm:ss`

   > **Note**
   >
   > If you require the `SupplierID` in a specific domain in the response, an optional parameter `supplierdomain` can be passed in the request. Ensure that the domain specified in the request matches the supplier master data.
   >
   > ```
   > {{runtime_url}}catalogs?date={date}&supplierdomain={domain}
   > ```

2. The response to this request includes a list of catalogs whose activation date is greater than or equal to the date specified in the request.
   The response contains the following catalog fields: `Catalog Name`, `Supplier ID`, and `Activated Date`. Catalog subscriptions generated from item level contracts that include non-catalog items are also included in the response.
3. You can also pass the following three optional parameters in the request:
   - `showAll`: Determines whether to show all catalogs or only activated catalogs. The default value of the parameter is `false`.
     If you require the list of all catalogs in any status, the optional parameter `showAll` can be passed in the request.

     ```
     {{runtime_url}}catalogs?date={date}&showAll=true
     ```

     The response to this request includes a list of all catalog subscriptions including the ones that are also not activated. The response contains the following catalog fields: `Catalog Name`, `Supplier ID`, and `Activated Date`.

     > **Note**
     >
     > The status values can be `Waiting for Approval`, `Approved`, `Approval Denied`, `Validation Error`, `Verified`, `Validated`, `Activating`, `Deactivating`, `Activated`, and `Deactivated`.

- `showAdditionalFields`: Determines whether to show the additional fields (`status`, `comments`). The default value of the parameter is `false`.
  If you require the list of all catalogs with the additional fields, `status` and `comments`, the optional parameters `showAll` and `showAdditionalFields` can be passed in the request.

  ```
  {{runtime_url}}catalogs?date={date}&showAll=true&showAdditionalFields=true
  ```

  The response to this request includes a list of all catalog subscriptions with their status and comments. The response contains the following catalog fields: `Catalog Name`, `Supplier ID`, `Activated Date`, `Status`, and `Comment`.
- `subcriptionName`: Filters based on the subscription name.
  If you want to filter a catalog subscription by a specific subscription name and also require the additional fields, `status` and `comments`, the optional parameters `showAll`, `showAdditionalFields`, and `subcriptionName` can be passed in the request.

  ```
  {{runtime_url}}catalogs?
  date={date}&showAll=true&showAdditionalFields=true&subcriptionName={subcriptio
  nName}
  ```

  The response to this request is the specific catalog subscription that is filtered based on the subscription name with its status and comments. The response contains the following catalog fields: `Catalog Name`, `Supplier ID`, `Activated Date`, `Status`, and `Comment`.

> ### Note
>
> Passing the optional parameters, `showAll`, `showAdditionalFields`, and `subcriptionName`, might lead to performance issues. We recommend that you contact SAP Ariba Support before passing these parameters.

Workflow for Extracting Faceted Catalog Data

The `GET /facets` end point of the Catalog Content API enables your application to get faceted catalog data based on specific attributes.

> ### Note
>
> In the sample URLs in this topic, replace `{{runtime_url}}` with the desired runtime URL from the **Environment Details** table on the SAP Ariba Developer Portal discovery page for this API.

1. The client application sends a request for faceted data from an individual catalog based on a specific attribute, using the `GET /facets` endpoint.
   The request must contain the correct `Catalog Name` and the `Supplier ID` as received in the response to the catalog subscription API call.
   You can specify any refinable attribute as a facet in the request. For example, specifying `ClassificationCode` as the facet for a specific catalog returns the list of categories and the count of items within each category.

   ```
   GET {{runtime_url}}/facets?select={attribute
   name}&rsqlfilter=CatalogName=={catalogname};SupplierId=={domain:value}
   ```

`select` Specifies the facet attribute.

`CatalogName` Specifies the name of the catalog from which you want to request data. Use the exact name as freceived in the response to the catalog subsciption API call.

`SupplierId` The supplier domain and the value as received in the response to the catalog subscription API call.

> ### Note
>
> If the supplier ID value contains any special characters such as a slash (`/`), double URL encode them. For example, replace the character `/` (slash) with `%252f`.

2. The procurement solution sends a response to the request with a list of facets and its count. For hierarchal fields like commodity codes, the response would also contain the parent commodity codes with the child commodity code aggregated count.

Workflow for Extracting Catalog Items

The `GET /catalogname/{CatalogName}/supplierid/{SupplierId}/items` end point of the Catalog Content API enables your application to get all the items or a filtered subset of items from a catalog.

> ### Note
>
> In the sample URLs in this topic, replace `{{runtime_url}}` with the desired runtime URL from the **Environment Details** table on the SAP Ariba Developer Portal discovery page for this API.

1. The client application sends a request for items in a catalog, using the `GET /catalogname/{CatalogName}/supplierid/{SupplierId}/items` endpoint.
   An optional filter can be specified in the request to fetch only a subset of items from the catalog. For example, request only for those items that have the `IsPreferredItem` flag set to true.
   You can also request only for specific item information. For example, you can request information related only to `SupplierPartID`, `Description`, and `Price` instead of all the item fields.

```
GET {{runtime_url}}/catalogname/{catalogname}/supplierid/{domain:value}/items?
select=<field1,field2>&rsqlfilter=<field3==false;field4!
=null>&offset=0&limit=1000
```

`catalogname` Specifies the name of the catalog. Use the exact name as received in the response to the catalog subscription API call.

> ### Note
>
> If the `catalogname` value contains any special characters such as a slash (`/`), double URL encode them. For example, replace the character `/` (slash) with `%252f`. The plus (+) character is not supported in `catalogname` value.

`supplierid` The supplier domain and value. Use the exact name as received in the response to the catalog subscription API call.

> **Note**
>
> If the `supplierid` value contains any special characters such as a slash (`/`), double URL encode them. For example, replace the character `/` (slash) with `%252f`.

`select` The list of fields whose values are returned for all items in the response. A maximum of 20 fields can be specified. For a list of supported fields, see *Supported fields* below.

`rsqlfilter` The condition that must be met for catalog items to be included in the response. All catalog fields that are configured as refinable and searchable can be included in the value list.

`offset` An offset from the beginning of the result set, used for pagination. If there is more than one page, increment the offset accordingly. If the response is across multiple pages, `offset=0` corresponds to the first page and `offset=1` corresponds to the second page.

`limit` The number of items per page. the maximum value is 1000

2. The response includes a list of items matching the conditions specified in `rsqlfilter` and the list of fields in the `select` parameter in the API call.

> **Note**
>
> Any spaces in `rsqlfilter` values must be enclosed in quotes (" ").
>
> For example; `rsqlfilter=ApplicableContracts=in=(“C96|1 C99|1”,C98|1)`

Supported Fields

`ManufacturerPartId`	`PromotionRank`	`PunchoutEnabled`
`LeadTime`	`ExpirationDate`	`MinimumQuantity`
`Description`	`IsPartial`	`SupplierName`
`ShortName`	`CatalogName`	`Green`
`ClassificationCode`	`IsPreferredItem`	`Price.Amount`
`DefaultRelevance`	`ManufacturerURL`	`Price.Currency.UniqueName`
`HazardousMaterials`	`UnitOfMeasure`	`ContractPrice.Amount`
`Image`	`SupplierId`	`ContractPrice.Currency.UniqueName`
`ManufacturerName`	`TerritoryAvailable`	`NonContractPrice.Amount`
`URL`	`BestPrice`	`NonContractPrice.Currency.UniqueName`
`SupplierPartId`	`Language`	`PriceBasisQuantityUOM.Domain`
`ApplicableContracts`	`PriceConfiguration`	`IsInternalPartId`

EffectiveDate	SupplierPartAuxId

Custom catalog fields can also be specified in the `select` or `rsqlfilter` parameter. For the value, use the exact name configured in the system. Field names are case sensitive.

Fetching Standard Catalog Fields Metadata

The `GET /items/schema` endpoint of the catalog content API enables you to fetch metadata of the standard catalog fields using this procedure.

Context

Follow these steps to request metadata of the standard catalog fields using the catalog content API.

Metadata related to the following standard catalog fields can be fetched:

supplierid	description	leadtime	manufacturername
suppliername	shortname	expirationdate	territoryavailable
catalogname	classificationcode	minimumquantity	language
supplierpartid	price	green	
manufacturerpartid	contractprice	unitofmeasure	

> ### Note
>
> In the sample URLs in this topic, replace `{{runtime_url}}` with the desired runtime URL from the **Environment Details** table on the SAP Ariba Developer Portal discovery page for this API.

Procedure

1. The client application sends a request with the `GET /items/schema` end point as follows:

   ```
   GET {{runtime_url}}/items/schema
   ```

2. The procurement solution validates the request and sends a response with the metadata.

   A sample response is as follows:

   > ### Sample Code
   >
   > ```
   > {
   > ```

```
    "Description": {
        "allowedValues": null,
        "fieldName": "Description",
        "size": 4000,
        "precision": null,
        "scale": null,
        "fieldDescription": "The description of the product or service",
        "title": "Description",
        "type": [
            "string",
            "null"
        ]
    },
    "ManufacturerName": {
        "allowedValues": null,
        "fieldName": "Manufacturer Name",
        "size": 255,
        "precision": null,
        "scale": null,
        "fieldDescription": "Name of Manufacturer",
        "title": "ManufacturerName",
        "type": [
            "null",
            "string"
        ]
    },
    "UnitOfMeasure": {
        "allowedValues": null,
        "fieldName": "Unit Of Measure",
        "size": 32,
        "precision": null,
        "scale": null,
        "fieldDescription": "Unit Of Measure",
        "title": "UnitOfMeasure",
        "type": [
            "null",
            "string"
        ]
    },
    "TerritoryAvailable": {
        "allowedValues": null,
        "fieldName": "Territory Available",
        "size": 6,
        "precision": null,
        "scale": null,
        "fieldDescription": "List of one or more country or region codes",
        "title": "TerritoryAvailable",
        "type": [
            "null",
            "array",
            "string"
        ]
    },
    "Price.Currency.UniqueName": {
        "allowedValues": null,
        "fieldName": "Currency",
        "size": 5,
        "precision": null,
        "scale": null,
        "fieldDescription": "The currency for the items pricing at the item
level",
        "title": "Price.Currency.UniqueName",
        "type": [
            "string",
            "null"
        ]
    },
    "ShortName": {
```

```
        "allowedValues": null,
        "fieldName": "Short Name",
        "size": 80,
        "precision": null,
        "scale": null,
        "fieldDescription": "Short title for the item",
        "title": "ShortName",
        "type": [
            "null",
            "string"
        ]
    },
    "MinimumQuantity": {
        "allowedValues": null,
        "fieldName": "Minimum Quantity",
        "size": 0,
        "precision": 28,
        "scale": 10,
        "fieldDescription": "Specifies the minimum order quantity for an
item. Can be used with QuantityInterval",
        "title": "MinimumQuantity",
        "type": [
            "null",
            "double"
        ]
    },
    "SupplierId": {
        "allowedValues": null,
        "fieldName": "Supplier Id",
        "size": 255,
        "precision": null,
        "scale": null,
        "fieldDescription": "Supplier Identifier",
        "title": "SupplierId",
        "type": [
            "string"
        ]
    },
    "SupplierPartId": {
        "allowedValues": null,
        "fieldName": "Supplier Part Id",
        "size": 128,
        "precision": null,
        "scale": null,
        "fieldDescription": "Part identifier use by the Supplier",
        "title": "SupplierPartId",
        "type": [
            "string"
        ]
    },
    "ExpirationDate": {
        "allowedValues": null,
        "fieldName": "ExpirationDate",
        "size": 25,
        "precision": null,
        "scale": null,
        "fieldDescription": "Date that an item is no longer valid",
        "title": "ExpirationDate",
        "type": [
            "null",
            "long"
        ]
    },
    "LeadTime": {
        "allowedValues": null,
        "fieldName": "Lead Time",
        "size": null,
        "precision": 38,
```

```
        "scale": 0,
        "fieldDescription": "Number of business days between the time the
order is received and the time it is delivered to the customer",
        "title": "LeadTime",
        "type": [
            "null",
            "int"
        ]
    },
    "Language": {
        "allowedValues": null,
        "fieldName": "Language",
        "size": 128,
        "precision": null,
        "scale": null,
        "fieldDescription": "Specifies the language used in the Item
Description",
        "title": "Language",
        "type": [
            "null",
            "string"
        ]
    },
    "SupplierName": {
        "allowedValues": null,
        "fieldName": "Supplier Name",
        "size": 255,
        "precision": null,
        "scale": null,
        "fieldDescription": "Name of the Supplier",
        "title": "SupplierName",
        "type": [
            "null",
            "string"
        ]
    },
    "ClassificationCode": {
        "allowedValues": null,
        "fieldName": "Classification Code",
        "size": 255,
        "precision": null,
        "scale": null,
        "fieldDescription": "Product commodity code(s), specifying the domain
and code at the item level",
        "title": "ClassificationCode",
        "type": [
            "string"
        ]
    },
    "CatalogName": {
        "allowedValues": null,
        "fieldName": "Catalog Name",
        "size": 255,
        "precision": null,
        "scale": null,
        "fieldDescription": "Name of the Catalog",
        "title": "CatalogName",
        "type": [
            "null",
            "string"
        ]
    },
    "Price.Amount": {
        "allowedValues": null,
        "fieldName": "Price",
        "size": null,
        "precision": 28,
        "scale": 10,
```

```
        "fieldDescription": "The amount for the items pricing at the item
level",
        "title": "Price.Amount",
        "type": [
            "double",
            "string"
        ]
    },
    "Green": {
        "allowedValues": null,
        "fieldName": "Green",
        "size": null,
        "precision": null,
        "scale": null,
        "fieldDescription": "'Green' Materials Flag (Pre-defined Type)",
        "title": "Green",
        "type": [
            "null",
            "boolean"
        ]
    },
    "ManufacturePartId": {
        "allowedValues": null,
        "fieldName": "Manufacture Part Id",
        "size": 128,
        "precision": null,
        "scale": null,
        "fieldDescription": "Part identifier used by manufacturer",
        "title": "ManufacturePartId",
        "type": [
            "null",
            "string"
        ]
    }
}
```

API-Specific Disclaimers and Legal Information

The SAP Ariba Developer Portal included in the SAP Ariba APIs product and the APIs made available on this site are provided solely at the discretion of SAP without warranty of any kind, and SAP may change, suspend, or cancel any or all features or functions of the SAP Ariba APIs product or revise the website at any time. Any production use of or commercialization of applications containing any APIs provided on this website is prohibited without a written agreement between your company and SAP governing such activities.

Access to this API is available to you as a subscriber to this solution as part of the SAP Cloud Service Level Agreement. However, it is not considered part of the solution. Use of this API is purely optional and is subject to restrictions stated in the documentation, including the Terms of Use and the documentation found at the SAP Ariba Developer Portal (see https://developer.ariba.com/api). If you wish to connect a third-party service using this API, first confirm that the company is participating in the SAP partner program and is authorized to provide a connection to this solution using this API. You will be required to submit written consent to SAP to authorize the exchange of data with the third-party service.

Important Disclaimers and Legal Information

Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.
About the icons:

- Links with the icon  : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
  - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
  - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon : You are leaving the documentation for that particular SAP product or service and are entering an SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

Videos Hosted on External Platforms

Some videos may point to third-party video hosting platforms. SAP cannot guarantee the future availability of videos stored on these platforms. Furthermore, any advertisements or other content hosted on these platforms (for example, suggested videos or by navigating to other videos hosted on the same site), are not within the control or responsibility of SAP.

Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.
The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

Bias-Free Language

SAP supports a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

www.ariba.com

Copyright © 2026 Ariba, Inc. All rights reserved.

This documentation, as well as the Ariba solutions, software and/or services described in it, contain proprietary information. They are provided under a license or other agreement containing restrictions on use and disclosure and are also protected by copyright, patent and/or other intellectual property laws. Except as permitted by such agreement, no part of the document may be reproduced or transmitted in any form by any means, electronic, mechanical or otherwise, without the prior written permission of Ariba, Inc.

Ariba, Inc. assumes no responsibility or liability for any errors or inaccuracies that may appear in the documentation. The information contained in the documentation is subject to change without notice.

Ariba and Ariba products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Ariba, Inc. in the United States and other countries. Please see http://www.ariba.com/legal/trademarks for additional trademark information and notices.

Ariba Sourcing solutions (On Demand and software) are protected by one or more of the following patents, including without limitation: U.S. Patent Nos. 6,199,050; 6,216,114; 6,223,167; 6,230,146; 6,230,147; 6,285,989; 6,408,283; 6,499,018; 6,564,192; 6,871,191; 6,952,682; 7,010,511; 7,072,061; 7,130,815; 7,146,331; 7,152,043;7,225,152; 7,277,878; 7,249,085; 7,283,979; 7,283,980; 7,296,001; 7,346,574; 7,383,206; 7,395,238; 7,401,035; 7,407,035; 7,444,299; 7,483,852; 7,499,876; 7,536,362; 7,558,746; 7,558,752; 7,571,137; 7,599,878; 7,634,439; 7,657,461; 7,693,747; 8,364,577; and 8,392,317. Patents pending.

Other Ariba product solutions are protected by one or more of the following patents:

U.S. Patent Nos. 6,199,050, 6,216,114, 6,223,167, 6,230,146, 6,230,147, 6,285,989, 6,408,283, 6,499,018, 6,564,192, 6,584,451, 6,606,603, 6,714,939, 6,871,191, 6,952,682, 7,010,511, 7,047,318, 7,072,061, 7,084,998; 7,117,165; 7,225,145; 7,324,936; 7,536,362; 8,364,577; and 8,392,317. Patents pending.

Certain Ariba products may include third party software or other intellectual property licensed from a third party. For information regarding software or other intellectual property licensed from a third party, go to http://www.ariba.com/copyrights.cfm.