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Content Lookup API

SAP Ariba Buying

SAP Ariba Buying and Invoicing

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Content

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Content Lookup API

This guide is for customer developers who want to update catalog-related lookups in their procurement solution.

You can use this API to create a client application to update catalog lookups.

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](#)

Content Lookup API to Update and Fetch Status of Lookups

The Content Lookup API enables your client application to update existing catalog-related lookups in your procurement solution by uploading new lookup files. It also enables you to fetch the status of lookups from your solution.

The Content Lookup API contains the following end points:

- **GET /lookup**: fetches the status of lookups from the content management system (CMS) in your solution.
- **POST /lookup**: updates existing lookups in the content management system (CMS) in your solution.

Note

This API does not create new lookups in your solution.

Prerequisites

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 documentation for details.
- 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.
- Ensure that your solution site is enabled for managing catalogs using the content management system (CMS). SAP Ariba enables this option for you.
- Create one or more lookups in the content management system (CMS) in your solution.
After a first version of a lookup is activated, you can use the API to update it.

[Workflow for Updating and Fetching the Status of Lookups \[page 5\]](#)

Workflow for Updating and Fetching the Status of Lookups

Workflow for Updating Existing Lookups

1. A catalog manager creates one or more lookups in the procurement solution to specify additional information to validate, cleanse, or enrich catalog data.
2. The client application uploads a lookup file to update an existing lookup in the content management system (CMS) in the solution.

Note

A new lookup is not created if a corresponding lookup is not available in the solution.

3. The lookup in the solution is updated based on the new lookup file uploaded from the client application.
4. The solution sends a response to this request indicating whether the file upload was accepted or not. It also returns a unique ID for the lookup version if the import was successful.

Workflow for Fetching the Status of Existing Lookups

1. A catalog manager creates one or more lookups in the solution to specify additional information to validate, cleanse, or enrich catalog data.
2. The client application requests the status of a lookup from the content management system (CMS) in the solution.
3. The status of the lookup in the content management system (CMS) of the solution is sent to the client application.

[Updating an Existing Lookup in Your Procurement Solution \[page 5\]](#)

[Fetching the Status of a Lookup \[page 6\]](#)

Updating an Existing Lookup in Your Procurement Solution

Use this procedure to update an existing lookup in your procurement solution.

This API enables your client application to upload lookup files to the content management system (CMS) in your procurement solution to update existing lookups.

1. The client application uploads a lookup file with the `POST /lookup` endpoint, as follows with the lookup file attached as part of the request:

```
POST {{runtime_url}}/lookup?lookupname={lookup_name}
Request Body:
{
  File: "{filename.csv}"
}
```

lookupname he name of the lookup to be updated

File The name of the lookup file in CSV format

2. The solution sends a response to this request indicating whether the file upload was accepted or not. It also returns a unique ID for the lookup version if the import was successful.

A sample response is as follows:

```
{
  "lookupname": "lookup_name",
  "message": "Lookup File Accepted",
  "id": "39994868-7d97-4b3d-9008-dfac45bfcc95"
}
```

Fetching the Status of a Lookup

Use this procedure to fetch the status of a lookup.

This API enables your application to get the status of a specific lookup in your procurement solution. This API can be used to check whether a lookup file has been successfully activated, or if it failed parsing or validation.

1. The client application sends a request to fetch the status of a specific lookup using the **GET /lookup** endpoint as follows. The request contains the lookup name and unique ID of the version.

```
GET {{runtime_URL}}/lookup?lookupname={lookup_name}&id={unique_id}
```

lookupname The name of the desired lookup

id The unique id of the desired lookup version

2. The solution sends a response to this request by providing the status of the lookup version as follows. Status can be any one of the following: Parsing, Active, Failed, or Deactivated. The status also captures the last modified time of the lookup version.

The following is an sample response from the API:

```
{
  "lookupname": "testlookup1",
  "lastmodifiedtime": "2017-11-17 11:56:05",
  "status": "Active",
  "id": "39994868-7d97-4b3d-9008-dfac45bfcc95"
}
```

If the GET request contains only the lookup name and not the unique ID of the lookup version, then the response contains statuses of all versions of that lookup. Sample response is as follows:

```
[
  { "lookupname": "testlookup1", "lastmodifiedtime": "2017-11-03 14:10:59",
    "status": "Deactivated", "id": "00c74c8f-7ce2-4060-acd4-6fb2e525cf44" },
  { "lookupname": "testlookup1", "lastmodifiedtime": "2017-11-17 11:36:06",
    "status": "Deactivated", "id": "078f96b3-5bf5-4fa1-8105-8fce9c741e41" },
  { "lookupname": "testlookup1", "lastmodifiedtime": "2017-09-21 17:29:17",
    "status": "Deactivated", "id": "1f65f5bd-3ed5-4456-a2fe-c1fbcee29b32" },
  { "lookupname": "testlookup1", "lastmodifiedtime": "2017-11-17 11:56:05",
    "status": "Active", "id": "39994868-7d97-4b3d-9008-dfac45bfcc95" }
]
```

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