



SAP Ariba 

Feature at a Glance

Open API to Export Pricing Data from Product Sourcing

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Feature at a Glance

Introducing: Open API to Export Pricing Data from Product Sourcing

Ease of implementation  Some complexity

Geographic relevance  Global

Customer challenge

- Product Sourcing today stores an enormous amount of data related to prices, supplier association, splits, etc.
- Customers face a **challenge** exporting this data to external systems for storing and performing their own analysis.

Meet that challenge with SAP Ariba

SAP Ariba Strategic Sourcing Suite introduces a new open APIs to meet this requirement. The API enables customers to retrieve all changes and additions to the product sourcing pricing database within a specified time range.

- GET /objects
 - This open API enables customers to export related RFX, RFX terms, supplier association, item pricing, supplier split percentages, item owners, etc.
 - Ability to export active and in-active data.

Experience key benefits

Customers will now have the ability to

- automatically export all the product data including item level pricing.
- increased process efficiency and reduced process cost.

Solution area

SAP Ariba APIs
SAP Ariba developer portal
SAP Ariba Strategic Sourcing Suite

Implementation information

This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.

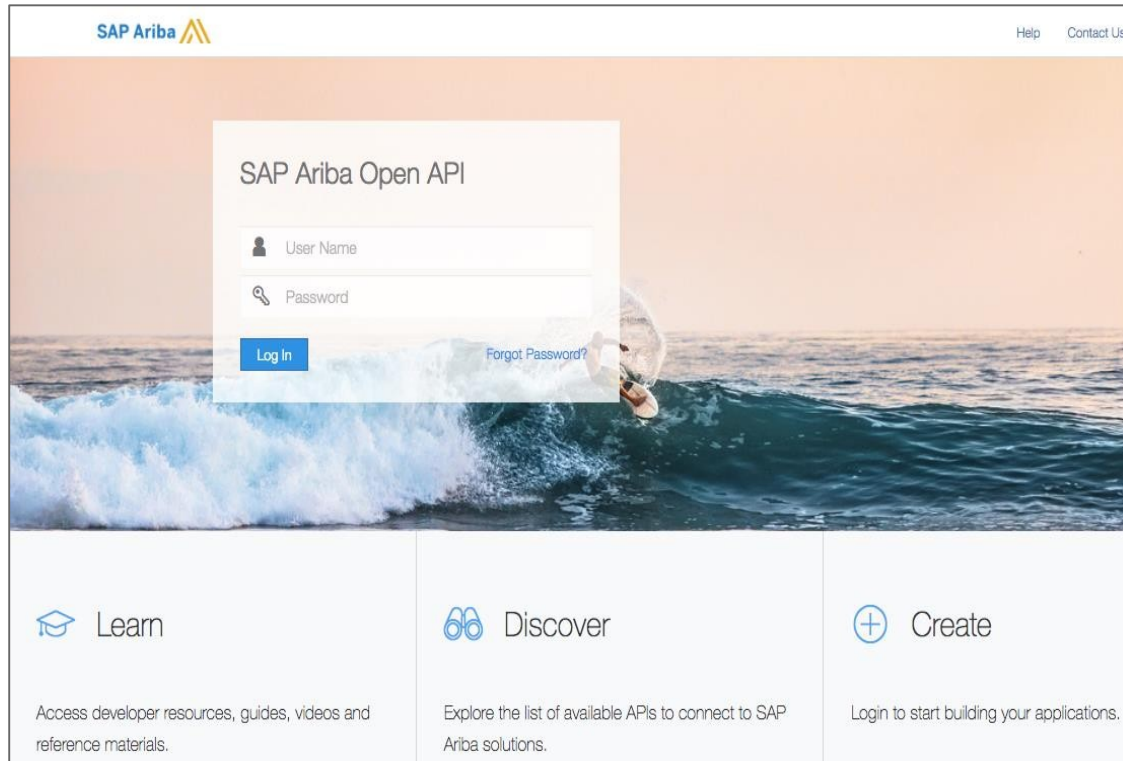
Prerequisites and Restrictions

- In order to create an application and request access to use the SAP Ariba APIs relevant to this feature, you must have access to the SAP Ariba developer portal.
- All queries made to this API must be authenticated using OAuth authentication from the developer portal.
- The Pricing Data API for Product Sourcing does not support the ability to retrieve data from date ranges greater than 24 hours.

Feature at a Glance API Specific

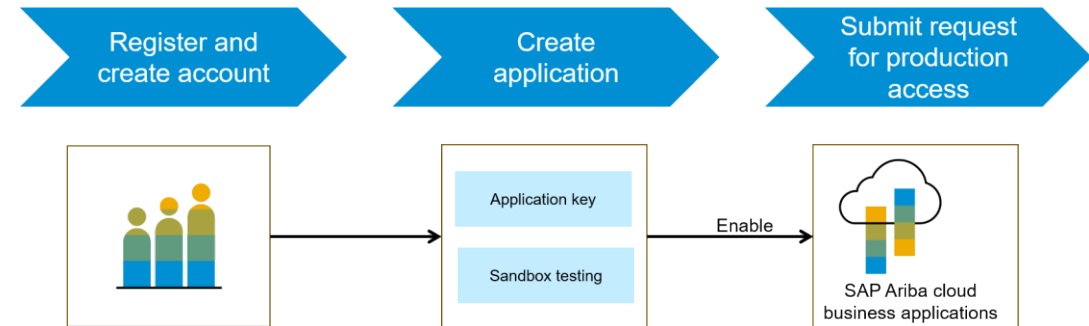
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How to develop an application that consumes the APIs



Go to <https://developer.ariba.com/api/>

Check the **Learn** section to get detailed information on how to develop your application. The process to develop an application generally includes following steps:



1. Once registered on the Developer portal, explore available APIs under Ariba Strategic Sourcing for a detailed description of the API.
2. Create a new application and activate the application to get an application key.
3. You'll need to request 'Production access' for your application by submitting a service request on <http://connect.ariba.com>. Upon approval an OAuth Client ID is generated for the application.
4. As a buyer administrator, add your OAuth Client ID to your profile.

Feature at a Glance API Specific

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Sample Code

```
GET /objects Returns the required Pricing DB information
```

Request URL for time range filtering

`https://openapi.ariba.com/api/dms/extract/v2/plant?realm=<realm name>&fromdate=2020-04-28T09:30:00PST&todate=2020-04-28T21:50:00PST`

The screenshot shows an API client interface with a GET request to the URL: `http://svcdev8ss.ariba.com/dms/extract/v2/plant?realm=s4AllAutoMig&fromdate=2020-04-28T09:30:00PST&todate=2020-04-28T21:50:00PST`. The 'Query Params' section is expanded, showing a table with the following data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> realm	s4AllAutoMig	
<input checked="" type="checkbox"/> fromdate	2020-04-28T09:30:00PST	
<input checked="" type="checkbox"/> todate	2020-04-28T21:50:00PST	

Request URL for expression based filtering

`https://openapi.ariba.com/api/pricing/v1/prod/objects?realm=<realm name>&$filter=objectType in (<plant, itemprice>) and fromdate eq '2020-04-28T09:30:00-08:00' and todate eq '2020-04-28T21:50:00-08:00'`

The screenshot shows an API client interface with a GET request to the URL: `https://qa.aws.ariba.com:8443/api/pricing/v1/prod/objects?realm=s4AllAutoMig&$filter=objectType in (plant, itemprice) and fromdate eq '2020-04-28T09:30:00-08:00' and todate eq '2020-04-28T21:50:00-08:00'`. The 'Query Params' section is expanded, showing a table with the following data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> realm	s4AllAutoMig	
<input checked="" type="checkbox"/> \$filter	objectType in (plant, itemprice) and fromdate eq '2020-04-28T09:30:00-08:00' and todate eq '2020-04-28T21:50:00-08:00'	
Key	Value	Description

Sample response – list of all objects



swagger.json