Oracle® Retail XBRi Cloud Services

Data Recall/Erase API Guide
Release 18.0

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Oracle® Retail XBRi Cloud Services Data Recall/Erase API Guide, Release 18.0

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Oracle Retail Document Template, Template Guide, Release 15.0

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- Did you understand the context of the procedures?
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- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

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Preface

This guide provides step-by-step instructions to recall and forget specific data an external API interface.

Audience

This User Guide is for users and administrators of Oracle Retail XBRi Cloud Services. This includes retailers, business analysts, and administrative personnel.

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http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Documents

For more information, see the following documents in the Oracle Retail XBRi Cloud Services Release 18.0 documentation set:

- *Oracle Retail XBRi Cloud Services Release Notes*
- *Oracle Retail XBRi Cloud Services Administration Guide*
- *Oracle Retail XBRi Cloud Services Implementation Guide*
- *Oracle Retail XBRi Cloud Services Online Help*

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Improved Process for Oracle Retail Documentation Corrections

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An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-**02** is an updated version of a document with part number E123456-**01**.

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Oracle Retail Documentation on the Oracle Technology Network

Oracle Retail product documentation is available on the following web site:

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement "the Window Name window opens."

```
This is a code sample
    It is used to display examples of code
```

1

Data Portability and Right to Erasure

You can request specific data, including employees, customers, and users, from the XBRi database using an API. You can also send a request to erase specific data about a customer in the XBRi database via the API.

> **Important:** API Calls can only be made by users with Full Desc Data View privileges.

The purpose of this guide is to provide instructions on how to create and send requests to the application using an external API. This document uses Restlet Client in request examples, however you can use other supported external APIs.

Supported external APIs

Postman

Restlet

SoapUI

Download the API

Prerequisite

You must have the latest version of the Chrome browser installed on your computer

The Restlet API is used for the examples in this guide. To download other supported APIs, following the instructions on their web sites.

To download the Restlet API:

1. In your Chrome browser, go to Restlet Client in the Chrome Web Store: https://chrome.google.com/webstore/detail/restlet-client-rest-api-t/aejoelaoggembcahagimdiliamlcdmfm?hl=en
2. Click Add to Chrome.
3. In the pop-up message, click Add Extension.
4. After a brief period, you will see a message that Restlet Client has been added to Chrome, and the Restlet Client icon appears in your browser.

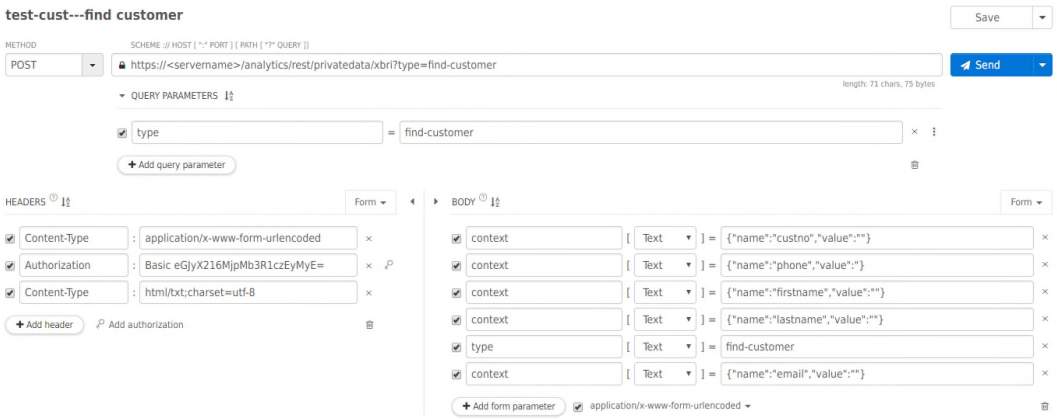
Send Request to Find Customer, Employee or User

In your Chrome browser, click the Restlet Client icon. In the Restlet Client interface, follow the instructions below to query the XBRi database to Retrieve or Erase data.

Find Customer

To find customer records:

Populate the fields as shown in the screenshot below, replacing the text between the "" after "value" with your specific values. You can copy the text in the instructions below to populate values not selected from a drop-down list.



Find Customer Query in Reslet

Method – Select **Post** from the drop-down list. In the adjacent field, enter:

https://<servername>*/analytics/rest/privatedata/xbri?type=find-customer

*Get server name from Oracle representative.

Query Parameters

1. Expand Query Parameters, if needed, to display parameters. Ensure that Form is the selected format

1. In the first Query Parameter field, enter: type
2. In the adjacent field, enter: find-customer

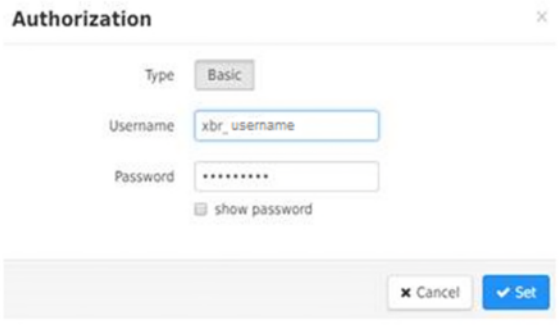
   Click **+ Add query parameter** if you need to add more query parameters.

Headers

1. Under Headers, ensure that there are three rows, as in the screenshot above. If you need to add a Header, click **+ Add Header**.
2. Enter the following in the Header rows:

   Content-Type application/x-www-form-urlencoded

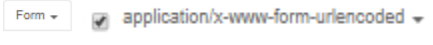
   Authorization Click the Edit key next to this field and enter the user's XBRi login credentials in the prompt. For Username, the format is the customer code, _, username, e.g., xbr_username:



   Click **Set** when you are done.

   Content-Type html/txt;charset=utf-8

Body

1. Under Body, ensure that there are six rows, as in the screenshot above. If you need to add a Body row, click **+ Add Form Parameter**. Ensure that Form is the selected format 

is selected

2. In the Body Rows, enter your values between the final "". You must enter a value for custno, in combination with any of the following: phone or firstname and lastname, or email:

context	Text	{"name":"custno","value":""}
context	Text	{"name":"phone","value":""}
context	Text	{"name":"firstname","value":""}
context	Text	{"name":"lastname","value":""}
type	Text	find-customer
context	Text	{"name":"email","value":""}

3. When you are finished, click the **Send**

button. There should be a Response like the following, that displays the retrieved Customer data in the Body panel:

Response pane

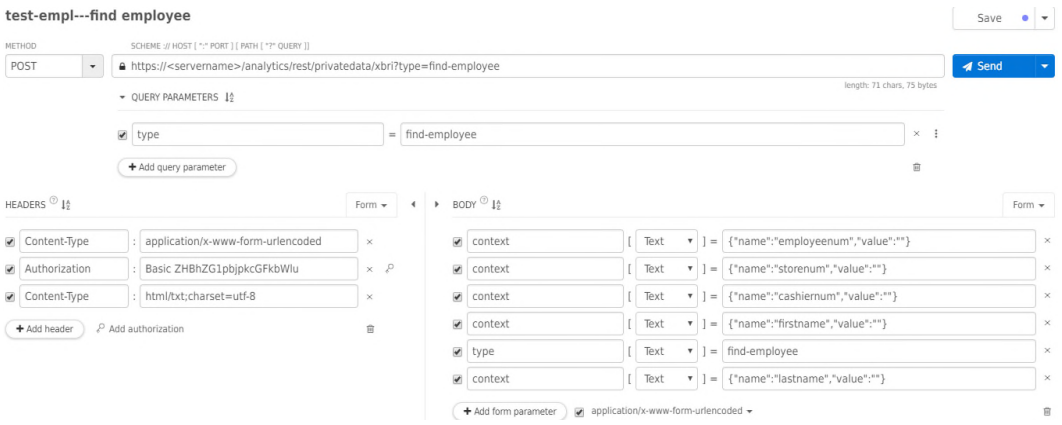
Find Data Errors

If the Find Data Request contains an error, the system returns a simple response with a description of the error.

Find Employee

To find employee records:

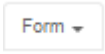
Populate the fields as shown in the screenshot below, replacing the text between the "" after "value" with your specific values. You can copy the text in the instructions below to populate values not selected from a drop-down list.



Find Employee Query in Restlet

Method – Select **Post** from the drop-down list. In the adjacent field, enter:
https://<servername>*/analytics/rest/privatedata/xbri?type=find-employee
*Get server name from Oracle representative.

Query Parameters

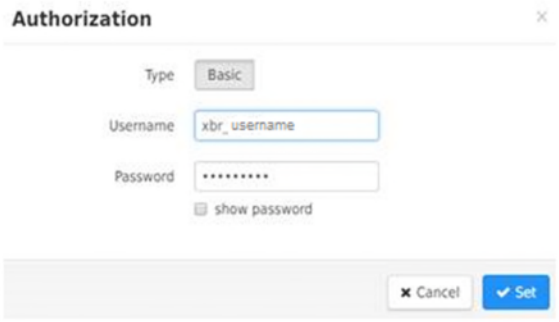
1. Expand Query Parameters, if needed, to display parameters. Ensure that Form is the selected format 

2. In the first Query Parameter field, enter: type
3. In the adjacent field, enter: find-employee
   Click **+ Add query parameter** if you need to add more query parameters.

Headers

1. Under Headers, ensure that there are three rows, as in the screenshot above. If you need to add a Header, click **+ Add Header**.
2. Enter the following in the Header rows:
   Content-Type application/x-www-form-urlencoded

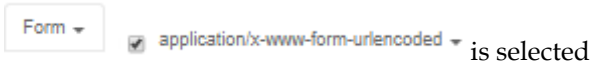
   Authorization Click the Edit key next to this field and enter the user's XBRi login credentials in the prompt. For Username, the format is the customer code, _, username, e.g., xbr_username.



   Click **Set** when you are done.

   Content-Type html/txt;charset=utf-8

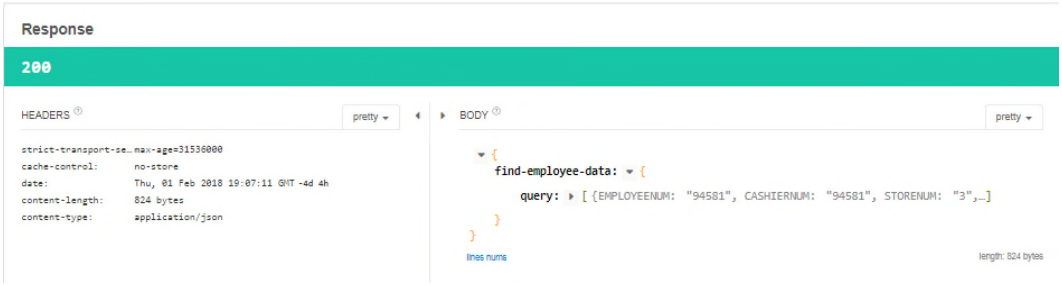
Body

3. Under Body, ensure that there are six rows, as in the screenshot above. If you need to add a Body row, click **+ Add Form Parameter**. Ensure that Form is the selected format  is selected

4. Enter the following in the Body Rows:

context	Text	{"name":"employeenum","value":""}
context	Text	{"name":"storenum","value":""}
context	Text	{"name":"cashiernum","value":""}
context	Text	{"name":"firstname","value":""}
type	Text	find-employee
context	Text	{"name":"lastname","value":""}

5. When you are finished, click the **Send** button. There should be a Response like the following that displays the retrieved Employee data in the Body panel:



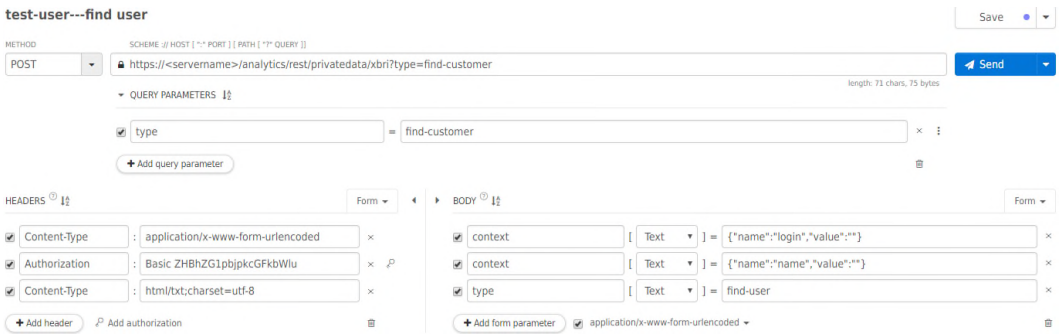
Find Data Errors

If the Find Data Request contains an error, the system returns a simple response with a description of the error.

Find User

To find user records:

Populate the fields as shown in the screenshot below, replacing the text between the "" after "value" with your specific values. You can copy the text in the instructions below to populate values not selected from a drop-down list.



Find User Query in Restlet

Method – Select **Post** from the drop-down list. In the adjacent field, enter:

https://<servername>*/analytics/rest/privatedata/xbri?type=find-user

*Get server name from Oracle representative.

Query Parameters

1. Expand Query Parameters, if needed, to display parameters. Ensure that Form is the selected format
2. In the first Query Parameter field, enter: type
3. In the adjacent field, enter: find-user

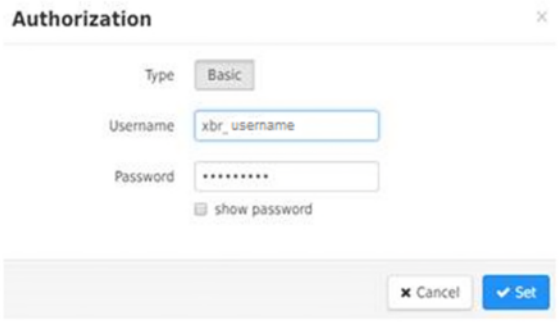
   Click **+ Add query parameter** if you need to add more query parameters.

Headers

1. Under Headers, ensure that there are three rows, as in the screenshot above. If you need to add a Header, click **+ Add Header**.
2. Enter the following in the Header rows:

   Content-Type application/x-www-form-urlencoded

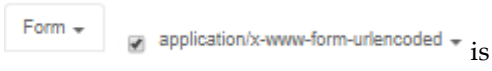
   Authorization Click the Edit key next to this field and enter the user's XBRi login credentials in the prompt. For Username, the format is the customer code, _, username, e.g., xbr_username:



   Click **Set** when you are done.

   Content-Type html/txt;charset=utf-8

Body

3. Under Body, ensure that there are three rows, as in the screenshot above. If you need to add a Body row, click **+ Add Form Parameter**. Ensure that Form is the selected format  is selected

4. Enter the following in the Body Rows:

   context Text {"name":"login","value":""}
   context Text {"name":"name","value":""}
   type Text find-user

5. When you are finished, click the **Send** button. There should be a Response like the following that displays the retrieved User data in the Body panel:

Find Data Errors

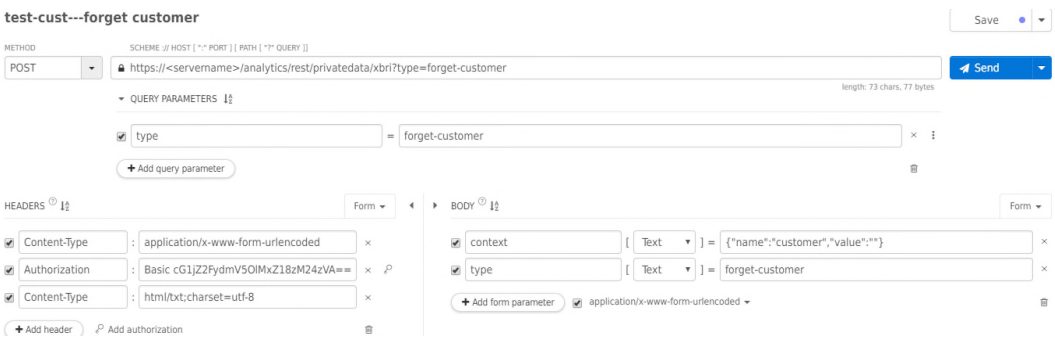
If the Find Data Request contains an error, the system returns a simple response with a description of the error.

Send Request to Erase Customer

Erase Customer

To erase or delete customer records:

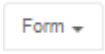
Populate the fields as shown in the screenshot below, replacing the text between the "" after "value" with your specific values. You can copy the text in the instructions below to populate values not selected from a drop-down list.



Erase Customer Query in Reslet

Method – Select **Post** from the drop-down list. In the adjacent field, enter:
https://<servername>*/analytics/rest/privatedata/xbri?type=find-user
*Get server name from Oracle representative.

Query Parameters

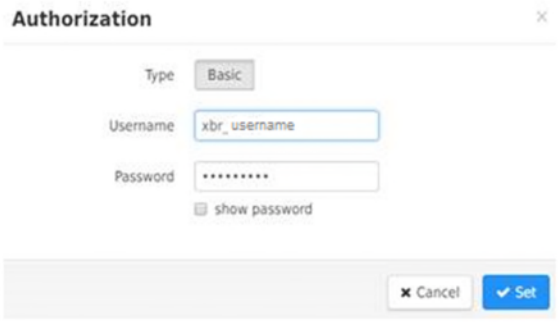
1. Expand Query Parameters, if needed, to display parameters. Ensure that Form is the selected format 

2. In the first Query Parameter field, enter: type
3. In the adjacent field, enter: forget-customer
   Click **+ Add query parameter** if you need to add more query parameters.

Headers

1. Under Headers, ensure that there are three rows, as in the screenshot above. If you need to add a Header, click **+ Add Header**.
2. Enter the following in the Header rows:
   Content-Type application/x-www-form-urlencoded

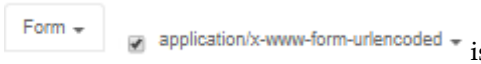
   Authorization Click the Edit key next to this field and enter the user's XBRi login credentials in the prompt. For Username, the format is the customer code, _, username, e.g., xbr_username:



   Click **Set** when you are done.

   Content-Type html/txt;charset=utf-8

Body

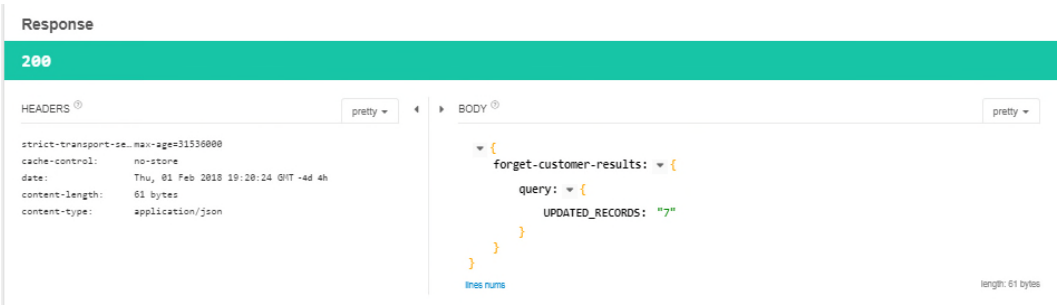
1. Under Body, ensure that there are two rows, as in the screenshot above. If you need to add a Body row, click **+ Add Form Parameter**. Ensure that Form is the selected format  is selected

2. Enter the following in the Body Rows:

   context Text {"name":"customer","value":""}

   type Text forget-customer

3. When you are finished, click the **Send** button. There should be a Response like the following that displays the forgotten Customer data in the Body panel:



When the Forget Customer request is successfully completed, these records are cleared in the database for the selected customer:

Customer First / Last Name,

Shipping Address

Email Address

Shipping First / Last Name

Phone Number

Zip code

State

Country

Forget Data Errors

If the Forget Data Request contains an error, the system returns a simple response with a description of the error.