



Service Center API Implementation Guide

Version 1.00

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Section 1 - Narrative

The Service Center API enables YRC Freight customers to request information about YRC Freight Service Centers for any U.S. or Canadian postal code or any city/state or city/province combination. The Service Center information is returned to the requester in XML document format.

SECTION 2 – Input Parameters

The following 4 parameters are required for *all* calls to the Service Center API. *The value of these parameters must be sent exactly as shown:*

- CONTROLLER=com.rdwy.ec.rexservicecenter.http.controller.ServiceCenterAPIController
- org=national
- service=findservicecenter
- response=xml

Service Center search using postal code:

In addition to the 4 parameters listed above, 2 additional parameters must be sent when searching by postal code. The 2 additional parameters required for a postal code search are:

- servicecenter.searchtype=searchByZip
- servicecenter.searchzip=*postal code to use in search*

Service Center search using city/state or city/province:

In addition to the 4 parameter listed above, 3 additional parameters must be sent when searching by city/state or city/province. The 3 additional parameters required for a city/state or city/province search are:

- servicecenter.searchtype=searchByCity
- servicecenter.searchcity=*city to use in search*
- servicecenter.searchstate=*state or province to use in search*

Example postal code (12345) Service Center API call:

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.rexservicecenter.http.controller.ServiceCenterAPIController&org=national&service=findservicecenter&response=xml&servicecenter.searchtype=searchByZip&servicecenter.searchzip=12345>

Example postal code (A1A2A3) Service Center API call:

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.rexservicecenter.http.controller.ServiceCenterAPIController&org=national&service=findservicecenter&response=xml&servicecenter.searchtype=searchByZip&servicecenter.searchzip=A1A2A3>

Example city/state (Overland Park, KS) Service Center API call:

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.rexservicecenter.http.controller.ServiceCenterAPIController&org=national&service=findservicecenter&response=xml&servicecenter.searchtype=searchByCity&servicecenter.searchcity=Overland Park&servicecenter.searchstate=KS>

Example city/province (Quebec, PQ) Service Center API call:

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.rexservicecenter.http.controller.ServiceCenterAPIController&org=national&service=findservicecenter&response=xml&servicecenter.searchtype=searchByCity&servicecenter.searchcity=Quebec&servicecenter.searchstate=PQ>

SECTION 3 – XML Schema

The following is an example of XML returned by the postal code search and the city/state or city/province search requests:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<serviceResponse>
  <serviceName>servicecenter</serviceName>
  <returnCode>00</returnCode>
  <returnMessage>SUCCESS</returnMessage>
  <serviceCenterResult>
    <serviceCenter>
      <searchedZip>90210</searchedZip>
      <service>Direct</service>
      <facilityId>LOS ANGELES - 821</facilityId>
      <streetAddress>4700 SOUTH EASTERN AVENUE</streetAddress>
      <city>LOS ANGELES</city>
      <state>CA</state>
      <zip>90040</zip>
      <enteredZip>LOS ANGELES</enteredZip>
      <phoneFormatted>(800) 610-6500</phoneFormatted>
      <managerName>PJ VENNEMEYER</managerName>
      <email>customer.service@yrcw.com</email>
    </serviceCenter>
  </serviceCenterResult>
</serviceResponse>
```

SECTION 4 – Error Messages

The following is an example of XML returned by the postal code search and the city/state or city/province search requests when an error has occurred:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<serviceResponse>
  <serviceName>servicecenter</serviceName>
  <returnCode>99</returnCode> ← 99 return code indicates an error
  <returnMessage>Error</returnMessage>
  <errors>
    <error>
      <errorCode>02</errorCode> ← See explanation below
      <errorMessage>City name is required. </errorMessage> ← Error message
    </error>
    <errorCount>1</errorCount> ← Number of errors
  </errors>
</serviceResponse>
```

The <errorCode> element indicates the type of error that has occurred

- 01 indicates a Service Center was not found for the city/state or city/province sent in the request. The <errorMessage> element will contain “No matching records found.”
- 02 indicates an invalid postal code was sent in the request, or a required parameter or required parameter value was not sent in the request. The <errorMessage> element contains a detailed explanation of the error.