

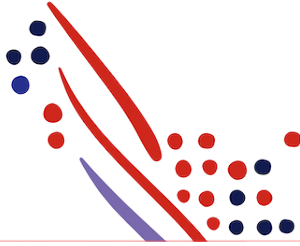
Guide

Work Locations API Guide for ADPeXpert Brazil

Published on
Jul 27, 2022, 11:14 AM

Last modified
Jul 21, 2023, 01:56 PM





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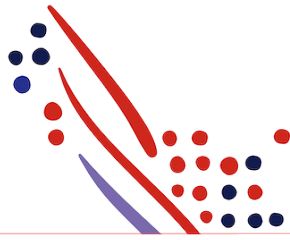


Table of Contents

Chapter 1

About this API

Chapter 2

Use Case: Retrieving Work Locations Information

Supported OData Query Options

Chapter 3

Appendix A: Data Dictionary

Chapter 4

Appendix B: Known Limitations

About this API

Summary

The Work Locations API Guide for describes how your application can access information about work locations registered in the application. It helps you to determine which use case best meets your business needs.

It also guides you through the implementation of each use case.

A work location is the description of where the employee works physically in the company, being a worker site (like a branch or HQ) or a client site. In this API, your application can access the data for each work location registered to connect with the ones in each worker's Work Assignment.

What 's new in this guide

In this section, we will announce any new revisions to the Work Locations Application Programming Interface (API) and this guide.

November, 2022

- First revision of this document

December, 2022

- Changes on the FILTER command behavior.

Process Overview

The following table shows how your data connector application would be used by a client.

	Actor Task	Description
1	HR Practitioner	Trigger the API-based data exchange between your application and ADP eXpert
2	Your Application	Retrieve work locations information details based on your needs

Required Setup Steps

There are no required setup steps.

Postman Collection

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see [Making Your First API Call Using Postman](#).

To download API collections for the Work Locations API from the ADP GitHub library and import them to Postman, go to Work Locations Postman Collection.

Before You Begin

ADP provides a comprehensive set of departments APIs to stay in synch with an ADP application and do the following:

- Retrieve a list of registered work locations.
- Retrieve data for a specific work location information.

The amount of data retrieved by your application may vary based on the target ADP system and the ADP system configurations. Additionally, API controls are in place allowing you to select or filter the requested data based on your needs.

Chapter 2

Use Case: Retrieving Work Locations Information

Before You Begin

This API contains the data of the work locations registered in the eXpert system, which means the "Estabelecimento", "Tomador" and "Tomador Obra Própria" addresses tables. To guarantee unicity, the location ID is formed using the structure above the work location when needed (for more details, check the field locationID in the data dictionary)

API Usage

Method	URI	Description	GitHub Example
GET	/hr/v1/associate-work-locations	Requests the list of all available work locations the requester is authorized to view.	JSON Response Example

Method	URI	Description	GitHub Example
GET	/hr/v1/associate-work-locations/{location-id}	Requests a single work location the requester is authorized to view.	JSON Response Example

Scope of Application

The canonical URI corresponding to the API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/hr/workerInformationManagement/workAssignmentManagement/workLocationManagement/workLocations.read

Supported OData Query Options

This use case supports Query String Options as defined by Open Data Protocol (OData).

Query String Option	Description	Example
\$top	Requests the number of items in the queried collection to be included in the result.	/hr/v1/associate-work-locations?\$top=100
\$skip	Specifies the number of items in the queried collection to be skipped and not included in the result.	/hr/v1/associate-work-locations?\$top=100&\$skip=100
\$filter	Filters a collection of resources addressed by a request Uniform Resource Locator (URL). Only items for which the expression evaluates to true are included in the response. When using filter, the records will be ordered by the selected field. Note that not all fields are available for filter (check Appendix B for more details)	/hr/v1/associate-work-locations? \$filter=/associateWorkLocations eq 'ESTAB-001-1'

See Appendix A: Data Dictionary on page for data retrieval.

i Note

All listed fields are supported for this use case.

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

Return Code	Return Condition
200 OK	Retrieves list of work locations with details.
200 OK	Retrieves single work location details.
200 OK	Retrieve the work location response using \$top and \$skip parameters.
200 OK (empty list)	When pagination reaches the end of the page Example <code>/hr/v1/associate-work-locations?\$top=100&\$skip=100</code>
404 Not found	It would be returned if you call the API for a non-existing Work Location ID for instance Example <code>/hr/v1/associate-work-locations/<incorrect ID></code>
403 Forbidden	When credentials do not have access to resource, e.g. trying access an associate that is not into caller's hierarchy

Return Code	Return Condition
406 Not acceptable	<p>When the server cannot produce a response matching the list of acceptable values defined in the request resource</p> <p>Example</p> <p>/hr/v1/associate-work-locations/<incorrect ID></p> <p>Headers:</p> <p>Accept: image/png</p>

Chapter 3

Appendix A: Data Dictionary

The data dictionary provides the schema resource to application user interface field mapping.

Associate Work Locations > locationID

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/associateWorkLocations/locationID	Work Location's unique code	<p>Code that includes: <work location type>-<element code></p> <p>Example: Branch 1</p> <p>Company 001 --> locationID: ESTAB-001-1</p> <p>Example 2: Service receiver 001 --> locationID: TOMA-001</p>	<p>Código formado por:</p> <p><tipo de local de trabalho>-<código do elemento> Exemplo: Estabelecimento 1 Empresa 001 --> locationID: ESTAB-001-1</p> <p>Exemplo 2: Tomador 001 --> locationID: TOMA-001</p>

Associate Work Locations > Name Code

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
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<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/associateWorkLocations/nameCode /associateWorkLocations/nameCode/code	Work Location's Code	Branch code or service receiver as registered on eXpert	Código do estabelecimento ou tomador como registrado no eXpert
/associateWorkLocations/nameCode/name	Work Location's Name	Branch or service receiver name	Nome do estabelecimento ou tomador

Associate Work Locations > Address

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/associateWorkLocations/address /associateWorkLocations/address/lineOne /associateWorkLocations/address/lineTwo /associateWorkLocations/address/lineThree /associateWorkLocations/address/cityName /associateWorkLocations/address/subdivisionCode /associateWorkLocations/address/subdivisionCode/code /associateWorkLocations/address/subdivisionCode/name /associateWorkLocations/address/subdivisionCode/subdivisionType /associateWorkLocations/address/countryCode /associateWorkLocations/address/postalCode /associateWorkLocations/address/buildingNumber /associateWorkLocations/address/blockName /associateWorkLocations/address/streetName /associateWorkLocations/address/streetTypeCode /associateWorkLocations/address/streetTypeCode/name /associateWorkLocations/address/unit	Work Location's Address	Branch or service receiver address	Endereço do estabelecimento ou tomador

Associate Work Locations > Communication

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
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<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/associateWorkLocations/communication /associateWorkLocations/communication/landlines /associateWorkLocations/communication/landlines/areaDialing /associateWorkLocations/communication/landlines/dialNumber /associateWorkLocations/communication/landlines/formattedNumber	Location's phone number	Branch or service receiver phone number with DDD	Número de telefone do estabelecimento ou tomador com DDD.
/associateWorkLocations/communication/e-mails /associateWorkLocations/communication/emails/emailUri	Location's contact e-mail	Branch or service receiver e-mail	E-mail do estabelecimento ou tomador
/associateWorkLocations/communication/faxes /associateWorkLocations/communication/faxes/areaDialing /associateWorkLocations/communication/faxes/dialNumber /associateWorkLocations/communication/faxes/formattedNumber	Location's fax number	Branch or service receiver fax number with DDD	Número de fax do estabelecimento ou tomador com DDD.

Associate Work Locations > effectiveDateTime

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/associateWorkLocations/effectiveDateTime	Location's creation date	Branch or service receiver include date	Data de inclusão do estabelecimento ou tomador

Chapter 4

Appendix B: Known Limitations

- If no command *\$top* and *\$skip* are used, only the first 100 items will be returned.
- For the command *\$filter* only the following fields are available:
 - /associateWorkLocations/locationID
 - /associateWorkLocations /nameCode/name