

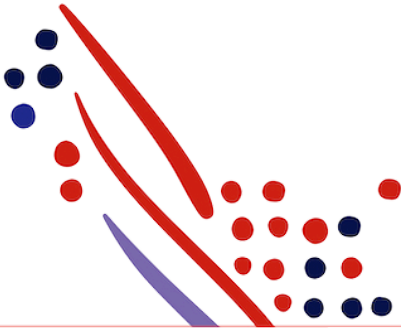
Chapter 2

Use Case: Retrieving Full Worker Information

from Workers Management API Guide for ADP eXpert Brazil

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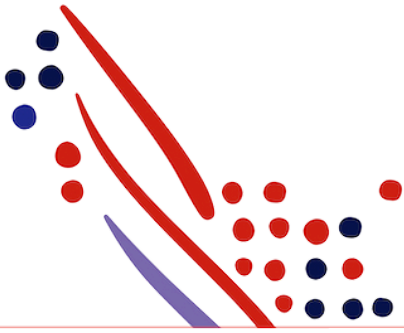
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Workers Management API Guide for ADP eXpert Brazil

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Use Case: Retrieving Full Worker Information

Before you begin

Full worker information commonly requested includes the following:

- Name
- Address
- Communication Profile
- Birth Date
- Government IDs
- Personal IDs
- Hire Date
- Work Status
- Work Assignment Information, such as:
 - Job Title
 - Pay Information
 - Manager / Reports to Information
 - Custom Fields

API usage

Method	URI	Description	GitHub Sample Response Payload
GET	/hr/v2/workers	Requests the list of all available workers the requester is authorized to view.	Retrieve worker example
GET	/hr/v2/workers/{associate-oid}	Requests a single worker the requester is authorized to view.	Retrieve worker 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/workerManagement/workerProfileManagement/worker.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/v2/workers?\$top=100
\$skip	Specifies the number of items in the queried collection to be skipped and not included in the result.	/hr/v2/workers?\$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.	/hr/v2/workers? \$filter=/workers/workerDates/originalHireDat

<i>Query String Option</i>	Description	Example
		e.g. '2022-09-16'
\$count	Returns the total amount of records available. This could be used alongside the optional filters by workerStatus and Worker Company.	/hr/v2/workers?\$count

Sequence of Interactions

The following are the sequence of interactions to retrieve full worker information for a collection of workers:

1. Your consumer application makes a request for an initial collection of workers to the ADP API endpoint.
2. The ADP API endpoint responds to your consumer application with a collection of workers.
3. Your consumer application makes a request for a subsequent collection of workers to the ADP API endpoint.
4. The ADP API endpoint responds to your consumer application with a collection of workers.

Your consumer application repeats steps 3 and 4 until a until an empty workers array is returned.

Data Dictionary

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

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 works with details.
200 OK	Retrieves single worker details.
200 OK	Retrieve the work response using \$stop and \$skip parameters.
200 OK	Verify the following filter query for list of employees who have a certain worker ID Example /hr/v2/workers?\$filter=/workers/workerDates/originalHireDate gt '2022-09-16'
200 OK (empty list)	When pagination reaches the end of the page Example /hr/v2/workers?\$Skip=201&\$Top=100
404 Not found	It would be returned if you call the API for a non-existing AOID for instance Example

Return Code	Return Condition
	/hr/v2/workers/
403 Forbidden	When credentials do not have access to resource, e.g. trying access an associate that is not into caller 's hierarchy
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 /hr/v2/workers/{aoid} Headers: Accept: image/png</p>

Available filters:

The following fields are available to use for filtering workers:

- /workers/associateOID
 - Filter by the Worker's associateOID
 - Example: /workers/associateOID ge 1X00000001
 - Operators: EQ, GE, GT
- /workers/workerID/idValue
 - Filter by the Worker's workerID.
 - Example: /workers/workerID/idValue eq '01-00000017'
 - Operators: EQ, GE, GT
- /workers/workerDates/terminationDate
 - Filter by the worker's termination date.
 - Example: /workers/workerDates/terminationDate gt '2007-10-10'
 - Operators: EQ, GE and GT
- /workers/workerDates/originalHireDate
 - Filter by the worker's hire date
 - Example: /workers/workerDates/originalHireDate gt '2007-10-10'
 - Operators: EQ, GE and GT
- GovernmentIDs:
 - In this case you must specify the document type and value being searched. The exception is the CTPS number which doesn't allow filtering.
 - Examples:
 - /workers/person/governmentIDs/nameCode/shortName eq 'CPF' AND /workers/person/governmentIDs/idValue eq 1111111111
 - /workers/person/governmentIDs/nameCode/shortName eq 'RG' AND /workers/person/governmentIDs/idValue ge 123456789
 - /workers/person/governmentIDs/nameCode/shortName eq 'PIS' AND /workers/person/governmentIDs/idValue ge 123456789
 - Operators:
 - EQ, GE, GT
- Alternate IDs
 - In this case you must specify the alternate ID type and value being searched. You can filter by Global ID ("ID Global") and Worker code ("Matrícula")
 - Examples:
 - /workers/alternatelDs/schemeCode/shortName eq 'idGlobal' AND /workers/alternatelDs/idValue ge 123456789
 - /workers/alternatelDs/schemeCode/shortName eq 'matrícula' AND /workers/alternatelDs/idValue ge 139

These fields can be combined with the company and worker status fields to narrow further the results but cannot be combined between them.

- Examples:
 - /workers/workerDates/originalHireDate gt '2007-10-10' AND /workers/workerStatus/statusCode/shortName eq 'inactive'
 - /workers/associateOID ge 1X00000001 AND /workers/workerStatus/statusCode/shortName eq 'inactive'
 - /workers/workerDates/originalHireDate gt '2007-10-10' AND /workers/companiesIds/companyId eq '001'