Chapter 2

Use case: Retrieving Full Worker Information

from Worker Management API Guide for ADP Workforce

Published on
May 01, 2023, 06:58 AM

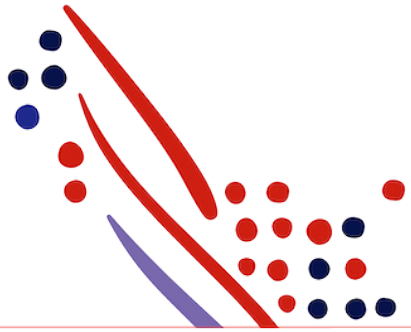
Last modified
Jul 14, 2025, 06:38 AM

Always Designing for People™

ADP Copyright Information

Published on
May 01, 2023, 06:58 AM

Published on
Jul 14, 2025, 06:38 AM



Chapter Contents

Chapter 2

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
- Hire dates
- Work status
- Work assignment information, such as the following:
    - Job title
    - Pay information
    - Manager/reports to information
    - Custom fields

API Usage

Method	Uniform Resource Identifier (URI)	Description	GitHub Sample Response Payload
GET	/hr/v2/workers	Requests the list of all available workers the requester is authorized to view.	workers-http-200-response.json
GET	/hr/v2/workers/{workerID}	Requests a single worker the requester is authorized to view.	single-worker-http-200-response.json

Application Scope

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 URL. Only items for which the expression evaluates to true are included in the response.	/hr/v2/workers? $filter=/workers/workAssignments/terminationDate ge '2024-01-01'
$count	Returns the number of workers in the API response. You can combine this with other query string options.	/hr/v2/workers? $filter=/workers/workAssignments/terminationDate ge '2024-01-01'&$count=true
asOfDate	Retrieve data for a single worker on a reference date. **Important** The parameter asOfDate is only available for /hr/v2/workers/{workerID}. Using this parameter the section reportsTo will not be part of the API response.	/hr/v2/workers/123456?asOfDate=2024-01-01
workerStatus	To filter on workerStatus (Active or Inactive Worker) there are two options: 1) Filter on hire and termination date. **Important** For the filter to work correctly it is important your HR department correctly registers the termination date (ARB_UITDIENST) in ADP Workforce. 2) Filter on /workers/workerStatus/statusCode/shortName. Possible values are: • Active • Inactive • Hiring • Terminating	1) /hr/v2/workers? $filter=/workers/workerDates/originalHireDate le '2024-01-01' and /workers/workerDates/terminationDate gt '2024-01-01' *where 2024-01-01 is replaced by the current date.* 2) /hr/v2/workers? $filter=/workers/workerStatus/statusCode/shortName eq 'Active'

Sequence of Interactions

The following are the sequence of interactions to retrieve full worker information for a collection of workers:"(for instance, by using $top=100)"

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. "(for instance, by using $skip=100&$top=100)"
4. The ADP API endpoint responds to your consumer application with a collection of workers.

Your consumer application repeats steps 3 and 4 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.

For more information, see API Common Exceptions and Tips for Handling.