



## Chapter 1

# Open Data Protocol (OData)

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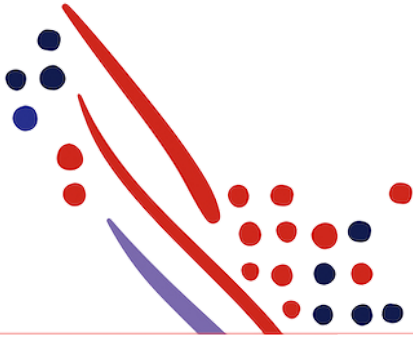
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# Open Data Protocol (OData)

ADP APIs support the \$select, \$filter, \$top, and \$skip options defined in OData. These options allow a client to control the representation that it gets back from the server. Some products may support legacy parameters like *limit* and *offset*.

Multiple query parameters may be used together by separating each option with the '&' character.

## Using \$top and \$skip (Pagination)

The \$top option requests the number of items in the queried collection to be included in the result. The \$skip option specifies the number of items in the queried collection that are to be skipped and not included in the result.

### Tips

#### **\$top=100**

ADP Workforce Now supports a max page of 100 records. The default is 50.

#### **\$top=2500**

ADP Vantage supports a max page of 2,500 records.

#### **\$skip=1**

Start your offset at 1 and increment accordingly.

## Examples

The request below returns the first two workers of the workers collection:

GET [https://api.adp.com/hr/v2/workers?\\$top=2](https://api.adp.com/hr/v2/workers?$top=2)

The request below returns workers starting with the 19th worker of the workers collection:

GET [https://api.adp.com/hr/v2/workers?\\$skip=18](https://api.adp.com/hr/v2/workers?$skip=18)

The request below returns two workers starting with the 19th worker of the workers collection:

GET [https://api.adp.com/hr/v2/workers?\\$top=2&\\$skip=18](https://api.adp.com/hr/v2/workers?$top=2&$skip=18)

## Using \$select

The \$select option selects a subset of properties to include in the response. For example, to get only the legal name of each worker, use the following query:

GET [https://api.adp.com/hr/v2/workers?\\$select=workers/person/legalName](https://api.adp.com/hr/v2/workers?$select=workers/person/legalName)

## Using \$filter

The `$filter` option filters a collection of resources that are addressed by a request URL. The expression specified with `$filter` is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. For example, to get only workers reporting to Timothy Cody, use the following query:

GET [https://api.adp.com/hr/v2/workers?\\$filter=workers/workAssignments/reportsTo/positionID%20eq%20%2793V000061%27](https://api.adp.com/hr/v2/workers?$filter=workers/workAssignments/reportsTo/positionID%20eq%20%2793V000061%27)

**Note:** Supported `$filter` resource paths will vary by ADP product.