



Guide

Organization Departments API Guide for ADP eXpert Brazil

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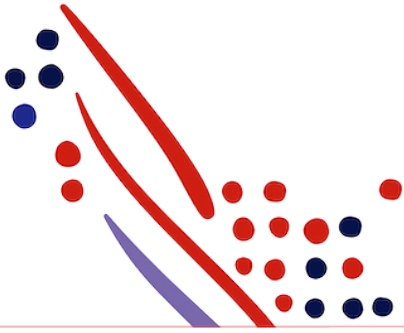


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Chapter 1

About this API

Summary

The Departments API Guide for describes how your application can access information about departments 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 department is the description of where the employee works originally in the company, for example, Sales, Marketing, Product, IT, so on. In this API, your application can access the data for each department 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 Departments Application Programming Interface (API) and this guide.

November, 2022

- First revision of this document

January, 2023

- Addition of the org chart views and change in the department record so each department generate one record by org chart.

July, 2025

- Adding new fields for client specific information and new filter by contactPerson.

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 departments 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](#).

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 organization departments.
- Retrieve data for a specific organization department 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 filter the requested data based on your needs.

Chapter 2

Use Case: Retrieving Organization Departments Information

Use Case: Retrieving Organization Departments Information

Before You Begin

This API contains the data of the organization departments registered in the eXpert system, which means the "Centro de Resultado" and "Unidade Organizacional" tables. This API also considers all the client's org charts defined in the eXpert system, opening different records for each department, one in each org chart, this way each department registered in payroll could have several records, with the field "itemID" identifying the department code in payroll (used for the org units API).

To guarantee unicity, the department code is formed using the structure above the department and the org chart code (for more details, check the field departmentCode in the data dictionary)

API Usage

Method	URI	Description	GitHub Example
GET	/core/v1/organization-departments	Requests the list of all available departments the requester is authorized to view.	Organizational Departments JSON Example
GET	/core/v1/organization-departments/{department-id}	Requests a single department the requester is authorized to view.	Organizational Departments JSON 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:

`/core/organizationManagement/organizationInformationManagement/organizationDepartmentManagement/organizationDepartment.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	<i>Requests the number of items in the queried collection to be included in the result. The maximum page size is 100 records.</i>	<code>/core/v1/organization-departments?\$top=100</code>
\$skip	<i>Specifies the number of items in the queried collection to be skipped and not included in the result.</i>	<code>/core/v1/organization-departments?\$top=100&\$skip=100</code>
\$filter	<i>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. Note that not all fields are available for filter, as explained in the next section.</i>	<code>/core/v1/organization-departments?\$filter=/organizationDepartments/departmentCode eq 'U_1_001'</code>

Filters available:

At this point, it's possible to filter by the following fields:

- o /organizationDepartments/departmentCode
- o /organizationDepartments/parentDepartmentCode/codeValue
- o /organizationDepartments/contactPerson/workerID/idValue
 - o For this field, only the EQ option is available, allowing to filter the departments a worker is responsible for.

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.

200 OK	Retrieves list of departments with details.
200 OK	Retrieves single department details.
200 OK	Retrieve the departments response using \$stop and \$skip parameters.
200 OK (empty list)	When pagination reaches the end of the page Example <code>/core/v1/organization-departments/?\$top=100&\$skip=100</code>
400 Bad Request	It would be returned if you call the API with missing mandatory headers
403 Forbidden	When credentials do not have access to resource, e.g. trying access an associate that is not into caller's hierarchy
404 Not found	It would be returned if you call the API for a non-existing AOID for instance Example <code>/core/v1/organization-departments/</code>
406 Not acceptable	When the server cannot produce a response matching the list of acceptable values defined in the request resource Example <code>/core/v1/organization-departments/{department-id}</code> Headers: Accept: image/png
412 Precondition Failed	When the roleCode is different from Practitioner

Chapter 3

Appendix A: Data Dictionary

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

Departments > departmentCode

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
<code>/organizationDepartments/departmentCode</code> <code>/organizationDepartments/departmentCode/codeValue</code>	Department's code	For Result Center: E_ Example: E_1_001_001_124579934 For Organizational Unit:	Para Centro de Resultado: E__ Exemplo: E_1_001_001_124579934 Para Unidade Organizacional: U_

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
		U_	
/organizationDepartments/departmentCode/shortName	Department's name	Department or organizational unit name	Nome do centro de resultado ou unidade organizacional

Departments > departmentDescription

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/departmentDescription	Department's description	Department or organizational unit description	Descrição do centro de resultado ou unidade organizacional

Departments > parentDepartmentCode

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/parentDepartmentCode /organizationDepartments/parentDepartmentCode/codeValue	Department's parent level department code	Org unit code according to the standart org chart Follow the same rule: U_	Código da unidade organizacional superior de acordo com o organograma padrão Seguir mesma regra de codificação: U_
/organizationDepartments/parentDepartmentCode/shortName	Department's parent level department name	Org Unit (UO) name according to the standart org chart	Nome da unidade organizacional superior de acordo com o organograma padrão

Departments > activeIndicator

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/activeIndicator	Department's active indicator	Indicates if the department is active or not. For UO, always as active	Indica se o centro de resultado está ativo ou não. Para UO, trazer como sempre ativo.

Departments > effectiveDate

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/effectiveDate	Department's creation date	Date of creation or inactivation of the department/UO	Data de criação ou inativação do centro de resultado/UO

Departments > assignedLocation

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/assignedLocation/nameCode /organizationDepartments/assignedLocation/nameCode/codeValue	Department's branch code	Result Center branch code with the rule: E_ --> E_001_001 Field not used for organizational units elements.	Código do estabelecimento do Centro de Resultado, com a regra: E_ --> E_001_001 Campo não utilizado para registros de Unidades Organizacionais.
/organizationDepartments/assignedLocation/nameCode/shortName	Department's branch name	Branch name Field not used for organizational units elements.	Nome do estabelecimento Campo não utilizado para registros de Unidades Organizacionais.
/organizationDepartments/assignedLocation/lineOne /organizationDepartments/assignedLocation/lineTwo /organizationDepartments/assignedLocation/lineThree /organizationDepartments/assignedLocation/cityName /organizationDepartments/assignedLocation/countrySubdivisionLevel1 /organizationDepartments/assignedLocation/countrySubdivisionLevel1/codeValue /organizationDepartments/assignedLocation/countrySubdivisionLevel1/shortName /organizationDepartments/assignedLocation/countrySubdivisionLevel1/subdivisionType /organizationDepartments/assignedLocation/countryCode /organizationDepartments/assignedLocation/postalCode /organizationDepartments/assignedLocation/buildingNumber /organizationDepartments/assignedLocation/streetName /organizationDepartments/assignedLocation/streetTypeCode /organizationDepartments/assignedLocation/streetTypeCode/shortName /organizationDepartments/assignedLocation/unit	Department's branch address	Branch address with street type, street name, number, complement, state and country Field not used for organizational units elements.	Endereço do estabelecimento, com tipo de logradouro, logradouro, número, complemento, UF e país. Campo não utilizado para registros de Unidades Organizacionais.

Departments > contactPerson (not all client's will have this information registered)

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/contactPerson/associateOID	Department's manager person	Person's code of the manager responsible for the CR This code will have the ADP client's code and the manager person's code. Field not used for organizational units elements.	Código de pessoa do gestor responsável pelo CR. Este código é composto pelo código do cliente na ADP e o número de pessoa do gestor. Campo não utilizado para registros de Unidades Organizacionais.

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
<p>/organizationDepartments/ contactPerson/workerID /organizationDepartments/ contactPerson/workerID/id Value</p>	<p>Department's manager worker ID</p>	<p>Worker ID of the manager responsible for the CR.</p> <p>The worker ID rule is the company external code and the employee's ID, filling the ID to 10 digits with zero in the left.</p> <p>Field not used for organizational units elements.</p>	<p>Worker ID do gestor responsável pelo CR. Regra do worker ID é a composição do código externo da empresa e da matrícula do colaborador, preenchendo a matrícula para 10 dígitos com zero a esquerda.</p> <p>Campo não utilizado para registros de Unidades Organizacionais.</p>
<p>/organizationDepartments/ contactPerson/personName /organizationDepartments/ contactPerson/personName /givenName /organizationDepartments/ contactPerson/personName /middleName /organizationDepartments/ contactPerson/personName /familyName1 /organizationDepartments/ contactPerson/personName /formattedName</p>	<p>Department's manager name</p>	<p>Name of the manager responsible for the CR, prioritizing the social name.</p> <p>Field not used for organizational units elements.</p>	<p>Nome do gestor responsável pelo CR, priorizando o nome social.</p> <p>Campo não utilizado para registros de Unidades Organizacionais.</p>
<p>/organizationDepartments/ contactPerson/communication /organizationDepartments/ contactPerson/communication/ landlines /organizationDepartments/ contactPerson/communication/ landlines/areaDialing /organizationDepartments/ contactPerson/communication/ landlines/dialNumber /organizationDepartments/ contactPerson/communication/ landlines/formattedNumber /organizationDepartments/ contactPerson/communication/ landlines/itemID</p>	<p>Department's manager landline</p>	<p>Alternative phone number of the manager responsible for the CR</p> <p>Field not used for organizational units elements.</p>	<p>Telefone alternativo do gestor responsável pelo CR.</p> <p>Campo não utilizado para registros de Unidades Organizacionais.</p>
<p>/organizationDepartments/ contactPerson/communication/ mobiles /organizationDepartments/ contactPerson/communication/ mobiles/areaDialing /organizationDepartments/ contactPerson/communication/ mobiles/dialNumber</p>	<p>Department's manager mobile</p>	<p>Phone number of the manager responsible for the CR</p> <p>Field not used for organizational units elements.</p>	<p>Telefone do gestor responsável pelo CR.</p> <p>Campo não utilizado para registros de Unidades Organizacionais.</p>

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/ contactPerson/communication/mobiles/formattedNumber /organizationDepartments/ contactPerson/communication/mobiles/itemID			
/organizationDepartments/ contactPerson/communication/emails /organizationDepartments/ contactPerson/communication/emails/emailUri	Department's manager email	E-mail of the manager responsible for the CR Field not used for organizational units registration.	E-mail do gestor responsável pelo CR. Campo não utilizado para registros de Unidades Organizacionais.
/organizationDepartments/ contactPerson/communication/faxes /organizationDepartments/ contactPerson/communication/faxes/areaDialing /organizationDepartments/ contactPerson/communication/faxes/dialNumber /organizationDepartments/ contactPerson/communication/faxes/formattedNumber /organizationDepartments/ contactPerson/communication/faxes/itemID	Department's manager fax number	Fax of the manager responsible for the CR Field not used for organizational units registration.	Fax do gestor responsável pelo CR. Campo não utilizado para registros de Unidades Organizacionais.
/organizationDepartments/itemID	Department's code in the payroll table of units.	Department code in the organizational units API table. This field is used to allow the link between the org charts and the payroll table. Not used for org units records.	Código do centro de resultado na tabela da API Organizational Units. Este campo é utilizado para ligar os registros do centro de resultado na visão de organogramas e na visão de folha. Não preenchido para registros de unidades organizacionais superiores.
/organizationDepartments/organizationName	Department's organization name	Branch name of the department	Nome da Estabelecimento do Centro de Resultado

Departments > Auxiliary Fields

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
/organizationDepartments/ auxilliaryFields	Client specific fields and additional data	In this array, we'll have the following objects: "Accounting Interface Code" for the department code for contability registered in ADPeXpert.	Nesta lista teremos os seguintes objetos: "Accounting Interface Code" para o código do CR para contabilidade no ADPeXpert. "Counterpart Code" para o código de contrapartida do CR no ADPeXpert.

<i>Canonical Field</i>	<i>Label</i>	<i>SOR Rule</i>	<i>SOR Rule (in local language)</i>
		<p>"Counterpart Code" for the counterpart code for contability registered in ADPeXpert.</p> <p>"Accounting Code Division" for the contability division code registered in ADPeXpert.</p> <p>Disclaimer: these three fields will have the data registered in the payroll module, not in the contability module.</p> <p>Also, we'll have one object for each client specific field in ADP eXpert's department registration.</p>	<p>"Accounting Code Division" para o código de divisão contábil do CR no ADPeXpert.</p> <p>Importante: estes 3 campos vão ter os dados registrados no cadastro do eXpert, não do integrador contábil.</p> <p>Além disso, teremos um objeto para cada informação adicional (infadic) do cadastro do centro de resultado no eXpert.</p>
<code>/organizationDepartments/auxilliaryFields/stringValue</code>	Field value	Field value, corresponding to the type of object.	Conteúdo da informação, de acordo com o tipo de campo do objeto.
<code>/organizationDepartments/auxilliaryFields/nameCode</code> <code>/organizationDepartments/auxilliaryFields/nameCode/shortName</code>	Field name	<p>Name of the information in the object.</p> <p>In case of the 3 standard fields, we'll have: "Accounting Interface Code" "Counterpart Code" "Accounting Code Division"</p> <p>For client specific fields, we'll have the field label registered by the client.</p>	<p>Nome da informação no objeto.</p> <p>No caso dos 3 campos padrão, teremos: "Accounting Interface Code" "Counterpart Code" "Accounting Code Division"</p> <p>Para campos de infadic, teremos o nome do campo conforme definido pelo cliente.</p>