

# OAS3 Document - Preview APIs

- [Definition](#)
- [API Testing Tutorial](#)

## Definition

You can preview your generated APIs via the **OAS3 Document** button located on the API Builder's top menu bar, similar to other Builders in Joget.

Here you can quickly visualize and directly interact with the API's resources for testing, without using external API client software nor having any implementation logic in place.

On the top right of the page, you can also download the generated APIs as a YAML-formatted OpenAPI 3.0 document.

This preview interface is created with [Swagger UI](#).

[Download Open API Definition File](#)

## Expense Claim Data 7.0-SNAPSHOT OAS3

Perform CRUD on expense claim records.

Servers  [Authorize](#)

### list/ExpensesListAll All expense claim records.

**GET** /list/ExpensesListAll Retrieve list data

### form/ExpensesApproval Approval data from approver.

**GET** /form/ExpensesApproval/{recordId} Get form data by record ID

### form/ExpensesClaim Expenses data from claimant.

**GET** /form/ExpensesClaim/{recordId} Get form data by record ID

**DELETE** /form/ExpensesClaim/{recordId} Delete form data

**POST** /form/ExpensesClaim Add form data

**PUT** /form/ExpensesClaim Update form data

### Schemas

- ExpensesListAll-ListObject >
- ExpensesClaim-FormData >
- FormDataResponse >
- ApiResponse >

In this example, we would like to test a sample [List API](#) we created in the default Expenses Claims App.

### list/ExpensesListAll All expense claim records.

GET /list/ExpensesListAll Retrieve list data

First, click on the desired API to test. This will expand the configurations available for the API.

In this case, we are testing an API method that lists all or partial records of the "Expense All" datalist.

### GET /list/ExpensesListAll Retrieve list data

Get all records from the specified datalist.

**Parameters** Try it out

Name	Description
filters object <small>(query)</small>	Filters the returned datalist records by querying the search terms with the datalist columns. Similar to the LIKE operator for database querying.
startOffset integer <small>(query)</small>	Starting position of records to start query.
pageSize integer <small>(query)</small>	Number of results to return.

**Responses**

Code	Description	Links
200	<p>Successful operation</p> <p>application/json</p> <p><small>Controls Accept header.</small></p> <p>Example Value   Schema</p> <pre>{   "total": 0,   "data": [     {       "ref": "string",       "title": "string",       "total": "string",       "status": "string",       "claimant": "string",       "remark": "string",       "selectApprover": "string",       "dateCreated": "string"     }   ] }</pre>	No links
404	<p>Data not found</p> <p>application/json</p> <p>Example Value   Schema</p> <pre>{   "code": 0,   "message": "string",   "date": "2019-12-01" }</pre>	No links

In the **Parameters** section, we can observe all the available parameters of this API, along with its data type, parameter type, and a short description about its function/purpose.

In the **Responses** section, here shows all the possible responses that this API may return. In the 'Example Value' field, we can expect the JSON value that this API will return, depending on a successful or unsuccessful /misconfigured request.

Now let's try out this API method! Click on **Try it out** button located on the right side of the **Parameters** section header.

**Parameters**Cancel

Name	Description
filters object <i>(query)</i>	Filters the returned datalist records by querying the search terms with the datalist columns. Similar to the LIKE operator for database querying. <pre style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;">{   "additionalProp1": "string",   "additionalProp2": "string",   "additionalProp3": "string" }</pre>
startOffset integer <i>(query)</i>	Starting position of records to start query. <input style="width: 100%;" type="text" value="startOffset - Starting position of records to st"/>
pageSize integer <i>(query)</i>	Number of results to return. <input style="width: 100%;" type="text" value="pageSize - Number of results to return."/>

Execute

Depending on the parameter requirements of an API element, some parameters may be mandatory. Do fill up sample data into any mandatory parameter(s).

In this case, the **List API** by default will return all records found in a datalist, if none of the parameters contain a value.

Now let's try clearing the auto-filled sample formatting in the "filters" parameter, and click on "Execute" to call this API method with this configuration.

