

# OAS3 Document - Preview APIs

- [Definition](#)
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## 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-SNAPSHOTOAS3

Perform CRUD on expense claim records.

Servers

http://localhost:8080/jw/api

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 (query)	Filters the returned datalist records by querying the search terms with the datalist columns. Similar to the LIKE operator for database querying.
startOffset integer (query)	Starting position of records to start query.
pageSize integer (query)	Number of results to return.

Responses

Code	Description	Links
200	<div>Successful operation</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value   Schema</div> <div><pre>{   "total": 0,   "data": [     {       "ref": "string",       "title": "string",       "total": "string",       "status": "string",       "claimant": "string",       "remark": "string",       "SelectApprover": "string",       "dateCreated": "string"     }   ] }</pre></div>	No links
404	<div>Data not found</div> <div>application/json</div> <div>Example Value   Schema</div> <div><pre>{   "code": 0,   "message": "string",   "date": "2019-12-01" }</pre></div>	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
<div>filters<div>object</div><div>(query)</div></div>	<div>Filters the returned datalist records by querying the search terms with the datalist columns. Similar to the LIKE operator for database querying.</div> <div><pre>{  "additionalProp1": "string",  "additionalProp2": "string",  "additionalProp3": "string"} </pre></div>
<div>startOffset<div>integer</div><div>(query)</div></div>	<div>Starting position of records to start query.</div> <div>startOffset - Starting position of records to sta</div>
<div>pageSize<div>integer</div><div>(query)</div></div>	<div>Number of results to return.</div> <div>pageSize - Number of results to return.</div>

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.

Clear

Here in the server response - response body, APIs will return the response value in JSON format. You can inspect the value here and determine how your external application can consume this API.