

RegoLink for Clarity PPM (Preview)



RegoLink Clarity PPM connector that allows organizations to integrate with Clarity PPM to read and load data through a robust mechanism of actions and validations

This connector is available in the following products and regions:

Service	Class	Regions
Logic Apps	Standard	All Logic Apps regions except the following: - Azure Government regions - Azure China regions
Flow	Premium	All Flow regions except the following: - US Government (GCC)

Service	Class	Regions
PowerApps	Premium	All PowerApps regions except the following: - US Government (GCC)

Creating a connection

To connect your account, you will need the following information:

Name	Type	Description
Clarity PPM URL Clarity PPM User	securestring	The Clarity PPM URL Clarity PPM User for this api
Clarity PPM Password	securestring	The Clarity PPM Password for this api

Throttling Limits

Name	Calls	Renewal Period
API calls per connection	100	60 seconds

Actions

Execute Action	Performs a XOG operation with the parameters and field mappings provided
Run Query	Returns a list of all the records provided by the NSQL Query. Allows users to filter by the NSQL parameters and use all columns as part of the response.
Validate Lookup	Returns the lookup values for the parameters provided. Allows to validate a single value by ID or Label, or retrieve the list of all available values

Execute Action

Operation ID: ExecuteAction

Performs a XOG operation with the parameters and field mappings provided

Parameters

Name	Key	Required	Type	Description
Actions	actionID	True	string	Select a pre-configured action in Clarity PPM to perform a XOG Operation
Action Dynamic Schema	dynamicActionSchema		dynamic	Returns a list of fields based on the configured action which can be mapped to Flow Constants, Dynamic Content or Expressions

Returns

Execute Action Response (JSON)

response

Name	Type	Description
Status	string	Resulting status of the operation. Will return a numeric value based on the following: 0: Failure 1: Success 2: Error
Total	integer	represents the total records
Failed	integer	represents the failed records
Updated	integer	represents the updated records
Inserted	integer	represents the inserted records
Messages	string	When not empty, it will provide any XOG messages returned by Clarity PPM in a friendly format without XML tags.
Request	string	XML Body of the generated request based on the parameters provided.
Response	string	XML response provided by Clarity PPM.

Run Query

Operation ID: RunQuery

Returns a list of all the records provided by the NSQL Query. Allows users to filter by the NSQL parameters and use all columns as part of the response.

Parameters

Name	Key	Required	Type	Description
Queries	queryID	True	string	Returns a list of all available NSQL queries in Clarity PPM
Query DynamicValuesSchema	GetDynamicValuesSchema		dynamic	Parameters: Available filters in the query. It can be either a static value, a mapping or empty. The name of these parameters may vary according to the selected query Operation: The operation for each one of the parameters: which will allow for: 1) Equals: an exact match of the value 2) Contains: wild card, will bring any values containing the value provided
Order by (Attribute)	GetDynamicValuesSchema		string	Lists all the columns available for this query, the results will be ordered based on the selected value.

Order by (Direction)	GetDynamicValuesSchema		string	When an Order By value is selected, the sorting order can be done either Ascending or Descending order.
Page Number	GetDynamicValuesSchema		integer	Page index which will be brought back
Page Size	GetDynamicValuesSchema		integer	The number of results per page, when defaulted to 0, paging will not be active

Returns response

Name	Type	Description
Dynamic	string	The columns for the returned result set
Count	integer	number of records returned

Validate Lookup

Operation ID: ValidateLookup

Returns the lookup values for the parameters provided. Allows to validate a single value by ID or Label, or retrieve the list of all available values

Parameters

Name	Key	Required	Type	Description
LookupType	LookupType	True	string	Will allow users to select between NSQL Query and Static Lookups
Lookup	LookupId	True	string	Static Lookup: Will provide a list of all static lookups available NSQL Query: Will display a list of all queries matching the following requirements (see Appendix for example): 1) Must contain two columns named: ID and Name 2) Must contain two NSQL parameters named: ID and Name
Label	Name		string	The friendly lookup label. It can be either a static value, a mapping or empty.
ID	Id		string	The lookup_code or lookup_enum depending on the selected query. It can be either a static value, a mapping or empty.
Operation	LookupFilterOperator	True	string	The operation for each one of the parameters: which will allow for: a) Equals: an exact match of the value b) Contains: wild card, will bring any values containing the value provided
Return First Record Only	ReturnFirstRecord		String	- When Yes, it will only return the first match, ideal for filtering and transformation/validation of values. - When No, it will return all values similar to the Run Query Action.

Returns

Definitions

ValidateLookupOK

Execute Action Response (JSON)

response

Name	Path	Type	Description
Count	Count	integer	Number of records returned, ideal to be used in conditions.
ID	ID	string	The lookup value ID
Label	Label	string	The lookup friendly label