This module provide REST API (json) access to Odoo models.

Available Operations

**Get Token :**

Generate token for the users to access the models

***Example:***

*localhost:8069/api/user/get\_token*

It will Return:

*{"token": "24e635ff9cc74429bed3d420243f5aa6"}* # If authentication done.

**Delete Token :**

It is mandatory to provide headers to delete token

***Example:***

*localhost:8069/api/user/delete\_token*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

Return:

*{"id": 3}*

**Search Record:**

List records , it is mandatory to pass model name if id is passed with url then return a single record of a specific id found else check domain in post data , if domain is found then return matched records else return all the data with id and name field.

By default a search will return the ids and name of all records matching the condition, which may be a huge number.if offset and limit parameters are available to only retrieve a subset of all matched records.

***Example for single record :***

*localhost:8069/api/res.partner/search*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

***Example for search using domain, offset and limit***

*localhost:8069/api/res.partner/search*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

***Parameters:***

*{*

*"params":{*

*"fields": ["name","mobile"],*

*"limit": 2*

*"offset":10*

*"domain":[('id','=',7)]*

*}*

*}*

It will Return :

*[*

*{*

*"name":”Alister Michel”,*

*"mobile”:”7200457059”*

*},*

*{*

*"name":”Antony Raj A”,*

*"mobile”:”9751879537”*

*},*

*]*

**Create Record:**

Create record , it is mandatory to pass model name and values for record creation which should be JSON/Dictionary format along with headers.

***Example:***

*localhost:8069/api/res.partner/create*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

***Parameters:***

*{*

*"params":{*

*"vals":{"name":"John David"}*

*}*

*}*

It will Return :

*{'id':101}*

**Update Record:**

update record , it is mandatory to pass model name and values for record modification which should be JSON/Dictionary format along with headers.

***Example:***

*localhost:8069/api/res.partner/write/101*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

***Parameters:***

*{*

*"params":{*

*"vals":{"name":"David John",”mobile”:”9876543210”}*

*}*

*}*

It will Return :

*{'status':101}*

**Delete Record:**

Delete record , it is mandatory to pass model name and record id for deletion along with headers.

***Example:***

*localhost:8069/api/res.partner/unlink/101*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

It will Return :

*{'status':101}*

**Calling custom method of any model :**

For calling a method of any model , it is mandatory to pass model name, record id and method name method call based on new api standards. It is not needed to pass cr,uid,ids,context as method argument. Other then this argument pass as 'args'=[arg1,arg2] in query string. It requires headers for the operation

***Example for calling a method without argument:***

*localhost:8069/api/res.partner/generate\_customer\_list*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

It will Return :

{"success": "True"}

***Example for calling method with arguments:***

*localhost:8069/api/res.partner/create\_customer\_invoice/args[2]*

***Headers:***

*Key: Authorization*

*Value: JWT 24e635ff9cc74429bed3d420243f5aa6*

It will Return :

{"success": "True"}