

-> when partner application sending requests to provider application, then provider application returns response to the partner application

-> My partner application unable to use Ison response; so we need to convert this Ison response into partner native (own) language format . Then partner can we provider response successfully according their business requirements

> Here provider is my djorgo application, it returns joon response

in the form of Ekey: Value 3 format

> Here partner is python application 1 the python conti understand ISON format data so we need to convert this response into python dictionary format that is x 2 ky: value & format

, for this conversion "Isonly" method to converting Ison response

into dictionary

go dictionary = response jsonc)

Procedure for app-to-app: * Install 'requests' module, to provide communication blu two applications prip indall requests * sanding the request from partner to provider application * provider sending response to partner application and store in one Variable * convert this ison response into python native data type like dict by using "json ()" method partner application can using this dictionary data according to business requirements partner procedure i-(python) -> create one python file with name as 'Partner by' wherever - 1 we want demo project -> demopopled > demoapp → partner.py, Dimport requests module in partner py import requests. create parovider application und in one variable urd = http://27.0.0.1:8000/get/hyg/") send provider und by using the 'request' modulo related 'http' methods based on requirments and store results responde. Into one variable response = veguests. get Cura)/-> provider un

isones method and store into Variable

dict-data = response ison ()

, @ use this dict-data wherever we want in partner app

create a python fille which name as pastner, py and woise the ligics with exception handling for communicating the provider application to performing database operations.

step-1:- create python application name which name as partner. py

Righclick on rool folder name -> New -> python file -> partner. pycl

import requests

base-url = http://127.0.0.1:9944/

end_point_url = 'api /emi_viewad/'

final_url = base_url + end_point_url

for gelting all records

response = requests get (final_url)

data=response jsons

print (data)

for getting single record

id = input ('Enter one id!)

response = requests get (final-unl+id+")

data = response : 15on()

print (data)

for deleting single record
id = input c'enter one Id')

respone = request. deletel final urd +id +"/1)

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data exesponse Japan

print ('data deleted')

```
# creating new record
                                                                          6
 payload = §
                                                                          0
      lempid' : 90,
      lemphame! ! Ram kumar,
       lemail: !ram@123gmail.com!
                                                                          C
       'salay': 20000
                                                                          C
                                                                          C
 response = requests post (final-url, data = payload)
                                                                          C
 data = response json()
                                                                          6
 PHOT (data)
                                                                          0000
# updale an existing record
 payload = {
      1 empid': 100,
      'emphame': 'Ram'
      1 em all : tram@gmail.com
    4 1 salay : 95000
  1d = input c'enter id')
  response = requests : put (final_urd+id+'/', clata = pay locad)
  data = response data ()
   print (data)
        enception handling:
           response = request. post (final_und) todos o pouglos ett
           if response status: code==200:
                  print ("status code is: ", response - status_code)
                  try:
                      print (response json1)
                  encept:
                      print ("sorry, you are not getting the ison Response
                                           from provider App")
```

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eleff response, status code=22011:
        print c'atatus code 15: ", response. status_code)
        Crapmes Jean()
        print ("Record created successfully")
   elif response-status- code == 204:
         print ('status code Ps:", response estatus-code)
         print (" Record deleted successfully")
  elif response. statu_code == 400:
        print ("status code is:", response status - code)
        pant (" Bad request, record not created")
 elif response . status code == 404:
         print ('status code is:', response status-code)
        print (' Roord not found')
elif response status_code == 403:
         print ('status code is:', response. status code)
         print ('method not hitting, carf to ken not available)
elif response status-code == 500:
         print ('slatus code is: ', response - statu-code)
         point ( server side exception!)
elsc "
      print l'statu code is: ", response statu_code)
      print ('sry unable to operation')
```

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