

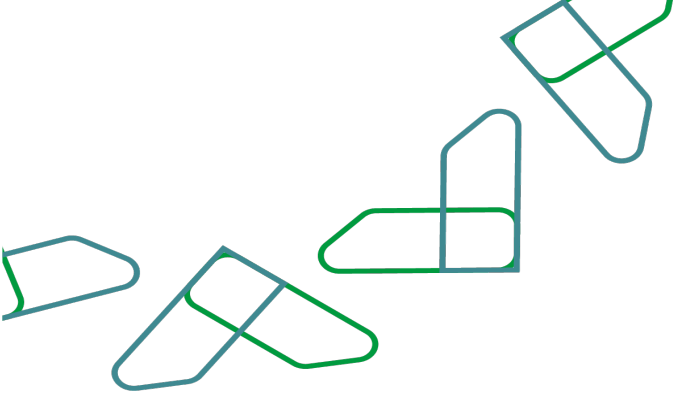
اعتقاد
Etimad



Integration Guide Document

Open Data API

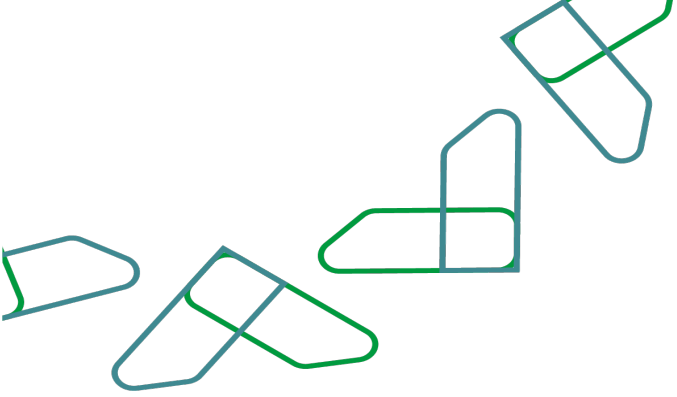
Version: 1.0



Open Data API IG
Date: May 16, 2024

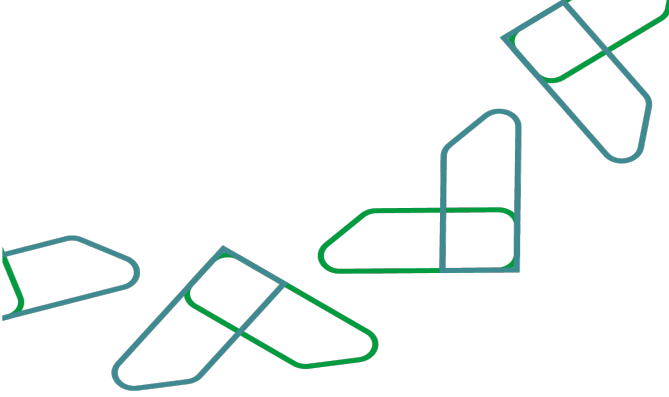
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Prerequisites & Requirements

All integrations must comply with the Etimad Acceptable Use Policy and API Terms.



API Definition Card and Service samples

Open Data API

API Definition Card				
API Name	OpenData			
API Description	This API is used to retrieve different public data sets through API .			
End Point	GET https://[Server IP]:[port]/etimad/v1/opendata/{groupId}?fileFormat={FileFormat}			
HTTP Request Headers				
Element Name	Usage	Element Value		
X_MOF_RqUID	R	Unique, Auto generated, GUID format		
Path Parameters				
Element	Data Type	Allowed Value	Usage*	Description
groupId	String		R	Group Identifier
fileFormat	String	1: XML 2: JSON 3: CSV 4: XLSX	R	File Format
HTTP Response Headers				
Element Name	Element Value			
Content-Type	application/json; charset=UTF-8			
Response Elements				
Element	Data Type	Allowed Value	Usage*	Description
File	Streaming		R	Required File
Error Elements				
Element	Data Type	Allowed Value	Usage*	Description
Object errors	Array			
Object code	String		R	Error Code
detail	String	Refer to Detailed Response Messages	O	Error details

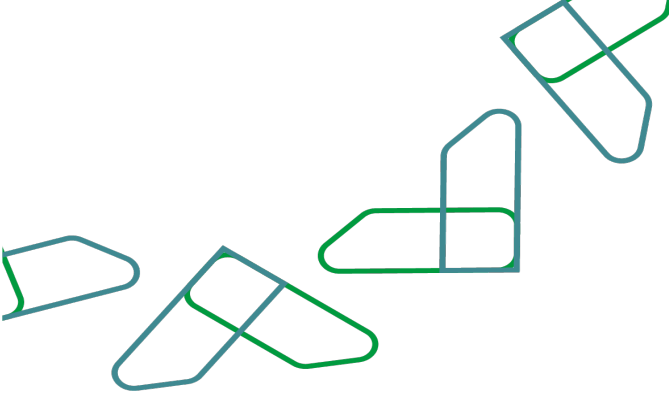
type	String	BusinessError TechnicalError	O	Error Type
link	String		O	documentation URL for help
in	Array		O	
Object			O	
name	String	Refer to Detailed Response Messages	R	Field name caused bad request error
type	String		R	Field type caused bad request error
reason	String	Refer to Detailed Response Messages	O	Reason of validation error

Sample Request

```
> GET https://[Server IP]:[port]/etimad/v1/opendata/1?fileFormat=1
HTTP/1.1
> X_MOF_RqUID: bc57fb47-0dd2-446e-84f2-27d19eac5f7d
```

Sample Failure Response

```
< HTTP/1.1 400 Bad Request
< Content-Type: Application/json
{
  "errors": [
    {
      "Code": " A002400",
      "detail": "Validation format failed. Please return to documentations ",
      "type": "BusinessError",
      "link": "",
      "in": [{
        "name": "fileFormat",
        "type": "URIPath",
        "reason": " must be one of allowed values"
      }
    ]
  ]
}
```



Security Options

- TLS 1.2 protocol

Http Response Codes

HTTP status code	Error Description	Correction Action	Retry
200	OK		N
400	Bad Request	Check error message	N
404	Not Found	The resource which the client is requesting for doesn't exist	N
408	Backend Timeout	Check with service provider	Y
500	Internal Server Error.	N/A	Y

Detailed Response Messages

Code	detail	name	reason
A001400	Some Required Fields are not founded in your request, Please return to documentations.	N/A	N/A
A002400	Validation format failed. Please return to documentations	groupId	must be from list
		fileFormat	must be one of allowed values
A001500	Internal Server Error	N/A	N/A