

Node RESTRequest: Utilice el nodo RESTRequest para emitir solicitudes síncronas a API externas.

Código: [ACE11-RESTRequest-example.zip](#)

En este ejemplo se tiene una aplicación **RESTRequest_API** que expone una API rest que devuelve los datos de un usuario y desde otra aplicación **RESTRequest_Client** que consume a la primera api mediante el nodo REST Request.

- Documentación IBM BUS 10:
<https://www.ibm.com/docs/es/integration-bus/10.0?topic=ssmkhh-10-0-0-com-ibm-etools-mft-doc-bz90910-htm>
- Documentación IBM ACE 11:
<https://www.ibm.com/docs/en/app-connect/11.0.0?topic=nodes-restrequest-node>
- Mas ejemplos de IBM ACE 11:
<https://github.com/juliopari/ibm-ace11-toolkit-simple-tutorials>



Properties Problems Outline Tasks Deployment Log

REST Request Node Properties - getUser

Description	
Basic	Operation Specify a Swagger 2.0 file containing the definitions for the REST API that you wish to invoke, and an operation within that REST API.
HTTP Settings	
SSL	Definitions file* Tutorial_swagger.json in shared library RESTRequest_SharedLibrary
Request	Operation* getUser
Response	GET /{UserNumber}
Response Message Parsing	
Parser Options	Security identity <The name of an identity defined with mqsisetdbparms. Do not include the "rest:" prefix here>
Validation	Request timeout (sec)* 120
Security	Base URL override <defaults to base URL specified in REST API definitions file>
Monitoring	

Validación Postman REST API Backend

The screenshot displays the Postman REST client interface. At the top, the method is set to GET and the URL is `http://aprendeibm:7080/restrequest_api/v1/1`. Below the URL bar, there are tabs for Params, Authorization, Headers (6), Body, Pre-request Script, Tests, and Settings. The Headers tab is currently selected, showing a table with two columns: KEY and VALUE. The table contains one entry with the key 'Key' and the value 'Value'.

KEY	VALUE
Key	Value

Below the Headers tab, there are tabs for Body, Cookies, Headers (4), and Test Results. The Body tab is selected, showing a JSON response in the Pretty view. The response is:

```
1 {  
2   "userNumber": "1",  
3   "firstName": "Peter",  
4   "lastName": "Pan",  
5   "userDetails": "Employee"  
6 }
```

Validación Postman API Client


POST ▼ http://aprendeibm:7080/REST/getUser

Params Authorization Headers (8) **Body** ● Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **XML** ▼

```
1 <User>
2   <UserNumber>1</UserNumber>
3 </User>
```

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "userNumber": "1",
3   "firstName": "Peter",
4   "lastName": "Pan",
5   "userDetails": "Employee"
6 }
```

Video Youtube de explicación

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Si te ha interesado este artículo y deseas un apoyo o asesoría en algún requerimiento, envíame un mensaje a: (info@juliopari.com) o sino a través de LinkedIn:

<https://www.linkedin.com/in/juliopari/>
