

**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-ertools-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>



**REST Request Node Properties - getUser**

<b>Operation</b> <i>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.</i>	
Definitions file*	Tutorial_swagger.json in shared library RESTRequest_SharedLibrary
Operation*	getUser
	<b>GET</b> /{UserNumber}
Security identity	<The name of an identity defined with mqsisetdbparms. Do not include the "rest:" prefix here>
Request timeout (sec)*	120
Base URL override	<defaults to base URL specified in REST API definitions file>

Validación Postman REST API Backend

The screenshot displays the Postman API Client interface for a GET request. The URL is `http://aprendeibm:7080/restrequest_api/v1/1`. The 'Query Params' section is empty. The 'Body' section is selected, showing a JSON response in 'Pretty' view:

```
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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