



M&R Clara - Word press external API Integration

29th October 2021

INNOVATIVE IT SOLUTIONS, LLC

6702 CHALICE PL.,

SUGARLAND TX 77479

UNITED STATES



CONTENTS

1.	About Us.....	Error! Bookmark not defined.
2.	Problem Statement	3
3.	Practice	Error! Bookmark not defined.



1. PURPOSE OF INTEGRATION

Through Website, there is provision needs to be enabled to create new Inquiry to the newly developing M&R Clara portal. To enable this feature, there is API has been exposed from M&R Clara application through which Wordpress data can be passed to create new Inquiries. Word press can consume the exposed API to pass the required details to M&R Clara application. This

2. SCOPE OF EXTERNAL API

M&R Clara has exposed external API to collect the website user's data to create Inquiries. Word press needs to consume the basic information of users from their database and send to M&R Clara application.

3. INTEGRATION APPROACH

I. APPROACH

Steps are given below for the API Integration.

a. STEP 1: CONSUMER REGISTRATION

Endpoint: [POST] [/register-app-client](#)

Provide Consumer OR client name to register the consumer and this should be a unique name to identify the consumers. Obtain the Client Secret Id from the API response.

Sample Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/register-app-client?clientName=Test2>

API Response:

```
{
  "registerId": "JZzGLJhnRQ",
  "clientName": "Test2",
  "clientSecretId": "pixeltrice"
}
```

b. STEP 2: GET CLIENT SECRET KEY

Endpoint: [POST] [/client-secret-key](#)

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/client-secret-key>

Supply the generated registerId and ClientSecretId as Input.

Request JSON: [sample]

```
{
  "registerId": "XvZhZ9SR7f",
  "clientSecretId": "pixeltrice"
}
```



API Response:

```
{
  "client-secret-key": "pixeltrice-secret-key"
}
```

c. STEP 3: GENERATE OAUTH TOKEN

Endpoint: [POST] /auth-token

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/auth-token>

Request JSON:

```
{
  "clientId": "pixeltrice",
  "clientSecretKey": "pixeltrice-secret-key",
  "grantType": "password",
  "oauthPassword": "mnrclara",
  "oauthUserName": "mnrclara",
  "apiName": "mnr-crm-service"
}
```

API Response:

```
{
  "access_token":
  "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWQ9MzI6Im1ucmNsYXJhbiwiYXV0aG9yaXRpZXMiOiUk9MRV
  9TWVNUURU1BRE1JTjJdLCJqdGkiOiJ5WjBBV3lydXhldzhjMlBOVFNSVDROZkFpcDAiLCJjbGllbnRfaWQiOiJwaXhpbHRyaWNlIiwic2NvcGUiOiJicmVhZCIsInZlc3R5aXR119.OPH3kmf_XdhWtH6JsOFZomx7zh4BHODh0lcuUifrVDc",
  "token_type": "bearer",
  "refresh_token":
  "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWQ9MzI6Im1ucmNsYXJhbiwiYXV0aG9yaXRpZXMiOiUk9MRV
  9TWVNUURU1BRE1JTjJdLCJqdGkiOiJ5WjBBV3lydXhldzhjMlBOVFNSVDROZkFpcDAiLCJjbGllbnRfaWQiOiJwaXhpbHRyaWNlIiwic2NvcGUiOiJicmVhZCIsInZlc3R5aXR119.OPH3kmf_XdhWtH6JsOFZomx7zh4BHODh0lcuUifrVDc",
  "expires_in": "19999",
  "scope": "read write",
  "jti": "yZ0AWr2uxew8c2PNTSRT4NfAip0"
}
```

d. STEP 4: ACCESS EXTERNAL API

Endpoint: [POST] /inquiry/external

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/mnr-crm-service/inquiry/external>



Request JSON:

```
{  
  "serviceType": "string",  
  "email": "string",  
  "firstName": "string",  
  "language": "string",  
  "lastName": "string",  
  "legelIssueDescription": "string",  
  "message": "string",  
  "phone": "string",  
  "preferabalCommunicationMedium": "string",  
  "zipCode": "string",  
  "formId": ""  
}
```

4. APPENDIX

N/A