NigeriaMRS API Documentation

Available End Points:

Migration: This is the base json object, it contains the patent demography, address, facility, identifiers, encounters (It can be accessed via POST method with the json payload below from the link)
http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration

Model	Example value (**JsonSample**)
<pre>{
        "surname": "string",
        "givenName": "string",
        "middleName": "string",
        "birthDate": "date-string(dd/MM/yyyy)",
        "gender": "string(M or F)",
        "address": {
                "country": "string",
                "address3": "string",
                "address2": "string",
                "address1": "string",
                "latitude": "string",
                "postalCode": "string",
                "stateProvince": "string",
                "cityVillage": "string",
                "longitude": "string"
        },
        "facility": {
                "lga": "string",
                "facilityName": "string",
                "state": "string"
        },
        "encounters": [{
                "encounterTypeId": "int",
                "formTypeId": "int",
                "encounterDate":   "date-string(dd/MM/yyyy)",
                "encounterLocationId": "int",
                "provider": {
                        "surname": "string",
                        "givenName": "string",
                        "middleName": "string"
                },
"obs": [{
        "valueTypeId":   "string(value_coded, value_numeric, value_boolean, value_text etc)",
                                "obsChildren": [],
                                "conceptId": "int",
                                "parent": "boolean",
                                "value": "string"
                        },
                        {</pre> | <pre>{
        "surname": "Musa",
        "givenName": "Lawal",
        "middleName": "Aliyu",
        "birthDate": "27/08/1997",
        "gender": "M",
        "address": {
                "country": "Nigeria",
                "address3": "",
                "address2": "",
                "address1": "No. 4, Ahmadu Street",
                "latitude": "9.047",
                "postalCode": "800272",
                "stateProvince": "Kaduna",
                "cityVillage": "Birnin Mai Burji",
                "longitude": "11.065"
        },
        "facility": {
                "lga": "Lere",
                "facilityName": "Lere Hospital",
                "state": "Kaduna"
        },
        "encounters": [{
                "encounterTypeId": 13,
                "formTypeId": "int",
                "encounterDate": "03/09/2019",
                "encounterLocationId": "4",
                "provider": {
                        "surname": "Haliru",
                        "givenName": "Ahmed",
                        "middleName": "Bello"
                },
        "obs": [{

                "valueTypeId": "value_coded",
                "obsChildren": [],
                "conceptId": 165945,
                "parent": "false",
                "value": "160530"
                },
                {
                "valueTypeId":value_coded",
                "obsChildren": [],
                "conceptId": "165945",
                "parent": "false",</pre> |

```
                                   "valueTypeId":
"string(value_coded,  value_numeric,  value_boolean,
value_text etc)",
                              "obsChildren": [],
                              "conceptId": "int",
                              "parent":
"boolean",

                              "value": "string"
                  },
                  {
                              "conceptId": "int",
                              "parent":
"boolean",

                              "value": "string",
                              "valueTypeId":
"string(value_coded,  value_numeric,  value_boolean,
value_text etc)",
                              "obsChildren": [{

        "valueTypeId":          "string(value_coded,
value_numeric, value_boolean, value_text etc)",

        "conceptId": "int",

        "value": "string"
                                    },
                                    {

        "valueTypeId":          "string(value_coded,
value_numeric, value_boolean, value_text etc)",

        "conceptId": "int",

        "value": "string"
                                         }
                              ]
                        }
                  ]
        }],
        "identifiers": [{
                  "identifier": "string",
                  "locationId": "string",
                  "identifierType": "string",
                  "preferred": "boolean"
        }]
}
```

```
       "value": "160530"
      },
      {
       "conceptId": 160530,
       "parent": "false",
       "value": "165709",
       "valueTypeId":"value_coded",

       "obsChildren": [{
       "valueTypeId": " value_coded",

      "conceptId": 160530,


       "value": "160530"
                                    },
                                    {

      "valueTypeId": "value_coded",

      "conceptId": 165720,
      "value": "160530"
                                         }
                              ]
                        }
                  ]
        }],


"identifiers": [{
                  "identifier": "DEMO-17-2090",
                  "locationId": "1",
                  "identifierType": "4",
                  "preferred": "true"
        }]
}
```

Address: This is a child object in the migration base object. It can be used for test purposes, to debug which key in an address object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)

http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/address

Route Type – POST

Model	Example Value

{
    country: string,
    address3: string,
    address2: string,
    address1: string
    latitude: string,
    postalCode: string,
    stateProvince: string,
    cityVillage: string,
    longitude: string
  }
	{
	    "country":"Nigeria",
	    "address3":"",
	    "address2":"",
	    "address1":"House 5, James Street",
	    "latitude":"9.0820",
	    "postalCode":"23402",
	    "stateProvince":"Oyo",
	    "cityVillage":"Ibadan",
	    "longitude":"8.6753"
	  }

Facility: This is a child object in the migration base object. It can be used for test purposes, to debug which key in a facility object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)

http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/facility

Route Type – POST

Model	Example Value

{
  "lga": "string",
  "facilityName": "string",
  "state": "string"
}
	{
	  "lga": "Akinyele",
	  "facilityName": "Peace Medical Center",
	  "state": "Oyo"
	}

Encounters: This is a child object in the migration base object. It can be used for test purposes, to debug which key in an address object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)
http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/encounters

Route Type – POST

Model	Example Value
```[{ "encounterTypeId": "int", "formTypeId": "int", "encounterDate": "date-string(dd/MM/yyyy)", "encounterLocationId": "int", "provider": { "surname": "string", "givenName": "string", "middleName": "string" }, "obs": [{ "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)", "obsChildren": [], "conceptId": "int", "parent": "boolean", "value": "string" }, { "conceptId": "int", "parent": "boolean", "value": "string", "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)", "obsChildren": [{ "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)", "conceptId": "int", "value": "string" }] }]}]```	```[{ "encounterTypeId": 13, "formTypeId": 27, "encounterDate": "08/09/2017", "encounterLocationId": 1, "obs": [{ "valueTypeId": "value_coded", "obsChildren": [], "conceptId": 165945 "value": "165303" }, { "valueTypeId": "value_coded", "obsChildren": [{ "valueTypeId": "value_coded", "conceptId": 165724, "value": "162201" }, { "valueTypeId": "value_coded", "conceptId": 165725, "value": "165618" }], "conceptId": 162240, "parent": true, "value": "162201" }], "provider": { "surname": "utoo", "givenName": "utoo", "middleName": "" } }]```

Provider: This is a child object in the migration base object. It can be used for test purposes, to debug which key in a provider object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)

http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/provider

Route Type – POST

Model	Example Value

{
   "surname": "string",
   "givenName": "string",
   "middleName": "string"
}
	**{
	   "surname": "James",
	   "givenName": "Bond",
	   "middleName": "Maxim"
	}**

Obs: This is a child object in the migration base object. It can be used for test purposes, to debug which key in an obs object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)

http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/obs

Route Type – POST

Model	Example Value

**[
  {
    "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)",
    "obsChildren": [],
    "conceptId": "int",
    "value": "string"
  },
  {
    "conceptId": "int",
    "value": "string",
    "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)",
    "obsChildren": [
      {
       "valueTypeId": "string(value_coded, value_numeric, value_boolean, value_text etc)",
       "conceptId": "int",
       "value": "string"
      }
    ]
  }
]**
	{
	  "conceptId": 229,
	  "parent": true,
	  "value": "For test purposes",
	  "valueTypeId": "2229, 2228",
	  "obsChildren": [
	    {
	      "valueTypeId": "12343, 56532",
	      "conceptId": 123,
	      "value": "For test purposes"
	    },
	    {
	      "valueTypeId": "234343, 456677",
	      "conceptId": 2234,
	      "value": "For test purposes"
	    }
	  ]
	}

Identifiers: This is a child object in the migration base object. It can be used for test purposes, to debug which key in an identifier object is not compatible with the API (It can be accessed via POST method with the json payload below from the link)

http://SERVER_NAME/OPENMRS_INSTANCE/ws/rest/v1/migration/identifiers

Route Type – POST

Model	Example Value

[
  {
    "identifier": "string",
    "locationId": "string",
    "identifierType": "string",
    "preferred": "boolean"
  }
]
	[
	  {
	    "identifier": "123 For test purposes",
	    "locationId": "For test purposes",
	    "identifierType": "123 For test purposes ",
	    "preferred": true
	  }
	]