



Getting started with 4medica Big Data MPI API

This document walks you through one common example of how the 4medica Big Data MPI API can be used. You can use any modern programming language to integrate with this API. The complete documentation for 4medica Big Data API can be found here -

https://app.swaggerhub.com/apis/4medica/4-medica_big_data_mpi_rest_api/1.0

1. Search and Register API

URL: <https://mpidemo.4medica.io/mpi-client/>

Method: POST

Header: *Content-Type*: application/json

Authorization: <authToken>

The authToken is obtained from the Login API response. For the Connectathon, we will provide you with an authToken that everyone can use. There is no need to use the login API.

Request body:

```
{
  "facilityLocalId": [{
    "id": "12345",
    "idSrc": "FCD"
  }],
  "firstname": ["John"],
  "middlename": "Brady",
  "lastname": [
    "Smith"
  ],
  "suffix": ["Jr"],
  "nickname": ["Johnny"],
  "sex": "M",
```

```
"dateOfBirth": "19861116",
"personalId": [{
    "id": "1234567",
    "type": "DL",
    "validity": true
}],
"ssn": "1029",
"address": [{
    "addressLine1": "210K",
    "addressLine2": "Baker Street",
    "city": "Phoenix",
    "state": "AZ",
    "postalCode": "85123",
    "addressValidity": true
}],
"phone": [{
    "number": "9855545689",
    "type": "H",
    "validity": true
}],
"email": [{
    "address": "mpi.richard@gmail.com",
    "validity": true
}],
"race": ["C"],
"ethnicity": ["H"],
```

```

    "custom":[{
        "value":"Black",
        "type":"PrId"
    }]
}

```

Note: For common key enabled Organizations (which is what 4medica has configured for this Connectathon), in the request body, firstname, lastname, dateOfBirth, sex, ssn, address.addressLine1, address.city, address.state and address.postalCode are mandatory.

An example of how this will look if you are using Postman (a popular REST API development/testing tool) when you invoke this API is shown below.

