

# Special Instructions

CDC Population Health Informatics Framework: Social Services FHIR Referral

Team FHIR Pit - 12.03.2016

## Build Environment Setup

1) Install GitHub Desktop (<https://desktop.github.com>)

-> Skip setup

-> Access: <https://github.gatech.edu/gt-hit-fall2016/Social-Services-FHIR-Referral>

-> Press the save to computer button (left of the "Download ZIP" button) -> Launch App

-> Set the local location of the repository

-> Press Sync (top right)

2) Install JDK 1.8.0 x64 (<http://www.oracle.com/technetwork/java/javase/downloads>)

-> Set JAVA\_HOME environment variable to the JDK root folder

3) Install Apache Maven (<http://maven.apache.org>)

-> Set PATH environment variable to Maven's bin directory

## Build Instructions

### Referral Server

From the "Server" folder (on the command line), execute:

```
mvn package
```

### Third Party Application (Non-clinical Program Approval Application)

From the "tp-app" folder (on the command line), execute:

```
mvn package
```

### Client (SMART on FHIR Non-clinical Program Referral Portal)

The files in the "Client" folder need to be hosted on an internet accessible website and registered as an app within the HSPC sandbox. Upon registration, a client ID will be provided and can be configured in the client's launch.html file (as per the configuration instructions listed below). Once registered with the sandbox, launch scenarios can be built to launch the client from configurable patient contexts.

# Run Instructions

## Referral Server

From the "Server" folder (on the command line), execute:

```
mvn spring-boot:run
```

## Third Party Application (Non-clinical Program Approval Application)

From the "tp-app" folder (on the command line), execute:

```
mvn spring-boot:run
```

Client UI accessible from: <http://localhost:8081/status>

## Client (SMART on FHIR Non-clinical Program Referral Portal)

A preconfigured client and three launch scenarios have been prepared in the FHIRPit sandbox. The sandbox has been pre-loaded with the test data provided in the "Research" directory of this repository.

To use the preconfigured launch scenarios, log into HSPC:

<https://sandbox.hspconsortium.org>

Select the "FHIRPit" sandbox, select one of the available launch scenarios, and press the "Launch" button on the bottom right of the page. FHIRPit sandbox access can be requested via email to [scott.lupton@gatech.edu](mailto:scott.lupton@gatech.edu) if necessary.

*Note the registered demo client is currently hosted at: <http://lupton-net.com/FHIRPit>*

# Configuration

## Referral Server

FHIR server connection can be set as a command-line parameter as follows:

```
--fhir.server=https://secure-api.hspconsortium.org/FHIRPit/open
```

*Defaults to the demo sandbox specified above.*

## Client (SMART on FHIR Non-clinical Program Referral Portal)

Registered client ID can be set in launch.html:

```
client_id: "7c2eee05-a36d-476c-93e3-6a306c3cd797"
```