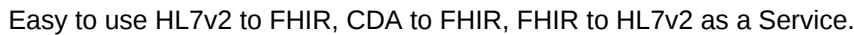


Open Exchange

Iris Healthtoolkit Service



The aim of this project is to provide an REST API that can convert easily various health formats. Post the desire format in the REST body, get the answer in the new format.

- :fire: Official Version : <https://aws.amazon.com/marketplace/pp/prodview-q7ryewpz75cq2> :fire:
- :tv: Video : <https://youtu.be/lr2B7zSFkds> :tv:

Install

Clone this repository

```
git clone https://github.com/grongierisc/iris-healthtoolkit-service.git
```

Docker

```
docker-compose up --build -d
```

Usage

- Go to : <http://localhost:32783/swagger-ui/index.html>

Api details

HL7 to FHIR

POST <http://localhost:32783/api/hl7/fhir>

Example

Input

Output

FHIR to HL7 ADT

POST <http://localhost:32783/api/fhir/hl7/adt>

Example

FHIR to HL7 ORU

POST <http://localhost:32783/api/fhir/hl7/oru>

FHIR to HL7 vxu

POST <http://localhost:32783/api/fhir/hl7/vxu>

CDA to FHIR

POST <http://localhost:32783/api/cda/fhir>

Example

FHIR repo

GET <http://localhost:32783/api/fhir/metadata>

Supported HL7 inbound format :

- ADTA01, ADTA02, ADTA03, ADTA04, ADTA05, ADTA06, ADTA07, ADTA08, ADTA09, ADTA10, ADTA11, ADTA12, ADTA13, ADTA17, ADTA18, ADTA23, ADTA25, ADTA27, ADTA28, ADTA29, ADTA30, ADTA31, ADTA34, ADTA36, ADTA39, ADTA40, ADTA41, ADTA45, ADTA47, ADTA49, ADTA50, ADTA51, ADTA60
-

BARP12

- MDMT02, MDMT04, MDMT08, MDMT11
- OMPO09
- ORMO01
- ORUR01
- PPRPC1, PPRPC2, PPRPC3
- RDEQ11
- SIUS12, SIUS13, SIUS14, SIUS15, SIUS16, SIUS17, SIUS26
- VXUV04

How it's working

This project works with the pivot diagram: SDA.

The SDA (Summary Document Architecture) is the InterSystems Clinical Data Format.

The SDA FHIR correspondences can be consulted [here](#), and those of the CDA -> SDA [here](#).

[#FHIR #HL7 #InterSystems IRIS for Health](#)

[Check the related application on InterSystems Open Exchange](#)

Source URL: <https://community.intersystems.com/post/hl7v2-fhir-its-easy>