

FHIR FOR REDOX

Building a FHIR interface on top of Redox data exchange system



FHIR,
Redox,
Kotlin, HAPI
library



2 months

CASE STUDY: FHIR for Redox

Client

Our client is a healthcare provider serving more than 4.5 million members. They are providing personalized healthcare recommendations to their members, as well as doctor matching services for finding the best in-network care providers.

They do this by combining variety of Health IT technologies and specialized care teams in a call center ready to answer phone inquiries.

Challenge

Seamless integration with wide variety of different EHRs used by their partner network is of paramount importance for providing the quick, precise and personalized care to their members.

Therefore, our client was looking for an efficient way to implement a medical information exchange routes between multiple, often incompatible EHR systems.

Solution

Vicert worked with the client on implementing a [FHIR interface on top of Redox](#) data exchange system. While Redox enables our client to collect medical records from different sources and compile them into a unified format, FHIR layer on top of it enables further downstream data exchange with out-of-network partners.

The goal of the project was to analyze and transform the limited number of Redox resources that are most important to the client. Vicert identified and implemented 20 FHIR resources and 14 custom extensions that corresponds to Redox Clinical Summary and Notes data models.

