OpenEMR FHIR

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UCONN
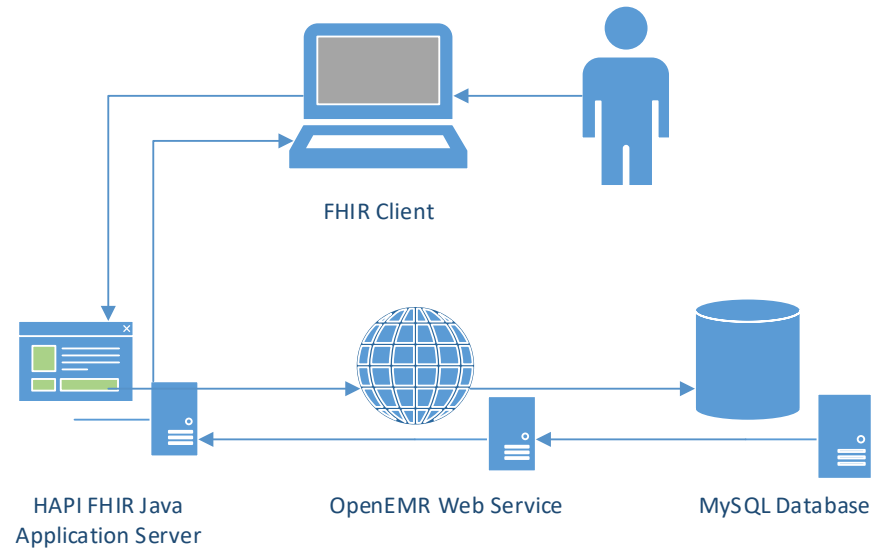
OpenEMR FHIR Data Flow

- FHIR Clients use the FHIR Restful API to query resources on the FHIR server.
- The FHIR server translates the request and sends a query to the OpenEMR Restful API.
- The OpenEMR server performs the necessary queries on the database and returns the results to the FHIR server.
- The FHIR server then translates the results into the FHIR format and returns them to the client.

FHIR Client

HAPI FHIR Java Application Server

OpenEMR Web Service

MySQL Database

OpenEMR FHIR URLs

- **MedicationStatement**:
  - All Records: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/MedicationStatement
  - Individual Record: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/MedicationStatement/{id}
  - All Records for Patient: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/MedicationStatement?patient={patientId}
- **Patient**:
  - All Records: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/Patient
  - Individual Record: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/Patient/{id}
- **Provider**:
  - All Records: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/Provider
  - Individual Record: http://bmi9.engr.uconn.edu:10093/Hackathon/UCONN-FHIR/Provider/{id}

* Replace {id} or {patientId} with the appropriate values.