

OpenMRS FHIR Module

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The OpenMRS FHIR module supports the ability to export and import data in the form of FHIR Resources.

Quick introduction

What is FHIR ?

- [Five things to know about FHIR](#)
- [Introduction to FHIR](#)
- [FHIR for developers](#)

What does FHIR look like ?

A resource is an instance of data that is stored or exchanged. It has,

- a known identity (URL) by which it can be addressed;
- an identification of the subclass (an abstraction from the health domain) of which it is an instance;
- a set of data elements, whose values can be a resource references or of a pre-defined type, and may be single- or array-valued;
- a method of declaring additional data elements to extend the subclass;
- a human-readable XHTML representation of its content;
- a version ID that changes if the contents of the resource change;
- the ability to be extended to include additional data elements.

Upcoming FHIR efforts

We are working on three major projects to improve our work on FHIR during the summer of 2015.

- [Support the consuming of FHIR resources \(POST and PUT\) by the FHIR module](#)
- [Support the import / export of laboratory information via the FHIR module](#)
- [Implement oauth support for OpenMRS](#)

Current status of FHIR support

To date, the FHIR module supports the following resources and actions.

Resource	Person	Patient	Practitioner	Location	Encounter	Observation	AllergyIntolerance	DiagnosticReport (Laboratory)	DiagnosticReport (Radiology)	Ap
GET	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
POST	Yes	Yes	Yes	Yes	Yes	Yes				
UPDATE	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	
DELETE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Operations	N/A	\$everything	N/A	N/A	\$everything	N/A	N/A	N/A	N/A	N/A

Explore FHIR support for OpenMRS

Interested in learning more about our current support for FHIR?

- 1) Try our hands on demo at <https://demo.openmrs.org/openmrs/module/fhir/apidocs.form#/default>
- 2) Read through descriptions for each FHIR resource via the child pages given below

Intercepting FHIR requests for logging and testing