

# FHIR Document interface module



## Work in progress

This page is a work in progress and may change

The FHIR Document interface module will extend the OpenMRS [webservices.rest](#) module to provide a subset of the FHIR interface specifically for the storage and retrieval of documents. We want to be able to provide XDS.b like functionality via a rest interface. FHIR lists this as one of its common scenarios. You can read more about this here: <http://www.hl7.org/implement/standards/fhir/usecases.html>

## The REST interface

The basic function of the FHIR RESTful API that this module should support can be found here: <http://www.hl7.org/implement/standards/fhir/http.html>

In order to implement XDS.b like functionality the module must support the following resources:

- [DocumentReference](#)
- [Patient](#)
- [Practitioner](#)
- [Organization](#)

## Handling documents

To handle documents that are received from the RESTful interface we will make use of the content handler module. This module will fetch the content handler for the media type of the document it receives from the content handler service and it will use this to store the document. When queries are being done, this module will query using the content handler for the requested output type of RESTful request.