

REST 1.x

This is an old and no longer supported version. Please see [REST Module](#) for the latest version.

What this module does

The module exposes the OpenMRS API as REST web services. If an OpenMRS instance is running the Webservices.REST module, other programs (and languages) can connect to retrieve and post certain information to an OpenMRS database.

Downloads

Source at <https://github.com/openmrs/openmrs-module-webservices.rest/tree/1.x>

Download at <https://modules.openmrs.org/modules/download/webservices.rest/webservices.rest-1.1.29293.omod>

Download OpenMRS 1.9.x extension module at <https://modules.openmrs.org/modules/view.jsp?module=webservices.rest19ext> (It is needed, if you are running OpenMRS 1.9.1 and want to access some of the new API methods, tables, and objects.)

User Documentation

Required OpenMRS Version

The REST Web Services module requires at least OpenMRS 1.9.0 or 1.8.1 to run.

Configuration Options



Unknown macro: 'html'

Technical Documentation

The module exposes the OpenMRS API through light-weight **resource** objects off of the core OpenMRS objects. The structure is very similar, but not guaranteed to match up exactly.

This module uses Spring 3 annotations to expose URLs. Primary transport language is currently JSON with XML to be added at a later date.

For Creators of Web Service Core/Module Methods

[Adding a Web Service Step by Step Guide for Core Developers \(REST 1.x\)](#)

[Adding a Web Service Step by Step Guide for Module Developers \(REST 1.x\)](#)

For Web Service Client Developers

See [REST Web Services API For Clients](#)

For more information on individual objects within the API, see [REST Web Service Resources in OpenMRS 1.8](#)

Development History

Initial project page: [Enhanced Web Services \(Design Page\)](#)

Development sprint 1: [2011-05-16 Development Sprint](#)

Followup sprint: [2011-05-30 Development Sprint](#)

Development sprint 2: [2011-07-05 Development Sprint](#)

Example Client code

- Quick java swing client that displays patients and encounters: <http://svn.openmrs.org/openmrs-contrib/examples/webservices/hackyswingexample/>
- In the following link you can download a client (api) java that allows add - edit a person (any resource) and make a query to Webservice.Rest <http://project-development-software-victor-aravena.googlecode.com/svn/trunk/ClientOpenMRSRest/>

Release Notes

- 1.1
 - [\(23 bugs/features fixed/added\)](#)

- Fixed concept.answers
- Fixed patient.identifiers
- Made more resources editable
- Added ability to return retired resources generally
- Added Provider and Visit support to the 1.9ext module
- 1.0
 - Main functionality realized with no new bugs
- 0.9 (Beta)
 - Bugfixes
- 0.8 (Alpha)
 - All use cases working as defined on the [Web Service 1.0 User Stories](#) page
 - [Download omod](#) to install in your own OpenMRS installation
 - [Download standalone with webservices module](#) for an out of the box openmrs with rest web services ready to go.