

Building the OpenMRS Module Repository, 2.0

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Modules

- Customizable functionality to the EMR
- Foster a collaborative development community
- What makes OpenMRS OpenMRS



Module Repository

“A collection of modules that developers have created and uploaded”

—OpenMRS Docs

OpenMRS Module Repository

Module Name	Description
Access Log	Keeps a log of all access to individual patient and encounter records
add gutter item Module	This module adds an external link to the top menu bar
Address Hierarchy	Allows for the entry of structured addresses.
Address Hierarchy Rwanda	Allows for the entry of structured addresses. Contains by default Rwandan structure.
App Framework Module	Framework supporting the idea of self-contained apps that you can see on your homepage.
Appointment	Appointment Module. Useful for managing patient and provider appointments in order to plan encounter
Appointment Scheduling	Module for scheduling patient appointments and managing providers schedule
App UI Module	Support for using the App Framework's context in the UI Framework
ATD	Takes a database form and converts it into an Adaptive Turnaround Document (ATD)
Atlas Module	The Atlas Module provides a mechanism for an implementation to create and manage a bubble on the OpenMRS map
Atom Feed Module	A listing of changes in openmrs in atom feed form
Backports 1.4.x	Provides features required for modules designed for 1.5 to work in 1.4.x
Basic Example Module	Helps to start writing OpenMRS modules
Birt Reports	BIRT Reporting Module
Calculation	Provides a framework for OpenMRS developers to author simple or complex calculations to produce a patient summary
Chica	Driver module for CHICA (Child Health Improvement Thru Computer Automation)
chirdlutil	Contains utility methods and tables for CHIRDL (Child Health Improvement Research and Development Laboratory)
chirdlutilbackports	Contains data model extensions of openmrs used by CHIRDL (Child Health Improvement Research and Development Laboratory)
Cleaningvoided	It can be used to clean voided data from database.
Clinical Summary	[Unsupported] Very Basic OpenMRS patient clinical summary.

Current Module Repository

OpenMRS Module Repository

Module Name	Description
Access Log	Keeps a log of all encounter records.
add gutter item Module	This module adds a gutter item to the OpenMRS interface.
Address Hierarchy	Allows for the creation of address hierarchies.
Address Hierarchy Rwanda	Allows for the creation of address hierarchies by default Rwanda.
App Framework Module	Framework support that you can see.
Appointment	Appointment Management provider appointment.
Appointment Scheduling	Module for scheduling managing provider.
App UI Module	Support for using the UI Framework.
ATD	Takes a database Turnaround Document.
Atlas Module	The Atlas Module implementation the OpenMRS.
Atom Feed Module	A listing of character.
Backports 1.4.x	Provides features to work in 1.4.x.
Basic Example Module	Helps to start with.
Birt Reports	BIRT Reporting.
Calculation	Provides a framework author simple.
Chica	Driver module for Thru Computer.
chirdlutil	Contains utility Health Improvement.
chirdlutilbackports	Contains data by CHIRDL (Child Development).
Cleaningvoided	It can be used to clean voided data from database.
Clinical Summary	[Unsupported] Very Basic OpenMRS patient clinical summary.

Atlas Module Module

Version	1.1
Require OpenMRS Version	1.7.4
Module Last Changed	By wydlif on 2013-01-25 13:42:57.0
Homepage	https://wiki.openmrs.org/x/O4F1AQ
Description	The Atlas Module provides a mechanism for an implementation to create and manage a bubble on the OpenMRS Atlas (http://openmrs.org/atlas/) directly from their OpenMRS server.

[Download](#)
[Edit Module](#)
[Download Statistics](#)
[View Screenshots](#)

All Versions

	Version	OpenMRS Requirement	Description
Download Edit	1.1	1.7.4	The Atlas Module provides a mechanism for an implementation to create and manage a bubble on the OpenMRS Atlas.
Download Edit	1.0	1.6.0	The Atlas Module provides a simple mechanism for OpenMRS implementations to join the OpenMRS Atlas.

Current Module Repository

What is the best way to
organize and present
our collection of
modules?

Module Repository

- Discovery
- Usability
- Support
- Integration

Module Repository

- Discovery Finding new modules
- Usability Understanding what a module does
- Support Learning and getting help
- Integration Built-in to preexisting tools

Contains data model extensions of openmrs used byCHIRDL (Child Health Improvement Research and Deve

It can be used to clean voided data from database.

[Unsupported] Very Basic OpenMRS patient clinical summary.

Atlas Module Module

Version 1.1

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Current Module Repository

- Discovery?
- Usability?
- Support?
- Integration?

OpenMRS Module Repository

This repository is a central place for developers and users when looking for and hosting modules.
Developers: [Module documentation](#) and [Example code](#).

Find Modules

List All Modules

Module Installation Guide

Add a Module

Module Download Statistics

Module Repository RSS Feed

OpenMRS is providing links to these modules as a courtesy, and makes no representations regarding the modules or any information related there to. Any questions, complaints or claims regarding the modules must be directed to the appropriate module vendor. See our [Forum](#) for other support information and contacts.

2007

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2007



2013: Lots of Ideas

- Name
- Description
- Author/owner
- Support level
- Support information (info on how to get support for a given module)
- Links to source, documentation
- Version Compatibility -- OpenMRS (of course)
- Module ID
- Fuzzy/partial search by name, module id, etc (e.g. "sharing" --> MDS, "uifr" -> "UI Framework (module id: uiframework)")
- Works with legacy OpenMRS installs (install from application)
- check for updates
- install updated version
- search / add new module from repo
- deliverable: what it will take for this to be done, or actually implementing it
- probably an alpha release (as a mid-summer progress update) won't have to have this function working
- Access old/previous versions
- OpenMRS ID compatibility is a plus
- Download statistics
- Screenshots
- RSS feed (of what content?)
- Module logos
- Tagging
- Rating & Reviews (version-based)
- Deploy to repo as part of release process (e.g. maven)
- Module "collections" or "sets" recommended by people? (i.e. download modules from this specific list to achieve X or do Y)
- Version Compatibility
- OpenMRS (of course)
- dependent and/or "aware-of" modules
- consider first version of this as something configured by hand / entered in by module author
- would be nice to grok the pom and/or config.xml for this info
- Version compatibility with OpenMRS
- I'm on omrs 1.7, what modules can I use?
- I'm looking at MDS 1.2, can I see a table of compatible omrs versions?

Build a more **flexible** and **maintainable** Module
Repository that provides new **usability** and
utility for implementers and developers.

Build a more **flexible** and **maintainable** Module Repository that provides new **usability** and **utility** for implementers and developers.

- Writing a new Module Repository, from scratch
- Scaled-down OpenMRS frameworks: Grails, Groovy, Hibernate
- Decoupled REST backend & AngularJS frontend
- New UI with OpenMRS 2.0 style conventions

[demo]

<http://modulus.herokuapp.com/>

Short-Term Goals

- Replace the current Module Repository
- Release, get community input & help

Long-Term Goals

- Ranking, reviews, curation for implementers
- Integration with OpenMRS SDK
- Vehicle for new OpenMRS developers
- ???

Questions?



- Mailing List — modrepo@openmrs.org
- Wiki Project — <http://go.openmrs.org/modulerepositoryproject>
- JIRA — <https://tickets.openmrs.org/browse/MOD>
- Github —
[elliottwilliams/openmrs-contrib-modulus](https://github.com/elliottwilliams/openmrs-contrib-modulus)
[elliottwilliams/openmrs-contrib-modulus-ui](https://github.com/elliottwilliams/openmrs-contrib-modulus-ui)