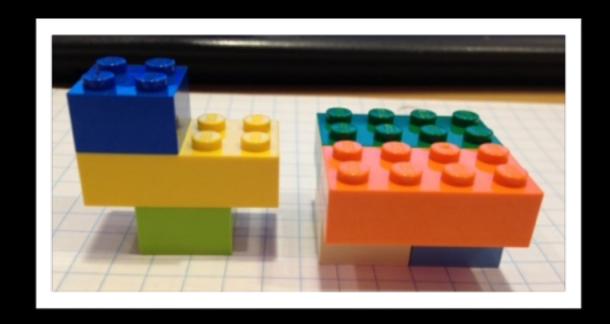
Building the OpenMRS Module Repository, 2.0

Elliott Williams

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 athe 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 theOpe
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 pa
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 La
chirdlutilbackports	Contains data model extensions of openmrs used byCHIRDL (Child Health Improvement Research and Deve
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 Reposit

Module Name	Description		
Access Log	Keeps a log of a encounter recor	•	Atlas Modu
add gutter item Module	This module add		Version
Address Hierarchy	Allows for the e		Require OpenMR
Address Hierarchy Rwanda	Allows for the e by default Rwar		Module Last Cha Homepage
App Framework Module	Framework supp that you can see		Description
Appointment	Appointment M provider appoin		Download
Appointment Scheduling	Module for sche managing provi		
App UI Module	Support for usir UI Framework		
ATD	Takes a databas Turnaround Doc		All Versions
Atlas Module	The Atlas Modu implementation theOpe		Vo Download Edit 1.
Atom Feed Module	A listing of char		
Backports 1.4.x	Provides feature to work in 1.4.x		Download Edit 1.
Basic Example Module	Helps to start w		
Birt Reports	BIRT Reporting		
Calculation	Provides a fram author simple o		
Chica	Driver module f Thru Computer		
chirdlutil	Contains utility Health Improve		
chirdlutilbackports	Contains data n byCHIRDL (Chil Deve		
Cleaningvoided	It can be used to	clean voided data	from database.
Clinical Cummons	[Ungunported] Vo	ni Basis Ones MD	C nationt elicies!

Clinical Summary



Atlas Module Module

Version 1.1 Require OpenMRS Version 1.7.4

Module Last Changed By wyclif on 2013-01-25 13:42:57.0 Homepage https://wiki.openmrs.org/x/04F1AQ

The Atlas Module provides a mechanism for an implementation to create and manage a bubble on the

Home | Search | List | Add Module | Statistics | Help

OpenMRS Atlas (http://openmrs.org/atlas/) directly from their OpenMRS server.

Edit Module Download Statistics View Screenshots

All Versions

[Unsupported] Very Basic OpenMRS patient clinical

summary.

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 theOpe
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

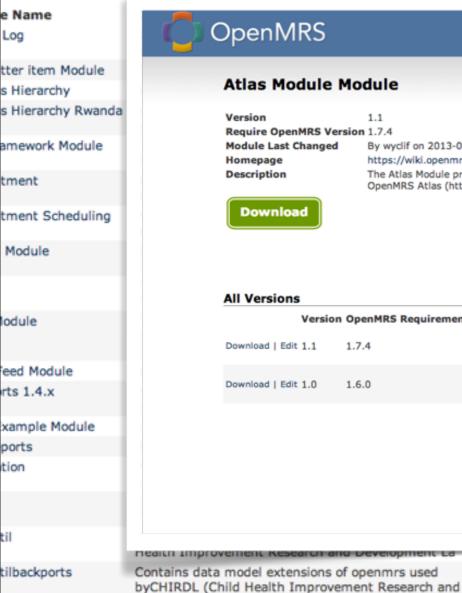
Support Learning and getting help

Integration Built-in to preexisting tools

nMRS

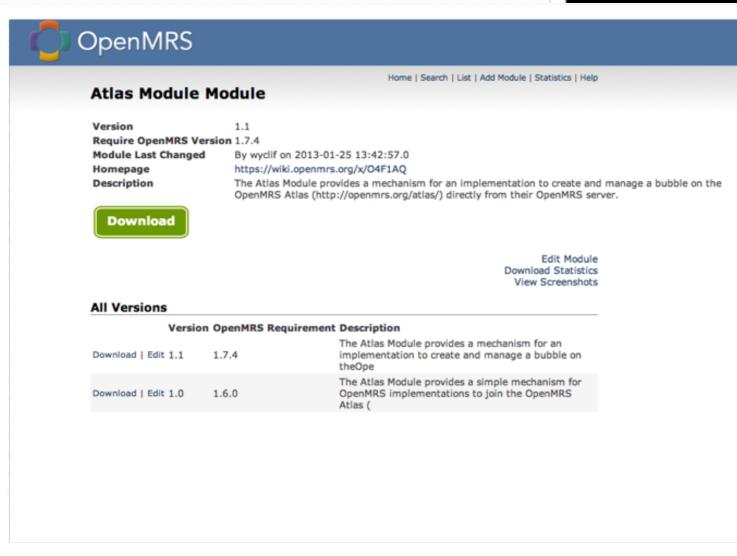
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nMRS Module Repository



igvoided

Summary



It can be used to clean voided data from database.

[Unsupported] Very Basic OpenMRS patient clinical

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

Current Module Repository



Home | Search | List | Add Module | Statistics | Help

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	
	Search
List All Modules	
Module Installation Guide	
Add a Module	
Module Download Statistics	
Module Repository RSS Feed 6	<u> </u>

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



Home | Search | List | Add Module | Statistics | Help

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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 —
 <u>elliottwilliams/openmrs-contrib-modulus</u>
 <u>elliottwilliams/openmrs-contrib-modulus-ui</u>