

# Release Notes 1.9.0 RC

March 8th, 2012

This version of OpenMRS is a prerelease and not considered worthy for production use. Its function is to give users an idea of what to expect in the upcoming major release (1.9.0) and help discover any possible bugs.

## What's new since 1.9 Beta?

OpenMRS 1.9.0 RC has a number of bug fixes made in the past couple of weeks in the core application and some bundled modules like reporting and form entry. It also has a new link "Getting Started with OpenMRS" under the help page which points to the OpenMRS guide book. Check below for the complete listing of the bug fixes in the core application. You can [download](#) OpenMRS 1.9 RC to try/test it.

We do *not* recommend using this in a production environment!

## Community Input

We welcome any user to [download](#) OpenMRS 1.9.0 RC and try it out, give us feedback, and potentially bug reports on this release. We especially ask current users try this version out on their own database and with their custom modules.

Even if you don't have time to do any thorough testing, we'd really appreciate it if you can upgrade a copy of your database to the 1.9 data model, and report on any errors than may occur in the upgrade script.

If a new bug is found, send an email to one of the [mailing lists](#) or [create a new JIRA ticket](#) (click upper right icon) Signup for an [OpenMRS ID](#)

## Thanks!

A huge thanks to the 67 people that have contributed to the code base and helping us to get this far:

ashishmittal, abbas, amala, asgoyal, rubailly, ajanthan, openbala, gbalaji, bwolfe, bobcstrick, burke, duality72, cliff.mcintosh, corey.sobel, dkayyiwa, djazayeri, diptanuc, bisanthe, gbathla, gauravpaliwal, gobi, goutham, grwarren, deuts20h, harsha, arbaughj, jriley, jeffrey.leegon, jkeiper, jwmajors81, jportela, jtellez, kishoreyekkanti, lara.kellett, gmario, mogoodrich, mblanchette, mseaton, mohammad, monojit, mvorobey, nrubeka, peichenauer, pushkar, raff, arahulkmit, r.friedman, rowanseymour, sapna, sunbiz, scottmuc, shanakaf, sneha, sophiez, maurya, suho, sjmckee, stuartgunter, suneeth, surangak, tmdugan, cta, tabdelmaguid, upul, wyclif, zabilcm, zubair

Not to mention all the people that contributed in countless other ways to support this release and be a great part of the shaping of this release: pbiondich, mdowney, dawn.

## Download

OpenMRS 1.9.0 RC represents version 1.9.0. 26301

[Download OpenMRS 1.9 RC](#)

## Bundled Modules

These modules are bundled with the 1.9.0 RC openmrs.war download. They will be started automatically.

- Logic 0.5.2
- HTML Form Entry 1.9.0
- Reporting 0.7.0.1
- HTML Widgets 1.6.0
- Reporting Compatibility 1.5.6
- Serialization.xstream 0.2.5
- Xforms 4.0.9.1
- Patient Flags 1.3.4
- HTML Form Entry Extensions 0.9

## Changelog since 1.9 Beta

## Database

- Drop the not null person id constraint
- (Fixed)Change provider.retired to BOOLEAN
- (Fixed)Change provider\_attribute\_type.retired to BOOLEAN
- (Fixed)Change provider\_attribute.voided to BOOLEAN
- (Fixed)Change encounter\_role.retired to BOOLEAN
- (Fixed)Change encounter\_provider.voided to BOOLEAN
- Rename form\_resource table to preserve data; 20111010-1515 reference is for bleeding-edge developers and can be generally ignored
- Creating form\_resource table
- Add the not null person id constraint
- Add unique uuid constraint and attributes inherited from BaseOpenmrsData to the person\_merge\_log table
- Change merged\_data column type to CLOB in person\_merge\_log table
- Create clob\_datatype\_storage table

## Bugs

TRUNK-3128	1.9 needs to require logic 0.5.2 as a core module, and bundle it
TRUNK-3031	Liquibase changeset 20100426-1947 fails when upgrading from 1.6
TRUNK-2703	Can't create relationship from patient dashboard
TRUNK-2700	m2eclipse error: Plugin execution not covered by lifecycle configuration
TRUNK-3108	ORUR01 handler should find providers by personId, providerId, identifier and uuid
TRUNK-2704	Can't create relationships from new patient page
TRUNK-2998	Fonts on the OpenMRS Installation Wizard not consistent...
TRUNK-3115	Rename AdministrationService.validateInManualFlushMode, and refactor it and ValidateUtil
TRUNK-2697	Fix concept validator to allow duplicate concept names that are voided
TRUNK-259	HL7 privileges should also be included under the Role Management screen
TRUNK-2011	Control character in cookie value, consider BASE64 encoding your value
TRUNK-3005	ConceptValidator finds duplicate names only for the current system locale
TRUNK-251	Add delete (and retire?) for program states in the workflow
TRUNK-3059	Encounter.removeProvider and setProvider should void the EncounterProvider, not remove it
TRUNK-198	Small fixes for newpatient.form
TRUNK-1800	Locale does not work property when using "Become This User"
TRUNK-3066	deserializing a SerializedObject should pass on deserialization errors
TRUNK-3049	Ugly screen when upgrading to OpenMRS 1.9
TRUNK-3082	Missing label for an encounter with no visit on patient dashboard
TRUNK-3068	Patient Dashboard is slow to load
TRUNK-3083	Missing description when saving patient ids in cohort builder should give user friendly error message
TRUNK-3057	Creating concept mappings fails with legacy code
TRUNK-3078	Concept reference term auto compete is broken in IE
TRUNK-1962	Drug regimen "Scheduled Stop Date" not shown in regimen list or cannot stop regimen with future dates
TRUNK-3073	Fetching concept reference terms and map types by name should be case insensitive
TRUNK-2273	Avoid Duplicate Rows in Patient_State Table
TRUNK-3055	JspException thrown on clicking the Visits category under settings
TRUNK-3001	Add initialization/update wizard messages for languages other than english
TRUNK-37	Add logging table for merged patients
TRUNK-2198	Implement voiding of PersonNames

TRUNK-3029	Determine correct length for datatype and handler config hibernate properties
TRUNK-3060	Database setup wizard fails to complete
TRUNK-2589	Concept doesn't have flexible methods for getting a name by locale, type, and tags
TRUNK-3033	Force multipart and POST form settings in LongFreeTextFileUploadHandler getWidgetHtml method
TRUNK-222	Unable to find patients if their name is less than 3 characters
TRUNK-3036	TRUNK-3034 In the CustomDatatypeHandler interface, remove the render method
TRUNK-3034	Refactor CustomDatatype and CustomDatatypeHandler to make the interface simpler
TRUNK-2734	Refactor Form Resources to use Custom Datatypes
TRUNK-3035	TRUNK-3034 In the CustomDatatype interface, replace render method with a summary view method
TRUNK-3038	TRUNK-3034 FieldGenDatatypeHandler and WebDatatypeHandler should both extend a new interface
TRUNK-3039	TRUNK-3034 Refactor FormResource-related code to use the newly-refactored interfaces
TRUNK-3037	TRUNK-3034 Add DownloadableDatatypeHandler interface
TRUNK-3046	Liquibase uses wrong types in MySQL
TRUNK-3042	Duplicate message code within message.properties file
TRUNK-3058	Encounter.addProvider(EncounterRole, Provider) should prevent adding duplicate providers for the same role
TRUNK-1925	Support Multiple Databases in OpenMRS Installation and Update
TRUNK-2652	TRUNK-1925 Liquibase Updates Need to be Backward-Consistent, Yet Support All Databases
TRUNK-3053	ProviderService.getProviderByUuid(String) has a typo
TRUNK-39	Multiple providers per encounter
TRUNK-2064	cannot use multiple globalproperties portlets on a single page
TRUNK-1926	Current version of liquibase has bugs.
TRUNK-3032	Patient Merge Failed when records have the same identifier with the same identifier type
TRUNK-2330	Include the default locale constant value when getting locales in order
TRUNK-2381	Data Entry Statistics Module - Includes voided encounters and obs
TRUNK-1976	openmrs-lib-cache temp directories not being deleted
TRUNK-2912	Active visit portlet on dashboard should show date + time in a prettier way
TRUNK-3041	Fix build on JDK7
TRUNK-2621	TRUNK-1925 Installation Wizard Should Automatically Select Correct Hibernate Dialect
TRUNK-3040	OpenMRS ENGLISH to SINHALA-Language Localization
TRUNK-2347	Revision Number Not Indicated In Web Application
TRUNK-2986	Get rid of the authentication step during test installation
TRUNK-3003	User should get redirected back to the remote details setup page when authentication fails
TRUNK-1829	Cannot save PersonAttributes of type User
TRUNK-2896	change functionality of isObsGrouping method to return hasGroupMembers(true) instead of hasGroupMembers(false)
TRUNK-438	Add a "Settings" page and Rename Manage Global Properties page
TRUNK-2272	EL functions defined in modules are not accessible

TRUNK-2971	Add Allergy dialog box should show date picker widget for selecting the start date
TRUNK-3019	jQuery not defined error
TRUNK-3015	Event Listeners duplicated at Spring restart
TRUNK-2804	Include a link to the documentation sprint book on the help page
TRUNK-2818	Persian Translation
TRUNK-2916	EncounterValidator should prevent creation of encounters with encounterDatetime in the future
TRUNK-2907	HibernateEnumType not finding module methods
TRUNK-2992	Bad module prevents OpenMRS from starting entirely
TRUNK-1763	Make delete more obvious on global property page
TRUNK-2674	Patient is unintentionally deleted while replacing his/her drug regimen from the regimen tab of the dashboard
TRUNK-2393	Add AOP around save methods to invoke validators
TRUNK-2981	Cannot save relationship type views
TRUNK-2964	Cannot save program workflow

See ? Release Notes for 1.9 Beta, and Release Notes for 1.9.0 Alpha for other changes made since 1.8.