

OpenMRS-core 2.1.0-beta Release Notes

Release Date: Friday, April 7, 2017



This version of OpenMRS Core is a pre-release and is not ready for production use. Its purpose is to give users an idea of what to expect in the upcoming release and help discover any possible obscure new bugs.

What's New

Some interesting features in the 2.1 line will be:

- Support for *status* (e.g. for recording preliminary lab results) and *interpretation* (e.g. for marking a test result as abnormal)
- Enhancements to the data model for Cohorts, to add a start date and end date
- Faster patient searches (using Lucene under the hood)
- Loosening restrictions on merging patients who have orders
- Simple approach for developers to add caches programmatically

We expect that 2.1.x will be the first *non-LTS* release, where we only release openmrs-core to maven for developers, and don't do a full OpenMRS Platform release. Read more about this means in the (future) release notes final release.

Download

Get it at https://sourceforge.net/projects/openmrs/files/prereleases/OpenMRS_Core_2.1.0_Beta/

Feedback Welcome!

As always, we look forward to getting your feedback about this release. Share your thoughts on <http://talk.openmrs.org>.

We would especially like review of these features:

- + [TRUNK-4906](#) - Expanded cohort details CLOSED
- + [TRUNK-4976](#) - Support obs.interpretation and obs.status, aligned with FHIR CLOSED
- + [TRUNK-4696](#) - SaveOrder method should throw more meaningful exceptions CLOSED

Data Model Changes since 2.0.0

- Add `unique_id` column to `concept_reference_source`
- Dropping foreign key constraint `member_patient`
- Dropping foreign key constraint `parent_cohort`
- Dropping primary key for `cohort_member`
- Adding column `cohort_member.cohort_member_id`
- Updating cohort member ids
- Adding primary key to `cohort_member.cohort_member_id`
- Adding auto increment property to `cohort_member.cohort_member_id`
- Adding column `cohort_member.start_date`
- Updating `cohort_start_date` with value `cohort.date_created`
- Adding column `cohort_member.end_date`
- Adding column `cohort_member.creator`
- Updating `cohort_member.creator` value
- Adding foreign key constraint to `cohort_member.creator`
- Adding column `cohort_member.date_created`
- Updating `cohort_member.date_created` with value `cohort.date_created`
- Adding column `cohort_member.voided`
- Adding `defaultValue` for `cohort_member.voided`
- Adding column `cohort_member.voided_by`
- Adding column `cohort_member.date_voided`
- Adding column `cohort_member.void_reason`
- Adding column `cohort_member.uuid`
- Generating UUIDs for all rows in `cohort_member` table via built in `uuid` function.
- Adding unique constraint to `cohort_member.uuid`
- Adding foreign key constraint to `cohort_member.cohort_id`
- Adding foreign key constraint to `cohort_member.patient_id`
- Dropping `defaultValue` for `cohort_member.cohort_id`
- Dropping `defaultValue` for `cohort_member.patient_id`
- Adding "date_changed" column to `concept_class` table
- Adding "changed_by" column to `concept_class` table

- Adding "date_changed" column to concept_reference_source table
- Adding "changed_by" column to concept_reference_source table
- Adding "date_changed" column to concept_name table
- Adding "changed_by" column to concept_name table
- Adding "date_changed" column to concept_name_tag table
- Adding "changed_by" column to concept_name_tag table
- Adding "date_changed" column to form_resource table
- Adding "changed_by" column to form_resource table
- Adding "date_changed" column to global_property table
- Adding "changed_by" column to global_property table
- Adding "date_changed" column to patient_identifier_type table
- Adding "changed_by" column to patient_identifier_type table
- Adding "date_changed" column to relationship_type table
- Adding "changed_by" column to relationship_type table
- Adding "status" column to obs table
- Adding "interpretation" column to obs table
- Modify column length of obs.value_complex to 1000 from 255

Ticket Statuses at the time of the Beta release

Issue Type	Key	Summary	Status
New Feature	TRUNK-5123	getConceptByName should immediately return concept if only one matching concept	Waiting on Information
New Feature	TRUNK-5109	Enhance ObsService to provide getRevisionObs	Closed
New Feature	TRUNK-5077	AbstractHandler#purgeComplexData(Obs) should return true when file is missing from disk	Closed
New Feature	TRUNK-5012	Ability to limit lucene patient search by identifier to a particular identifier type	Closed
New Feature	TRUNK-4980	Enable hibernate second level cache for org.openmrs.Privilege	Closed
New Feature	TRUNK-4976	Support obs.interpretation and obs.status, aligned with FHIR	Code Review (Post-Commit)
New Feature	TRUNK-4975	Making Family name as Optional	Closed
New Feature	TRUNK-4971	Add caches programmatically	Closed
New Feature	TRUNK-4964	ComplexObsHandlers should support complex data encoded as text	Closed
New Feature	TRUNK-4947	Add ConceptService.getConceptSourceByHL7Code	Closed
New Feature	TRUNK-4941	Add ModuleUtil.isOpenmrsVersionInVersions()	Closed
New Feature	TRUNK-4936	Add ConceptSource.uniqueId	Closed
New Feature	TRUNK-4935	Remove a TODO in code about refactoring ProgramWorkflowService.getPatientPrograms()	Closed
New Feature	TRUNK-4933	Create pull request to remove TODO comments from core code	Closed
New Feature	TRUNK-4931	Remove a TODO in code about notifying on global property name changes	Closed
New Feature	TRUNK-4930	Remove a TODO in the code about AdministrationService.getPresentationLocales() return type	Closed
New Feature	TRUNK-4928	Remove code TODO about interface OpenmrsMetadata should support localized names and descriptions	Closed
New Feature	TRUNK-4906	Expanded cohort details	In Progress
New Feature	TRUNK-4696	SaveOrder method should throw more meaningful exceptions	Code Review (Post-Commit)
New Feature	TRUNK-4673	Add support for init parameters for module servlets	Closed
New Feature	TRUNK-4668	When a module is started, all its dependent modules should be started	Closed

New Feature	TRUNK-3675	Cache results from getSearchLocales()	Closed
New Feature	TRUNK-2698	Allow admins to view and edit all concept names	Closed
New Feature	TRUNK-2038	Update the simple order jsp pages to work with the new attributes	Closed
New Feature	TRUNK-2004	Ignore blank person addresses on the patient forms	Closed
New Feature	TRUNK-1916	Code coverage and Test report for OpenMRS	Closed
New Feature	TRUNK-1873	Regression Test OpenMRS with Apache Tomcat 7.	Closed
New Feature	TRUNK-1682	Add maven module for checkstyle	Closed
New Feature	TRUNK-425	Use Hibernate Search with Apache Lucene for Patient Searches	Closed
New Feature	TRUNK-423	End-User-Friendly Patient Matching and de-duplication in the core application	Closed
New Feature	TRUNK-362	HL7 message routing improvements	Closed
Story	TRUNK-5010	In some cases it should be possible to merge patients even if both have active orders	Closed
Story	TRUNK-4943	Failing to start the server due to CacheManager issue	Closed
Bug	TRUNK-5120	Unable to modify/edit a Program from OpenMRS admin	Closed
Bug	TRUNK-5079	Fix HL7UtilTest failure on OpenJDK 7	Closed
Bug	TRUNK-5078	Remove velocity.log files	Closed
Bug	TRUNK-5075	EncounterTest random failures	Closed
Bug	TRUNK-5071	Fix performance of get concepts by mapping	Closed
Bug	TRUNK-5066	Add tests to ConceptServiceImpl	Closed
Bug	TRUNK-5058	Extract private method in ObsServiceImpl.saveExistingObs	Closed
Bug	TRUNK-5056	Use apache StringUtils in OrderSetServiceImpl	Closed
Bug	TRUNK-5044	Use platform agnostic newlines in string formatting	Closed
Bug	TRUNK-5038	Replace StringBuffer with StringBuilder	Closed
Bug	TRUNK-5036	HibernateConceptDAO.getConceptByName() method logs incorrect warning message	Closed
Bug	TRUNK-5035	Use Boolean.valueOf to test strings	Closed
Bug	TRUNK-5030	Collection.isEmpty() should be used to test for emptiness	Closed
Bug	TRUNK-5024	Accepting more characters for observation value of type Text	Closed
Bug	TRUNK-5021	AllergenType includes some invalid options	Closed
Bug	TRUNK-5019	Error Scenario in Obs Save : New child Obs not saving when entire Obs group is updated	Closed
Bug	TRUNK-5018	defaultLocale property of User is not updated to Context when the user is logged in	Closed
Bug	TRUNK-5017	Encounter.removeProvider fails if same provider has already been removed once before	Closed

Bug	TRUNK-5016	Weak password message is not translated while the exception is raised	Closed
Bug	TRUNK-5009	Set HttpOnly for JSESSIONID cookie	Closed
Bug	TRUNK-5005	ModuleFactoryTest Error	Closed
Bug	TRUNK-4984	TextHandler does not work	Closed
Bug	TRUNK-4978	Another CacheManager with same name 'apiCache' already exists in the same VM	Closed
Bug	TRUNK-4977	ImageHandler.saveObs(Obs) to close outfile	Closed
Bug	TRUNK-4973	Saving Existing Obs will not update formNamespaceAndPath	Closed
Bug	TRUNK-4970	Obs retrieval from the encounter should maintain the same order in which it is added	Closed
Bug	TRUNK-4968	Non empty database should not fail when finishing database setup	Closed
Bug	TRUNK-4967	NPE in HibernateConceptDAO.isConceptNameDuplicate	Closed
Bug	TRUNK-4965	Encounter with complex obs throws NullPointerException on save	Closed
Bug	TRUNK-4959	Clean Hibernate session after applying liquibase changesets	Closed
Bug	TRUNK-4957	Code cleanup: remove duplication in getApplicationDataDirectory	Closed
Bug	TRUNK-4949	Patient Merge - HibernatePatientDAO - getDuplicatePatientsByAttributes - Not performing on large database	Closed
Bug	TRUNK-4945	Adding setmember to concept with retired set members either does not get added up or gets added in the wrong position	Closed
Bug	TRUNK-4940	Obs validator validates for empty value in parent obs which is to be voided	Closed
Bug	TRUNK-4939	VisitValidator should ensure that the visit start date can't be before the birth date of the patient	In Progress
Bug	TRUNK-4938	ConceptService.getConceptSourceByName privilege annotation wrong	Closed
Bug	TRUNK-4937	Saving a visit should not cascade to encounters associated to it	Closed
Bug	TRUNK-4927	Remove a TODO in code about config parameter from DatatypeService.getDatatype	Closed
Bug	TRUNK-4926	Remove a TODO in code about PatientIdentifierType.toString() returning a more "debug-worthy" string	Closed
Bug	TRUNK-4925	Copy patient specific attributes on Patient() constructor	Closed
Bug	TRUNK-4923	Remove TODOs from code about addAttribute() needs validation	Closed
Bug	TRUNK-4922	ConceptDAO filters concepts only if results were found by fullTextQuery	Closed
Bug	TRUNK-4918	Remove unused classes and files	Closed
Bug	TRUNK-4915	Concept validator should require datatype and conceptClass fields	Closed
Bug	TRUNK-4913	Concept.hbm.xml not-null on optional changedBy	Closed
Bug	TRUNK-4912	BaseOpenmrsData creator, dateCreated, uuid should be not updatable	Closed
Bug	TRUNK-4902	HibernateOrderDAO exception uses wrong message code	Closed
Bug	TRUNK-4879	NullPointerException at org.openmrs.api.customdatatype.datatype.ConceptDatatype#doGetTextSummary	Closed

Bug	TRUNK-4875	Add unit test for findPossibleValues method of Concept Class	Closed
Bug	TRUNK-4869	Should not be able to set birth or death dates later than present date	Closed
Bug	TRUNK-4867	Do not allow person/patient to have death date before birth date	Closed
Bug	TRUNK-4865	HL7ServiceImpl#resolveUserId should search for users by person name	Code Review (Post-Commit)
Bug	TRUNK-4851	Error in unit test of PatientServiceTest class	Closed
Bug	TRUNK-4850	Module.getExtensions() does not call Module.expandExtensionNames() appropriately	Closed
Bug	TRUNK-4849	NullPointerException at org.openmrs.util.Format#format(Date, Locale, Format.FORMAT_TYPE)	Closed
Bug	TRUNK-4848	NullPointerException at org.openmrs.web.WebUtil#normalizeLocale()	Closed
Bug	TRUNK-4813	SQLException during the initial setup on MySQL 5.7	Closed
Bug	TRUNK-4776	Incorrect Global Properties for CIEL	Closed
Bug	TRUNK-4720	Encounter search will not match on id unless it contains digits	Closed
Bug	TRUNK-4678	ModuleActivatorTest shouldStopDependantModulesOnStopModule fails randomly	Closed
Bug	TRUNK-4539	Object validation should enforce maximum length based on column length constraints in the DB	Closed
Bug	TRUNK-4093	Forms should not be required in HL7 ORU^R01 messages	Closed
Bug	TRUNK-4018	Initial Setup (installer) sits at 100% too long before actually finishing	Closed
Bug	TRUNK-2877	Don't set password values in the UI in the installation wizard	Closed
Bug	TRUNK-2689	Some times empty demographics tab on patient dashboard	Closed
Bug	TRUNK-1	Limited number of trees in the world	In Progress
Task	TRUNK-5140	increase the size of the obs.value_complex column to be ~1000	Code Review (Post-Commit)
Task	TRUNK-5085	Merge checkstyle rules with google's	Closed
Task	TRUNK-5081	Update checkstyle maven plugin	Closed
Task	TRUNK-5080	Reorganize checkstyle	Closed
Task	TRUNK-5070	Convert xml spaces into tabs for indents	Closed
Task	TRUNK-4974	Create platform for SDK	Closed
Task	TRUNK-4962	Remove outdated UI test code	Closed
Task	TRUNK-4958	Refactor OpenmrsUtil.copyFile	Closed
Task	TRUNK-4904	Incorrect message code in Order Validator	Closed
Task	TRUNK-4870	Add Unit tests for ModuleUtil.expandJar(File, File, String, boolean)	Closed
Task	TRUNK-4863	Add github pull request template	Closed
Task	TRUNK-4856	Adding more unit test for ConceptTest and PatientServiceTest	Closed
Task	TRUNK-4855	Adding more unit test for Person.java	Closed

Task	TRUNK-4730	Verify that all relevant domain objects have changed_by and date_changed fields	Closed
Task	TRUNK-3638	Separate liquibase file into separate files per version	Closed
Task	TRUNK-3459	Implement release tests for manage modules	Closed
Sub-task	TRUNK-5002	TRUNK-324 Remove commented code about Re-write the hashCode() method	Closed
Sub-task	TRUNK-5001	TRUNK-324 Remove code comment about Eliminate unnecessary methods	Closed
Sub-task	TRUNK-4999	TRUNK-324 Remove code TODO about Should take care of the case where the user is using removable media	Closed
Sub-task	TRUNK-4998	TRUNK-324 Remove code comments about Fail if minOccurs is greater than 1	Closed
Sub-task	TRUNK-4997	TRUNK-324 Remove code comment about Add a global property that enables different behavior here	Closed
Sub-task	TRUNK-4994	TRUNK-324 Remove TODO comment and deprecate method	Closed
Sub-task	TRUNK-4992	TRUNK-324 Remove code comment about Add changedBy and DateChanged columns to table patient_identifier_type	Closed
Sub-task	TRUNK-4991	TRUNK-324 Remove TODO comments about Check patient has at least one "sufficient" identifier	Closed
Sub-task	TRUNK-4989	TRUNK-324 Remove commented code about Throw an exception if there is no location to fall back on	Closed