

Core Release Notes 2.1.0

Note: This release requires Java 1.8 and above.

Release Date: April 28, 2017



This is not a full release of the OpenMRS Platform, and it will not get Long Term support. It is intended for production use, but only if you are a developer who wants to always use a cutting-edge release of openmrs-core.

What's New

OpenMRS Core 2.1.0 includes many interesting features:

- Support for *observation status* (e.g. for recording preliminary lab results) and *observation 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 to cohort memberships
- Faster patient searches (using Lucene under the hood)
- Loosening restrictions on merging patients who have orders
- Simple approach for developers to add caches programmatically

This is the first *non-LTS* release of OpenMRS Core. Read more about that here (TODO).

Thanks to the 49 developers whose code was included in this release: Adam Grzybkowski, Angello Astorga martin, Bharat Akkinipalli, Bo Brinkman, Collin Grimm, Daniel Kayiwa, Darius Jazayeri, Dengfeng Li, Dimitri Renault, Dominik Schwarz, Gautam Sidharth N, harisu fanyui, Howard Francis, Ira Lauer, Ivange Larry, Ivo Ulrich, Jai Tatia, James Mitchell, Jessica Ern, Kartik Iyer, Leszek Kukieka, Maciej Januchowski, Manuela Lidia Grindei, Michael Hofer, Michal Slawinski, Mukesh Mukesh, Pawe Gutkowski, Piyush Kundnani, Prabodh Kotasthane, pralay ramteke, Pratik Patel, Preethi S, Rafal Korytkowski, Rahul Ruikar, Reuben Varghese, Sam Shuster, Sanatt Abrol, shravan ramamuthy, shruthi pitta, sravanthi narahariseti, Stephen Senkomago Musoke, Suman Maity, Sumant Sabada, tadeo taremwa, tendo kiiza Martyr, Venkata Jaswanth U, Vishnu Mechineni, Wolf Schlegel, and Yusuf Karim.

Database Changes

- 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 default value 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 default value for cohort_member.cohort_id
- Dropping default value 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

New Features

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
TRUN K-5140	increase the size of the obs.value_complex column to be ~1000	✓	2017-04-04	2017-04-27		shruthi pitta [X]	shruthi pitta [X]	🔴	CLOSED	Fixed
TRUN K-5085	Merge checkstyle rules with google's	✓	2017-03-02	2017-04-17		Ivo Ulrich	Ivo Ulrich	🔴	CLOSED	Fixed
TRUN K-5081	Update checkstyle maven plugin	✓	2017-02-28	2017-04-17		Ivo Ulrich	Ivo Ulrich	🔴	CLOSED	Fixed
TRUN K-5080	Reorganize checkstyle	✓	2017-02-28	2017-04-17		Ivo Ulrich	Ivo Ulrich	🔴	CLOSED	Fixed
TRUN K-5070	Convert xml spaces into tabs for indents	✓	2017-02-22	2017-02-22		Daniel Kayiwa	Daniel Kayiwa	🔴	CLOSED	Fixed
TRUN K-5010	In some cases it should be possible to merge patients even if both have active orders	📌	2017-01-11	2017-02-08		Sidharthan A N	Sidharthan A N	🔴	CLOSED	Fixed
TRUN K-5002	Remove commented code about Re-write the hashCode() method	📌	2016-12-28	2017-03-03		tendo kiiza Martyn	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-5001	Remove code comment about Eliminate unnecessary methods	📌	2016-12-28	2017-03-03		Collin Grimm [X]	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4999	Remove code TODO about Should take care of the case where the user is using removable media	📌	2016-12-28	2017-03-03		Collin Grimm [X]	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4998	Remove code comments about Fail if minOccurs is greater than 1	📌	2016-12-28	2017-03-03		Piyush Kundnani	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4997	Remove code comment about Add a global property that enables different behavior here	📌	2016-12-28	2017-03-03		Yusuf Karim	Collin Grimm [X]	🔵	CLOSED	Fixed
TRUN K-4994	Remove TODO comment and deprecate method	📌	2016-12-28	2017-03-03		Jai Tatia [X]	Collin Grimm [X]	🔵	CLOSED	Fixed
TRUN K-4992	Remove code comment about Add changedBy and DateChanged columns to table patient_identifier_type	📌	2016-12-28	2017-03-03		tendo kiiza Martyn	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4991	Remove TODO comments about Check patient has at least one "sufficient" identifier	📌	2016-12-28	2017-03-03		Collin Grimm [X]	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4989	Remove commented code about Throw an exception if there is no location to fall back on	📌	2016-12-28	2017-03-03		Yusuf Karim	Collin Grimm [X]	🔴	CLOSED	Fixed
TRUN K-4974	Create platform for SDK	✓	2016-11-28	2016-12-19		Adam Grzybkowski	Rafal Korytkowski	?	CLOSED	Fixed
TRUN K-4962	Remove outdated UI test code	✓	2016-10-11	2016-11-30		Leszek Kukieka	Bo Brinkman [X]	🔴	CLOSED	Fixed
TRUN K-4958	Refactor OpenmrsUtil.copyFile	✓	2016-10-09	2017-01-05		Leszek Kukieka	Ivo Ulrich	🔴	CLOSED	Fixed

TRUN K-4943	Failing to start the server due to CacheManager issue		2016-09-16	2017-03-27	Rafal Korytkowski	Rafal Korytkowski		CLOSED	Fixed
TRUN K-4904	Incorrect message code in Order Validator		2016-07-18	2016-08-04	Rahul Ruikar	Darius Jazayeri [X]		CLOSED	Fixed

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Bug Fixes

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
TRUN K-5145	Form name and retire_reason field sizes in database should match hibernate		2017-04-14	2017-04-16		Daniel Kayiwa	Daniel Kayiwa		CLOSED	Fixed
TRUN K-5144	saving a coded concept throws exception		2017-04-11	2017-04-27		shruthi pitta [X]	shruthi pitta [X]		CLOSED	Fixed
TRUN K-5120	Unable to modify/edit a Program from OpenMRS admin		2017-03-21	2017-04-07		Suman Maity	shruthi pitta [X]		CLOSED	Fixed
TRUN K-5079	Fix HL7UtilTest failure on OpenJDK 7		2017-02-28	2017-02-28		Daniel Kayiwa	Daniel Kayiwa		CLOSED	Fixed
TRUN K-5078	Remove velocity.log files		2017-02-27	2017-04-17		Ivo Ulrich	Ivo Ulrich		CLOSED	Fixed
TRUN K-5075	EncounterTest random failures		2017-02-26	2017-02-26		Reuben Varghese	Reuben Varghese		CLOSED	Fixed
TRUN K-5071	Fix performance of get concepts by mapping		2017-02-22	2017-10-14		Rafal Korytkowski	Mark Goodrich		CLOSED	Fixed
TRUN K-5066	Add tests to ConceptServiceImpl		2017-02-20	2017-04-17		Sanatt Abrol	Ivo Ulrich		CLOSED	Fixed
TRUN K-5058	Extract private method in ObsServiceImpl. saveExistingObs		2017-02-17	2017-04-17		Unassigned	Ivo Ulrich		CLOSED	Fixed
TRUN K-5056	Use apache StringUtils in OrderSetServiceImpl		2017-02-16	2017-04-17		shravan ramamuthy	Ivo Ulrich		CLOSED	Fixed
TRUN K-5044	Use platform agnostic newlines in string formatting		2017-02-16	2017-04-17		Sanatt Abrol	Ivo Ulrich		CLOSED	Fixed
TRUN K-5038	Replace StringBuffer with StringBuilder		2017-02-15	2017-04-17		Sanatt Abrol	Ivo Ulrich		CLOSED	Fixed
TRUN K-5036	HibernateConceptDAO.getConceptByName() method logs incorrect warning message		2017-02-14	2017-02-22		Sanatt Abrol	David Ely		CLOSED	Fixed
TRUN K-5035	Use Boolean.valueOf to test strings		2017-02-14	2017-04-17		Unassigned	Ivo Ulrich		CLOSED	Fixed
TRUN K-5030	Collection.isEmpty() should be used to test for emptiness		2017-02-14	2017-04-17		Reuben Varghese	Ivo Ulrich		CLOSED	Fixed
TRUN K-5026	Fix startup methods that cause parallel tests to fail		2017-02-05	2017-05-02		Daniel Kayiwa	Daniel Kayiwa		CLOSED	Fixed
TRUN K-5024	Accepting more characters for observation value of type Text		2017-02-02	2017-04-19		sravanthi naraharisetti [X]	sravanthi naraharisetti [X]		CLOSED	Fixed
TRUN K-5021	AllergenType includes some invalid options		2017-01-31	2017-02-07		Ira Lauer	Darius Jazayeri [X]		CLOSED	Fixed

TRUN K-5019	Error Scenario in Obs Save : New child Obs not saving when entire Obs group is updated		2017-01-23	2017-04-19		Mukesh Mukesh	Mukesh Mukesh		CLOSED	Fixed
TRUN K-5017	Encounter.removeProvider fails if same provider has already been removed once before		2017-01-20	2017-03-23		Jai Tatia [X]	Mark Goodrich		CLOSED	Fixed

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Other

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TRUN K-5140	increase the size of the obs. value_complex column to be ~1000		2017-04-04	2017-04-27		shruthi pitta [X]	shruthi pitta [X]		CLOSED	Fixed
TRUN K-5085	Merge checkstyle rules with google's		2017-03-02	2017-04-17		Ivo Ulrich	Ivo Ulrich		CLOSED	Fixed
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See the source code at [this tag](#) on GitHub.

Bundled Modules

This is a developer-only release, so it does not include any bundled modules.