

|  | 2023-4         |    |    |    | 2023-5 |    |    |    | 2023-6 |    |    |    | 2023-7 |    |    |    | 2023-8 |    |    |    | 2023-9 |    |    |    |    |    |  |  |
|--|----------------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|----|----|--|--|
|  | 14             | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22     | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34     | 35 | 36 | 37 | 38 | 39 |  |  |
| <b>EDIT</b>                                      |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| object graph returned by REST services can (...) |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Name export for JACQ                             |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Fauna Europaea Portal Release             |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Aggregate Distributions                          | In Progress 0% |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 3.12                              |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Derivate search is slow                          | Resolved 0%    |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 4.0                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Allow 3 ways of ordering in Taxon Navigator      | Feedback 70%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 4.7                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| import of references in specimen search          | Resolved 0%    |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement Representation csv import              | Resolved 60%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement ExportResult                           | Resolved 80%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement ImportResult                           | Resolved 0%    |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Import identifier for Nepenthaceae names         | Resolved 50%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement name cache for hybrid formulas         | Resolved 50%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Integrate Excel distribution import (...)        | Resolved 50%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - CDM UML 4.7                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement SchemaUpdateResult instead (...)       | Resolved 0%    |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 4.9                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Import Flora Hellenica                           | Resolved 70%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Implement simple Csv import framework            | Resolved 50%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 4.10                              |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Deleting media leads to inconsistent (...)       | Resolved 90%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Use short sec citation for misapplied (...)      | Resolved 50%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 5.0                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| Order areas in Distribution Selection (...)      | Resolved 90%   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |
| EDIT - Release 5.1                               |                |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |

EDIT

|   |                        |
|---|------------------------|
| Withheld unpublished taxa from webservice (...)         | Resolved 70%           |
| EDIT - Release 5.3                                      |                        |
| re-establish support for wildcard at (...)              | Feedback 50%           |
| EDIT - Release 5.4                                      |                        |
| [DISCUSS] Allow defining the vocabularies (...)         | Resolved 60%           |
| EDIT - Release 5.5                                      |                        |
| handle generated resources in eclipse (...)             | Feedback 50%           |
| EDIT - Euro+Med Migration                               |                        |
| E+M import Person titles contain Object.toSting() (...) | Resolved 0%            |
| [CHECK] Use last scrutiny instead of (...)              | Resolved 80%           |
| EDIT - Release 5.20                                     |                        |
| New reference with only the protected (...)             | Resolved 50%           |
| EDIT - Release 5.23                                     |                        |
| Improve formatting for reference type (...)             | Resolved 30%           |
| EDIT - Euro+Med TaxEditor issues                        |                        |
| Update name in source data when moving (...)            | New 0%                 |
| User friendly way to assign Authority (...)             | New 0%                 |
| Allow filtering by OriginalSourceType                   | New 0%                 |
| User with permission group 'Editor' (...)               | Feedback 50%           |
| EDIT - Euro+Med post migration                          |                        |
| Implement "Heismann Tool"                               | New 0%                 |
| Deleting taxa and stable IDs [DISCUSS]                  | New 0%                 |
| EDIT - Release 5.32                                     | EDIT -Release 5.32 99% |
| lucene index not updated in all cases (...)             | Resolved 100%          |
| EDIT - Euro+Med Portal Release                          |                        |
| sort order of search results broken (...)               | New 0%                 |
| order of map legend entries conforms (...)              | In Progress 0%         |
| EDIT - Unassigned CDM tickets                           |                        |
| Implement advanced search                               | New 0%                 |
| @Ignore removed from PersistentTermlnitializerTest      | In Progress 0%         |
| Discuss hybrids with 3 and 4 parents (...)              | New 0%                 |
| make name and location of ~/.cdmlibrary (...)           | New 0%                 |
| Check JodaTime and JAXB                                 | New 0%                 |
| TestingTermlnitializer & CdmIntegrationTest (...)       | New 0%                 |

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|---|-----------------|
| data portal front end for free text (...)         | New 0%          |
| favicon for algaterra                             | Feedback 0%     |
| Implement filtering and sorting for (...)         | New 0%          |
| rename "Polytomous Key" to "Single access (...)   | New 0%          |
| Correct multiple occurrences of basionym (...)    | New 0%          |
| Lucene search factory or builder implemented      | New 0%          |
| Configure hibernate in config file, (...)         | New 0%          |
| Don't show empty General Tab                      | Discussed 0%    |
| Supplemental data for Classification (...)        | New 0%          |
| Protologue media should also be displayed (...)   | New 0%          |
| Missing data and layout improvements (...)        | New 0%          |
| Implement correct undo actions when (...)         | New 0%          |
| H2 running in Server mode                         | Feedback 0%     |
| One click installer for TaxEditor                 | New 0%          |
| [MASTER] Setup testing framework for (...)        | In Progress 78% |
| Implement Tests for Polytomous (...)              | New 0%          |
| Implement Tests for Bulk Editor                   | New 0%          |
| @NotPartOf Annotation to exclude properties (...) | Feedback 0%     |
| use elasticsearch as search engine [DISCUSS]      | New 0%          |
| Implement abbreviated title in Dataportal         | New 0%          |
| Make orphaned taxa editable                       | New 0%          |
| multiple issues with de-duplication (...)         | New 0%          |
| Advanced Media DetailsView only implemented (...) | New 0%          |
| Evaluate publish flag for derivatives (...)       | New 0%          |
| Merge Supplemental Data section into (...)        | New 0%          |
| Reduce standard height of description (...)       | New 0%          |
| EntitySelectionElement for AgentBase.class (...)  | New 100%        |
| [DISCUSS] I18n for the EDIT platform              | New 15%         |
| Add orthographic variants to name & (...)         | New 0%          |
| [MASTER] Implement IntextReference                | New 46%         |
| Implement IntextReferences in TaxEditor           | In Progress 10% |
| [DISCUSS] add inner text to Intextreference (...) | New 0%          |
| zen_basetheme custom icon size intially (...)     | New 0%          |
| Redirect automatically to according (...)         | New 0%          |

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|--|----------------|
| Polytomous key list view needs right (...)           | New 0%         |
| Change user sets focus to empty login (...)          | New 0%         |
| Improve server availability check                    | New 0%         |
| use TaxonBase.getTaggedTitle to get (...)            | New 0%         |
| Implement less strict check for compatibility (...)  | New 0%         |
| consider update to openlayers 3.x                    | New 0%         |
| User interface to create a Remote Source             | New 0%         |
| Error handling for local managed server (...)        | New 0%         |
| image comparison for selenium screenshots (...)      | New 0%         |
| Change the label of "Set as basionym (...)           | In Progress 0% |
| Make "Set as basionym of homotypical (...)           | New 0%         |
| Evaluate CartoDB as alternative to (...)             | New 0%         |
| Investigate options to replace EDIT (...)            | New 0%         |
| translation, internationalization of (...)           | New 0%         |
| provide drupal installation profile (...)            | New 50%        |
| enable required i18n modules by (...)                | New 0%         |
| Multilanguage Support for TextData                   | New 0%         |
| Advanced Search filter to exlude Distributions (...) | New 0%         |
| Type information for same field unit (...)           | New 0%         |
| Add collector, field number and collection (...)     | New 0%         |
| Fix broken UTF-8 characters                          | New 0%         |
| Target Version select list hardly usable             | New 0%         |
| Remaining open issues for cdmlib-db                  | New 0%         |
| Name parser support for multiple hybrids             | New 0%         |
| [DISCUSS] Order of specimen details (...)            | New 0%         |
| Improve web site security                            | New 0%         |
| Implement ordering for CdmViewer menu (...)          | New 0%         |
| redmine inheritable issue categories                 | New 0%         |
| CdmEagerLoadingException after having (...)          | New 0%         |
| test for the name catalogue service                  | New 0%         |
| [Specimen Search] Restructure the table (...)        | New 0%         |
| [Specimen Search] TitleCache should (...)            | New 0%         |
| [Specimen Search] Import report should (...)         | New 0%         |
| Use lucene auto suggest functionality (...)          | New 0%         |

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|--|-------------|
| Improve session handling for TaxonNavigator (...)        | New 0%      |
| advanced taxon search offers filter (...)                | New 0%      |
| Refactor name editor to be based on (...)                | New 0%      |
| install gitolite   | New 0%      |
| Establish performance monitoring                         | New 0%      |
| Too many columns exception when selecting (...)          | New 0%      |
| Implement tests for OAuth2 in cdmlib-remote              | New 0%      |
| Make the label for nomenclatural status (...)            | New 0%      |
| Consider implementing quick setup button (...)           | New 0%      |
| Taxon Concept relationship type not (...)                | New 0%      |
| Show excludedNote in dataportal                          | New 0%      |
| Adapt colour mapping in dataportals                      | New 0%      |
| mention the unplaced and excluded states (...)           | New 0%      |
| harmonize classification service return (...)            | New 0%      |
| change behaviour of AbstractBeanProcessor.excludes (...) | New 0%      |
| Allow to freeze referencing objects (...)                | New 0%      |
| Implement multi-language support for (...)               | New 0%      |
| harmonize specimen page implementation (...)             | New 0%      |
| secure OAuth2 grant types 'implicit' (...)               | New 0%      |
| Open issues for individual dialog filters                | New 0%      |
| Unavailable server creates infinite (...)                | New 0%      |
| Optional header for taxon concept section (...)          | New 0%      |
| Use a mock service for testing the loading (...)         | New 0%      |
| Servlet context reports error after (...)                | Resolved 0% |
| bbox transformation for EPSG:900913 (...)                | New 0%      |
| hierarchic distributions: suppress label (...)           | New 0%      |
| multi-tenancy for cdmlib                                 | New 0%      |
| Name Relationship supplemental data (...)                | New 0%      |
| Searching in user group bulk editor (...)                | New 0%      |
| data in taxon editor view and details (...)              | New 0%      |
| select list for facts too long for laptop (...)          | New 0%      |
| Advanced search does not allow standard (...)            | New 0%      |
| [Overview] BGBM User group wishes 2017                   | New 0%      |
| [DISCUSS] Linking related names (...)                    | New 0%      |

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|---|----------|
| enable mouseover for distribution map                           | New 0%   |
| [DISCUSS] Remove transparency from breadcrumbs (...)            | New 0%   |
| Improve browser functionality of breadcrumbs                    | New 0%   |
| change background color if changing (...)                       | New 0%   |
| Warn about available text in other languages (...)              | New 0%   |
| improve display of media sources and (...)                      | New 100% |
| cdm-dataportal as oauth2 client of cdm-remote (...)             | New 0%   |
| Providing the admin email for each server (...)                 | New 0%   |
| Show botanical nomenclatural status (...)                       | New 0%   |
| Create progress monitors for imports (...)                      | New 0%   |
| Repair methods improvement                                      | New 0%   |
| feature block ids must not be language (...)                    | New 0%   |
| Check if PlinianCore is relevant for (...)                      | New 0%   |
| Show misapplied name concept relation (...)                     | New 0%   |
| taxontree takes HTTP_REFERER into account (...)                 | New 0%   |
| Palmweb feature 'Number of Taxa' no (...)                       | New 0%   |
| palmweb: remove comment module related (...)                    | New 0%   |
| palmweb: Show image thumbnail tickbox (...)                     | New 0%   |
| Improve display of gathering event in (...)                     | New 0%   |
| Create test suite for availability testing (...)                | New 0%   |
| Change sortindex of keynodes                                    | New 0%   |
| [DISCUSS] Need and properties of a NomenclaturalReference (...) | New 0%   |
| 'Specified key was too long' on creating (...)                  | New 0%   |
| searching for synonyms and taxa in advanced (...)               | New 0%   |
| Problems with synonyms in taxon navigator (...)                 | New 0%   |
| Avoid stack overflow in self referencing (...)                  | New 0%   |
| Improve Matching for Reference.title (...)                      | New 0%   |
| Handle fungi authors in name parser (...)                       | New 0%   |
| [DISCUSS] TitleCache update strategy (...)                      | New 0%   |
| Distinguish bibliographic and nomenclatural (...)               | New 0%   |
| FE Areas in advanced search arent sorted                        | New 0%   |
| Improve reference handling for IPNI (...)                       | New 0%   |
| Update of field unit in details view (...)                      | New 0%   |
| Change label "Next" in Specimen Assistant (...)                 | New 0%   |

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|---|---------------|
| <b>Deduplicate equal subareas like TDWG (...)</b>                   | <b>New 0%</b> |
| <b>Make Misapplied names visible in concept (...)</b>               | <b>New 0%</b> |
| <b>Views should be available via right (...)</b>                    | <b>New 0%</b> |
| <b>Palmweb use records do not correctly (...)</b>                   | <b>New 0%</b> |
| <b>Changing specimen in type designation (...)</b>                  | <b>New 0%</b> |
| <b>Removing a type designation from the (...)</b>                   | <b>New 0%</b> |
| <b>UUID can not be null exception when (...)</b>                    | <b>New 0%</b> |
| <b>History for search</b>   | <b>New 0%</b> |
| <b>Types longer than 1 line should have (...)</b>                   | <b>New 0%</b> |
| <b>Show annotations on specimen</b>                                 | <b>New 0%</b> |
| <b>Show description text for individuals (...)</b>                  | <b>New 0%</b> |
| <b>Remove MediaRepresentation and MediaRepresentationPart (...)</b> | <b>New 0%</b> |
| <b>We need a count for bulk editors</b>                             | <b>New 0%</b> |
| <b>Simplify adding of repeating data like (...)</b>                 | <b>New 0%</b> |
| <b>Implement warning for multiple used (...)</b>                    | <b>New 0%</b> |
| <b>Check code for using only single setTitleCache (...)</b>         | <b>New 0%</b> |
| <b>Show count for referencing objects</b>                           | <b>New 0%</b> |
| <b>Right click on concept relationship (...)</b>                    | <b>New 0%</b> |
| <b>Refactor dynamic bulk editor menu into (...)</b>                 | <b>New 0%</b> |
| <b>Improve validation rules for name types</b>                      | <b>New 0%</b> |
| <b>Make LSIDs klickable</b>   | <b>New 0%</b> |
| <b>TermBase.representations still uses (...)</b>                    | <b>New 0%</b> |
| <b>Improve taxon node wizard</b>                                    | <b>New 0%</b> |
| <b>Exception when deleting media in media (...)</b>                 | <b>New 0%</b> |
| <b>Make "&amp;" in reference title parsable</b>                     | <b>New 0%</b> |
| <b>Make extended details parsable</b>                               | <b>New 0%</b> |
| <b>[DISCUSS] If a reference has only a (...)</b>                    | <b>New 0%</b> |
| <b>Bulkeditor for Rights</b>  | <b>New 0%</b> |
| <b>TimePeriodParser support for ISO 8601 (...)</b>                  | <b>New 0%</b> |
| <b>full support for ISO 8601 date time (...)</b>                    | <b>New 0%</b> |
| <b>Make name relationship types editable (...)</b>                  | <b>New 0%</b> |
| <b>catch errors in openlayers and display (...)</b>                 | <b>New 0%</b> |
| <b>[DISCUSS] Use logging facade instead (...)</b>                   | <b>New 0%</b> |
| <b>Entering User and Person throws Duplicate (...)</b>              | <b>New 0%</b> |

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|--|-------------|
| NPE when trying to drag&drop classification (...)  | New 0%      |
| Add recreation of treeindex to the tree (...)      | New 0%      |
| Exception Dialog for deletion of taxonNode (...)   | New 0%      |
| Repair mechanism for hibernate_sequences           | New 0%      |
| Question/Discussion: update supported (...)        | Feedback 0% |
| three different namings for descriptions (...)     | New 0%      |
| Check all exports if the exportResult (...)        | New 0%      |
| Implement basionym guessing in TaxEditor           | New 0%      |
| Implement basionym guesser for 2 taxa/names (...)  | New 0%      |
| Check all imports if import result is (...)        | New 0%      |
| Advanced search: DataPortaL always does (...)      | New 0%      |
| Remaining fauna europaea distribution (...)        | New 0%      |
| Sort derivatives below FieldUnit level (...)       | New 0%      |
| Close import wizard after showing "Open (...)      | New 0%      |
| Map settings: TextArea for defining (...)          | New 0%      |
| Adapt sortindex updater and cache updater (...)    | New 0%      |
| Reference of Taxonnode needs to be editable (...)  | New 0%      |
| Search filters for excluded and incertae (...)     | New 0%      |
| Display of excluded and incertae sedis (...)       | New 0%      |
| search results: accepted taxa, synonyms, (...)     | New 0%      |
| Add "Add specimen duplicate" context (...)         | New 0%      |
| Improve visual separation of search (...)          | New 0%      |
| [DISCUSS] What does the "Reporting" (...)          | New 0%      |
| Opening the bulk editor is possible (...)          | New 0%      |
| catch exception when user is expired               | New 0%      |
| Correct handling for chromatograms in (...)        | New 0%      |
| Handle SchemaUpdateResult in TaxEditor             | New 0%      |
| Check all imports if the importResult (...)        | New 0%      |
| Sometimes selected taxa are not synchronized (...) | New 0%      |
| Add default value to thumbnail label (...)         | New 0%      |
| Can we make better use of hibernate (...)          | New 0%      |
| Better handling for UserTypes in hibernate         | New 0%      |
| Make available derived unit facade elements (...)  | New 0%      |
| Remaining selection dialogs that show (...)        | New 0%      |



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|---|-------------|
| NPE when closing the editor                             | New 0%      |
| Collect all footnotes of a cdm_dataportal (...)         | New 0%      |
| Make error message available in "Copy (...)             | New 0%      |
| create generic icons for specimen editor                | New 0%      |
| Edit Date in TextField                                  | New 0%      |
| Status bar not completely visible in (...)              | New 0%      |
| pathToTaxon missing in /taxon/<uuid>/includedTaxa (...) | New 0%      |
| classification/association problems (...)               | New 0%      |
| If no datasource is defined jetty exits (...)           | New 0%      |
| Allow to open multiple specimens selected (...)         | New 0%      |
| Implement possibility to add information (...)          | New 0%      |
| wrong display of specimen section in (...)              | New 0%      |
| Ignoriere Subgattung im Artnamen in (...)               | New 0%      |
| testMonitLongRunningMethodWithInterrupt (...)           | New 0%      |
| Handle SchemaUpdateResult in CdmServer                  | New 0%      |
| Test RMIIO for remote procedure calls (...)             | New 0%      |
| Distibution feature block id must be (...)              | New 0%      |
| User bulk editor loses selection focus (...)            | New 0%      |
| [DISCUSS] specimen label in bulk editor                 | New 0%      |
| Factual data view should be emptied (...)               | New 0%      |
| glue for feature block items configurable: (...)        | New 0%      |
| glue for feature block items configurable: (...)        | New 0%      |
| [DISCUSS] Correct use of MediaSpecimen (...)            | New 0%      |
| Rename advanced search tabs (inluding (...)             | New 0%      |
| DerivedUnitFacade.newFacadeFrom() fails (...)           | New 0%      |
| Number format exception in BHL Query (...)              | New 0%      |
| Incorrect formatting for created (and (...)             | New 0%      |
| Further specimen table issues                           | New 0%      |
| different media captions for search (...)               | New 0%      |
| make all cdm-remote urls case insensitive (...)         | New 0%      |
| <b>EDIT - Update Documentation</b>                      |             |
| Parser for editor documented                            | Feedback 0% |
| Documentation for MultilanguageText (...)               | New 0%      |
| Dataportal administration documentation                 | New 30%     |

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|--|-----------------|
| Write Developers Guide for CDM Library                                     | New 0%          |
| CDM description is outdated  | New 0%          |
| <hr/>  |                 |
| EDIT - Release 5.43  |                 |
| Improve / compact display of types   | In Progress 0%  |
| CICHORIEAE additional text to descriptive (...)                            | In Progress 0%  |
| Improve overall dataportal page loading (...)                              | In Progress 62% |
| improve portal/classification/{taxon_uid}/childrenNodesAt/{rank_uid} (...) | Resolved 0%     |
| Implement synonymy service responding (...)                                | In Progress 50% |
| should annotations always be returned (...)                                | In Progress 20% |
| Further performance improvement of portal/taxon/{uid}/media                | New 0%          |
| Use treeindex for loading of aggregated (...)                              | New 0%          |
| Use asynchronous loading for images  | New 0%          |
| Completely avoid all cache strategies (...)                                | New 0%          |
| optimize lucene index if possible  | New 0%          |
| Performance for large specimen sets (...)                                  | New 0%          |
| Implement Comparator for Type Designations                                 | Feedback 0%     |
| Suppress footnotes in search results (...)                                 | Resolved 70%    |
| Include all paramaters of FindOccurrencesConfigurator (...)                | New 20%         |
| Revise decision to color specimenOrObservations (...)                      | New 0%          |
| EDIT - CDM UML 5.43  |                 |
| DefinedTerm problem solved   | In Progress 0%  |
| Long term solution for saving images (...)                                 | New 0%          |
| Check comb. nov. with taxonomists  | New 0%          |
| OriginalSource has to support multiple (...)                               | New 0%          |
| Include ISO-3166 numeric codes to Country                                  | New 0%          |
| UML lets OriginalSourceBase inherit (...)                                  | New 0%          |
| Create update script for type status (...)                                 | New 0%          |
| dagger (Totenkreuz) after extinct and (...)                                | In Progress 0%  |
| Add all hibernate validations  | New 0%          |
| Remove size of test data where possible                                    | In Progress 40% |
| Open tissue sample and molecular issues                                    | In Progress 0%  |
| Implement Measurement Unit in common (...)                                 | New 0%          |
| Are TermVocabularies URIs needed   | New 0%          |
| Discuss "Material Sample" as new SpecimenOrObservationType                 | In Progress 0%  |

EDIT - R

|   |                 |
|---|-----------------|
| Create vocabulary for former countries                    | New 0%          |
| Better handling of labels, abbreviations (...)            | In Progress 0%  |
| Implement fields for typical StatisticalMeasurementValues | New 0%          |
| Improve SchemaUpdater                                     | In Progress 0%  |
| Updatescript for missing index on treeindex               | New 0%          |
| GrantedAuthorities not reusable anymore                   | New 0%          |
| Update script for section.idInVoc to (...)                | New 0%          |
| [DISCUSS] Do we need to distinguish (...)                 | In Progress 0%  |
| Improve CDM Features                                      | New 0%          |
| Implement type providing name in homotypical (...)        | New 0%          |
| [DISCUSS] Ask W.Greuter about "type (...)                 | New 0%          |
| Reverse label for features                                | In Progress 0%  |
| Make TreeIndex a hibernate user type                      | New 0%          |
| [DISCUSS] Should Credit be reusable                       | New 0%          |
| TermVocabularies of OrderedTerms must (...)               | In Progress 0%  |
| Define a taxon concept relationship (...)                 | New 0%          |
| Syn. nov. for synonyms                                    | New 0%          |
| Add SpecimenOrObservationType "live (...)                 | New 0%          |
| Improve architecture for Model updates                    | New 0%          |
| Remove remaining orphaned PolytomousKeyNodes              | New 0%          |
| [DISCUSS] Should we remove anamorph (...)                 | New 0%          |
| [DISCUSS] What information do we need (...)               | New 0%          |
| Improve term structure                                    | In Progress 20% |
| <b>EDIT - Release 5.44</b>                                |                 |
| Adapt the ZooNameDefaultCacheStrategy                     | New 0%          |
| BookDefaultCacheStrategy does not show (...)              | New 0%          |
| Avoid method duplication in *PortalControllers            | New 0%          |
| Concept relationship annotations not (...)                | New 0%          |
| improve AdvancedBeanInitializer                           | New 0%          |
| Implement sub-distribution area inclusion (...)           | New 0%          |
| can't add media to observation/specimen (...)             | New 30%         |
| Upgrade maven compiler plugin to latest (...)             | New 0%          |
| On single tab pages the bibliography (...)                | New 0%          |
| Hide empty Bibliography block                             | New 0%          |

EDIT - R

|   |                  |
|---|------------------|
| consider using jackson as json library                      | New 0%           |
| json lib incorrectly serializes (...)                       | New 0%           |
| Selfregistration widget                                     | Feedback 0%      |
| Improve DataPortal documentation                            | Feedback 60%     |
| Advanced Search area filter layout needs (...)              | New 0%           |
| EDIT - DwC-A to CDM Import                                  |                  |
| Open issues for DwC-A export                                | New 0%           |
| EDIT - Release 5.45   |                  |
| PALMS. Not clear format for authors (...)                   | New 0%           |
| TODO use AbstractPagerImpl.hasResultsInRange() (...)        | New 0%           |
| Some or many names have an empty fullTitleCache (...)       | In Progress 30%  |
| Check ordering in API paged methods                         | Discussed 0%     |
| TaxonNameBase.getReferenceYear does (...)                   | New 0%           |
| replace spring-modules-cache by up to (...)                 | In Progress 40%  |
| errors are not cleared after reloading (...)                | Feedback 0%      |
| Taxeditor should add mimetype of mediaRepresentations (...) | New 0%           |
| [E+M][Editor] sufficient rights management (...)            | Resolved 80%     |
| Check if all molecular data is shown (...)                  | In Progress 0%   |
| Correct handling of nomenclatural inferences (...)          | New 0%           |
| [MASTER] Handle abbreviated title and (...)                 | In Progress 85%  |
| Remaining issues to include pages (...)                     | In Progress 30%  |
| Handle meta data loading/validating (...)                   | New 0%           |
| Media sections have duplicate code for (...)                | New 0%           |
| Sorting of hybrids  | New 0%           |
| update the integration portals to use (...)                 | In Progress 100% |
| Add menu item for subtree cloning                           | In Progress 20%  |
| Right click menu for polytomous key (...)                   | In Progress 50%  |
| Name selection should not allow self (...)                  | In Progress 50%  |
| Name parser problems  | In Progress 0%   |
| Urgent imports  | In Progress 30%  |
| Deleting a misapplied name does not (...)                   | In Progress 0%   |
| [DISCUSS] How to correctly show name (...)                  | In Progress 0%   |
| Add delete button for areas for common (...)                | New 0%           |
| Remaining issues for volume formatting (...)                | New 0%           |

EDIT - R

|   |                 |
|---|-----------------|
| Correct display of misspellings in synonymy                     | In Progress 20% |
| The details views are newly created (...)                       | In Progress 0%  |
| maven profile to build cdm-vaadin for (...)                     | New 0%          |
| Implement OWL export  | In Progress 0%  |
| [MANUAL] Update Editor documentation (...)                      | In Progress 10% |
| <b>EDIT - Release 5.46</b>                                      |                 |
| protect taxa and nodes  | New 20%         |
| extensions not yet handled in compose_cdm_specimenObservation() | New 0%          |
| adapt DerivedUnitBaseDetailElement and (...)                    | New 0%          |
| refresh views after changing rights                             | New 0%          |
| Show error when permission is denied (...)                      | New 0%          |
| [Post 3.4] Check if originalLabelInfo (...)                     | New 0%          |
| Add vocabulary for Specimen Description (...)                   | New 0%          |
| German translation for term types                               | New 0%          |
| TaxonName table won't trigger update (...)                      | New 0%          |
| Implement webservice to get the date (...)                      | New 0%          |
| [MASTER] Refactor / Redesign                                    | New 100%        |
| Error when creating new taxon /problem (...)                    | In Progress 0%  |
| Handle exceptions which require reconnect                       | New 0%          |
| implement automatic tests for all external (...)                | New 0%          |
| Add languages to the editable terms                             | In Progress 0%  |
| Changing the database connection must (...)                     | In Progress 20% |
| Implement rights&roles for TaxEditor (...)                      | In Progress 0%  |
| Advanced Search for taxa: search results (...)                  | New 0%          |
| Implement "Forgot your password?" button (...)                  | New 0%          |
| Open images from specimen table in separate (...)               | New 0%          |
| [DISCUSS] How to handle "kind of" term (...)                    | In Progress 40% |
| <b>EDIT - Release 5.47</b>                                      |                 |
| Advanced search areas show empty brackets (...)                 | New 0%          |
| <b>EDIT - Structured Descriptive Data Editing (...)</b>         |                 |
| Fix export of TextCharacters in SDD (...)                       | New 0%          |
| <b>EDIT - cdmlib-remote cleanup</b>                             |                 |
| tagged text with square bracket confuses (...)                  | New 0%          |
| Use @RestController where appropriate                           | New 0%          |

|   |        |
|---|--------|
| consider using the <code>OpenSessionInViewFilter</code> (...)           | New 0% |
| <b>EDIT - Validation Framework 1.0</b>                                  |        |
| Check, why we need <code>cdmlib-services</code> validation              | New 0% |
| <b>EDIT - CDM UML - Next major release</b>                              |        |
| [DISCUSS] Do we need an explanation/reason (...)                        |        |
| Add DAFOR vocabulary for <code>organismQuantityType</code>              |        |
| <b>EDIT - Campanula LibrAlign Integration</b>                           |        |
| Inserting gaps in the <code>AlignmentEditor</code> (...)                |        |
| Zooming with mouse wheel resets manually (...)                          |        |
| Data-Refresh problem when exporting (...)                               |        |
| <b>EDIT - Geo RESTServices - Next Major Release</b>                     |        |
| compile edit map service documentation (...)                            |        |
| map services should respond with appropriate (...)                      |        |
| <b>EDIT - Reviewed Next Major Release</b>                               |        |
| Turn off all concept-related functionality (...)                        |        |
| [BLOCKED][NameRelations] No distinction (...)                           |        |
| Divide preferred and other determinations (...)                         |        |
| replace <code>garland_cichorieae_cdm_taxon_list_thumbnails</code> (...) |        |
| <code>IpniServiceTest</code> fails from time to time                    |        |
| Proper handling of <code>cdm webservice HTTP</code> (...)               |        |
| Jenkins php jobs: setup for code analysis, (...)                        |        |
| <code>CdmPermissionEvaluator</code> can test for (...)                  |        |
| <b>Correct use of <code>CdmApplicationDefaultConfiguration</code></b>   |        |
| Autowire <code>CdmApplicationDefaultConfiguration</code> (...)          |        |
| Enabling sound files (mp3) in EDITor (...)                              |        |
| install enable and configure WYSIWYG (...)                              |        |
| Image metadata in lightbox not loaded (...)                             |        |
| Distinguish display of fossil and "normal" (...)                        |        |
| newly created entities must stay editable (...)                         |        |
| Remove <code>InputDialog</code> in creating new bulk (...)              |        |
| Enable creation of taxon without classification                         |        |
| image gallery settings have no effect                                   |        |
| Investigate and implement tests for (...)                               |        |
| I18n for the <code>TaxEditor</code> menu                                |        |

**LSID Authority service cannot find CoL (...)**  
**Implement handling of IntextReferences (...)**  
**Problem with session attributes for (...)**  
**implement setting for choosing the (...)**  
**implement indicator that shows the amount/percentage (...)**  
**[Master] Fix Performance Issues**  
     **Creating new taxon is slow in some (...)**  
     **Deleting taxon node is slow in (...)**  
**Enhance "Change Type" button for feature (...)**  
**distribution filter widget - remove (...)**  
**TaxonInteraction - add ";" and space (...)**  
**Adapt layout for login**  
**reimplement the taxonnavigator to allow (...)**  
**Shorten/Enhance URL exception text**  
**cdm-server without jsvc**  
**P2 update of Taxonomic Editor bundled (...)**  
**Make maps show up with volatile areas (...)**  
**ClassNotFoundException for org.eclipse.jetty.servlet.listener.ELContextCleaner (...)**  
**NPE when showing name relationships (...)**  
**Automatic deduplication of teams does (...)**  
**[DISCUSS] Define general strategy for (...)**  
**move taxeditor configuration file into (...)**  
**It is not possible to search for hybrids (...)**  
**option (as new default) to show full (...)**  
**Implement auto-suggest for data portal**  
**use double line to separate concept (...)**  
     **remove empty homotypic-synonymy-group (...)**  
**It is not possible to search for hybrid (...)**  
**Add toggle button for simple details (...)**  
**Implement IPNI style name export**