

## Tasks-hierarchical

| #    | Tracker | Subject   | Status      | Priority  | Assignee      | Target version  |
|------|---------|---|-------------|-----------|---------------|-----------------|
| 5799 | Bug     | publish using DOI feature   | New         | Immediate | Jing Tao      | 2.0.0           |
| 5249 | Bug     | test kepler for memory leaks  | In Progress | Immediate | jianwu jianwu | 2.X.Y           |
| 5095 | Bug     | test kepler and wrp for memory leaks  | In Progress | Immediate | jianwu jianwu | reporting-2.X.Y |
| 4883 | Bug     | Need more command line options for kar files  | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4785 | Bug     | move cache object from 1.0 to 2.0   | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4764 | Bug     | ProvenanceRecorder.changeExecuted slow after workflow run   | New         | Immediate | Daniel Crawl  | Unspecified     |
| 4735 | Bug     | Allow params to be passed to ConfigurationManager from the command line   | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4542 | Bug     | Feature Request: Import / update metadata from MySQL database   | New         | Immediate | Jing Tao      | 1.10.0          |
| 4501 | Bug     | map fields and upload data into the NVC Plot DB   | New         | Immediate | Michael Lee   | NVCRequirements |
| 4500 | Bug     | Implement a shared login between NVCRS and VegBank  | New         | Immediate | Michael Lee   | NVCRequirements |
| 4499 | Bug     | Refresh VegBank from Public DB  | New         | Immediate | Michael Lee   | NVCRequirements |
| 4496 | Bug     | search for plots based on 'communities similar to' a given type   | New         | Immediate | Michael Lee   | NVCRequirements |
| 4492 | Bug     | search for plots based on community and return plots matching plots in same hierarchy branch, either below (for sure) or above (maybe)? | New         | Immediate | Michael Lee   | NVCRequirements |
| 4490 | Bug     | expand plot searching to include various new criteria   | New         | Immediate | Michael Lee   | NVCRequirements |
| 4489 | Bug     | ensure VegBank documents plot type in the sense of 'classification' plots vs. 'occurrence' plots.                                       | New         | Immediate | Michael Lee   | NVCRequirements |
| 4488 | Bug     | Freeform entry of new taxonomic concepts.   | New         | Immediate | Michael Lee   | NVCRequirements |
| 4487 | Bug     | Better support for tydal plots  | New         | Immediate | Michael Lee   | NVCRequirements |
| 4485 | Bug     | Export VEGX format  | New         | Immediate | Michael Lee   | NVCRequirements |
| 4484 | Bug     | Import VEGX plot data into VegBank  | New         | Immediate | Michael Lee   | NVCRequirements |
| 4341 | Bug     | rearrange the actors module into smaller modules  | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4328 | Bug     | change-to command checks out across branches  | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4310 | Bug     | ValueListeners receive valueChanged events when values have not changed   | New         | Immediate | Daniel Crawl  | 2.X.Y           |
| 4290 | Bug     | Separate the GUI from the execution engine.   | In Progress | Immediate | Chad Berkley  | 2.X.Y           |
| 4287 | Bug     | Separate user error messages from developer error messages.   | In Progress | Immediate | Chad Berkley  | 2.X.Y           |
| 4260 | Bug     | Add a test suite for the build system   | New         | Immediate | Chad Berkley  | 2.X.Y           |
| 4246 | Bug     | Reorganize code in util, core and gui modules   | In Progress | Immediate | Chad Berkley  | 2.X.Y           |
| 4153 | Bug     | report-overrides  | In Progress | Immediate | David Welker  | 2.X.Y           |
| 4052 | Bug     | Should be able to store native libraries in a kar file  | New         | Immediate | Chad Berkley  | 3.X.Y           |
| 3921 | Bug     | Exported KAR files do not correctly export private classes  | New         | Immediate | Chad Berkley  | 3.X.Y           |
| 3915 | Bug     | The error dialogue won't go away.   | New         | Immediate | Chad Berkley  | 3.X.Y           |

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| 3840 | Bug     | Classification view/import/edit - CONTAINER BUG                             | New         | Immediate | Michael Lee    | Unspecified        |
| 3835 | Bug     | design and implement OAI-PMH compliant harvest subsystem                    | In Progress | Immediate | Duane Costa    | 2.x.y              |
| 3508 | Bug     | create a stylesheet for EML2.0.x to EML 2.1.0                               | New         | Immediate | Matt Jones     | Unspecified        |
| 3402 | Bug     | internal dtDs are not handled   | In Progress | Immediate | ben leinfelder | 2.x.y              |
| 3396 | Bug     | Enable event notification feature   | In Progress | Immediate | Chris Jones    | 2.x.y              |
| 3367 | Bug     | Harvester stores passwords in clear text                                    | New         | Immediate | Duane Costa    | Unspecified        |
| 3210 | Bug     | add netCDF support to Kepler  | New         | Immediate | Jing Tao       | 3.X.Y              |
| 3194 | Bug     | add actors to support Sun Grid  | New         | Immediate | Chad Berkley   | 3.X.Y              |
| 3189 | Bug     | CommandLineExec needs ability to kill spawned process                       | New         | Immediate | Chad Berkley   | 3.X.Y              |
| 3142 | Bug     | metacat client uses in-memory buffer for posting data                       | New         | Immediate | Jing Tao       | Unspecified        |
| 3116 | Bug     | Web page rendering needs to be made w3c compliant                           | New         | Immediate | Chad Berkley   | 3.X.Y              |
| 2997 | Bug     | Icons stop working after using kepler for a while                           | In Progress | Immediate | Chad Berkley   | 3.X.Y              |
| 2987 | Bug     | Kepler Library (actor repository) Issues                                    | In Progress | Immediate | Chad Berkley   | 3.X.Y              |
| 2980 | Bug     | pubDate is not created for citation use when a Morpho Dataset is submitted  | New         | Immediate | Jing Tao       | 1.9                |
| 2944 | Bug     | Allow multiple concept sources in CVS data                                  | New         | Immediate | Xianhua Liu    | Unspecified        |
| 2895 | Bug     | Distributed Execution Tracking Bug  | New         | Immediate | Chad Berkley   | 3.X.Y              |
| 2868 | Bug     | upgrade taxonomy using TaxonOccurrence Spreadsheet (aka Cover_ver4_withCBS) | In Progress | Immediate | Michael Lee    | 2009-Jan           |
| 2752 | Bug     | commit atlas to cvs   | New         | Immediate | Xianhua Liu    | Unspecified        |
| 2730 | Bug     | Publication problem   | New         | Immediate | xianhua liu    | Unspecified        |
| 2650 | Bug     | ecogrid returnfields need to support more xpath                             | New         | Immediate | Matt Jones     | Unspecified        |
| 2649 | Bug     | Ecogrid returnfields don't return enough information                        | New         | Immediate | Matt Jones     | Unspecified        |
| 2637 | Bug     | RAB records of nominal variety occurrences have incomplete name             | New         | Immediate | Xianhua Liu    | Unspecified        |
| 2611 | Bug     | Help function text  | New         | Immediate | Xianhua Liu    | Unspecified        |
| 2609 | Bug     | Erroneous assignment of ambiguous status                                    | New         | Immediate | Xianhua Liu    | Unspecified        |
| 2581 | Bug     | Children should occur in map of parent                                      | In Progress | Immediate | Xianhua Liu    | Unspecified        |
| 2473 | Bug     | Morpho uses too much memory   | In Progress | Immediate | Jing Tao       | 1.10.0             |
| 2447 | Bug     | Jalama web-app XUL doesn't work in Firefox 1.5+                             | New         | Immediate | Chris Jones    | Unspecified        |
| 2436 | Bug     | Evaluate: Map plots with one click from plot-result-set                     | New         | Immediate | Robert Peet    | 1.2.0              |
| 2338 | Bug     | TRACKING - MENUS: pop-up context menu revision                              | In Progress | Immediate | Matthew Brooke | 3.X.Y              |
| 2337 | Bug     | TRACKING - MENUS: Top-Level Menu Revision                                   | In Progress | Immediate | Matthew Brooke | 3.X.Y              |
| 2301 | Bug     | deploy ecogrid-1.0.0beta2 services for metacat, srb, digir, geon            | New         | Immediate | Jing Tao       | ecogrid-1.0.0beta2 |
| 2292 | Bug     | out of memory problems on DiGIR EcoGrid implementation                      | In Progress | Immediate | Kevin Ruland   | ecogrid-1.0.0      |
| 2259 | Bug     | DIALOGS: Implement New Actor Dialog   | In Progress | Immediate | Matthew Brooke | 3.X.Y              |

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| 2258 | Bug     | DIALOGS: Implement New Director Dialog  | In Progress | Immediate | Matthew Brooke   | 3.X.Y          |
| 2257 | Bug     | DIALOGS: Implement New Workflow Dialog  | In Progress | Immediate | Matthew Brooke   | 3.X.Y          |
| 2245 | Bug     | TRACKING: Batik SVG Rendering - remaining tasks                               | In Progress | Immediate | Matthew Brooke   | 3.X.Y          |
| 2213 | Bug     | "Show all" Morpho editor handles coverage incorrectly depending on order      | New         | Immediate | Saurabh Garg     | 1.9            |
| 2155 | Bug     | Metacat Performance: Rewrite the xml_nodes queries                            | In Progress | Immediate | Jing Tao         | Unspecified    |
| 2079 | Bug     | Move project element to top-level   | In Progress | Immediate | Matt Jones       | Postpone       |
| 2042 | Bug     | Failure when using dataTable, spatialRaster, and spatialVector in tree editor | In Progress | Immediate | Saurabh Garg     | 1.9            |
| 2015 | Bug     | Provide more meaningful error messages  | New         | Immediate | Laura Downey     | 3.X.Y          |
| 1991 | Bug     | add fields for information about metadata maintenance                         | In Progress | Immediate | Matt Jones       | EML2.2.0       |
| 1879 | Bug     | Metacat Performance: Summary  | New         | Immediate | Jing Tao         | Unspecified    |
| 1794 | Bug     | modify temporalCoverage to support ongoing data sources                       | In Progress | Immediate | Matt Jones       | EML2.2.0       |
| 1790 | Bug     | Add ITIS data to TOS db v1.1.0  | New         | Immediate | Aimee Stewart    | Unspecified    |
| 1761 | Bug     | Update object model (v1.1.0) to more closely mirror TCS                       | In Progress | Immediate | Aimee Stewart    | Unspecified    |
| 1702 | Bug     | spatial search is not saved   | New         | Immediate | Saurabh Garg     | 1.10.0         |
| 1677 | Bug     | Modify concept package objects to handle relationships for TOS v1.1.0         | In Progress | Immediate | Aimee Stewart    | Unspecified    |
| 1673 | Bug     | Work with XSLT parser to convert ITIS data for input to Taxon DB              | In Progress | Immediate | Aimee Stewart    | Unspecified    |
| 1663 | Bug     | Create web prototype  | New         | Immediate | Robert Gales     | Unspecified    |
| 1662 | Bug     | id key definitions in EML   | In Progress | Immediate | Matt Jones       | EML2.2.0       |
| 1651 | Bug     | Scale requests  | New         | Immediate | Saurabh Garg     | Postpone       |
| 1648 | Bug     | Create taxon developer web site which calculates metrics of code              | New         | Immediate | Aimee Stewart    | Unspecified    |
| 1591 | Bug     | generate browsing ontologies  | New         | Immediate | Mark Schildhauer | Unspecified    |
| 1587 | Bug     | Define and implement EcoGrid "dataQuery" method                               | In Progress | Immediate | Jing Tao         | 3.X.Y          |
| 1548 | Bug     | consolidating data access user interfaces                                     | In Progress | Immediate | Jing Tao         | 3.X.Y          |
| 1542 | Bug     | SQL Server support broken   | New         | Immediate | Saurabh Garg     | 2.x.y          |
| 1426 | Bug     | closing unsaved package does not close package                                | In Progress | Immediate | Dan Higgins      | 1.10.0         |
| 1381 | Bug     | keyword set editor efficiency problems  | In Progress | Immediate | Dan Higgins      | 1.9            |
| 1166 | Bug     | create a schema for registry metadata   | In Progress | Immediate | Jing Tao         | ecogrid-1.0.0  |
| 1163 | Bug     | install and configure certificate authority system for ecogrid                | New         | Immediate | Jing Tao         | ecogrid-1.1.0  |
| 1070 | Bug     | propose a flexible system for transformation steps                            | New         | Immediate | Shawn Bowers     | Unspecified    |
| 1059 | Bug     | create testing harness for ecogrid  | New         | Immediate | Kevin Ruland     | ecogrid-1.0.0  |
| 1000 | Bug     | units missing from Unit Dictionary  | In Progress | Immediate | Matt Jones       | EML2.2.0       |
| 984  | Bug     | tracking bug for Alpha2 release   | In Progress | Immediate | Monarch Dev      | 2.0.0Alpha2    |
| 955  | Bug     | need to handle multiple datasets as input to a pipeline                       | In Progress | Immediate | Rich Williams    | 2.0.0Alpha2    |

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| 945  | Bug     | investigate semantic additions to monarch   | In Progress | Immediate | Rich Williams   | Postpone       |
| 944  | Bug     | write eml -> nbii xsl sheet   | In Progress | Immediate | Dan Higgins     | 2.0.0Alpha2    |
| 919  | Bug     | Advanced IP system, user-specific filtering of data   | New         | Immediate | Michael Lee     | 3.0.0          |
| 890  | Bug     | Load database:Peet_NCVS-4000: add in Fall 2006  | New         | Immediate | Michael Lee     | 1.2.0          |
| 884  | Bug     | Load database:NY-ESF-1500: DF   | New         | Immediate | Michael Lee     | 2.0.0          |
| 845  | Bug     | Query manager - list of past queries  | New         | Immediate | Michael Lee     | 3.0.0          |
| 548  | Bug     | consolidate metadata editing systems in morpho  | In Progress | Immediate | Matthew Brooke  | Postpone       |
| 501  | Bug     | change in documentation structure   | New         | Immediate | Saurabh Garg    | Postpone       |
| 421  | Bug     | create simple turnkey installer for metacat Phase II  | In Progress | Immediate | Michael Daigle  | 2.x.y          |
| 324  | Bug     | perl implementation of harvester api  | In Progress | Immediate | David Blankman  | ---            |
| 323  | Bug     | Establish API for communication with src and dest   | In Progress | Immediate | David Blankman  | ---            |
| 277  | Bug     | semantic metadata module/extensions   | In Progress | Immediate | Matt Jones      | Postpone       |
| 213  | Bug     | transaction support for packages  | New         | Immediate | Jing Tao        |                |
| 6793 | Support | Update DOIs from KNB to redirect to view service  | In Progress | High      | ben leinfelder  |                |
| 6584 | Bug     | bug in validity of personnel element  | New         | High      | Jing Tao        |                |
| 6457 | Bug     | safari gives cert error and fails to load UI  | New         | High      | Lauren Walker   |                |
| 6042 | Bug     | Cannot save/synchronize Morpho data package to the network  | New         | High      | ben leinfelder  | 1.10.0         |
| 6040 | Task    | Metacat-index does not handle <references>  | New         | High      | Jing Tao        | 2.3.0          |
| 7234 | Bug     | Validate SystemMetadata.checksumAlgorithm in the DataONE API calls  | New         | Normal    | Jing Tao        |                |
| 7229 | Bug     | Mis-Formatting of Data Package Contents   | New         | Normal    | ben leinfelder  | 2.9.0          |
| 7228 | Bug     | Error in sorting data-sets based on title in MetaCatUI  | New         | Normal    | Jing Tao        | 2.9.0          |
| 7226 | Bug     | Perl Registry hangs on uploads  | New         | Normal    | Jing Tao        | 2.9.0          |
| 7224 | Bug     | Document the procedure of registering a new schema in Metacat   | New         | Normal    | Jing Tao        | 2.9.0          |
| 7223 | Bug     | EZID metadata registration doesn't seem to work with SIDs   | New         | Normal    | Jing Tao        |                |
| 7222 | Feature | In the EML .xslts, take the "id" attribute set on entity elements (e.g. otherEntity) and put them in the HTML | New         | Normal    | Lauren Walker   |                |
| 7219 | Bug     | reCAPTCHA v1 will be turned off on March 31, 2018   | In Progress | Normal    | Jing Tao        | 2.8.6          |
| 7217 | Bug     | Report on metadata creation date in metadata quality summaries  | New         | Normal    | Peter Slaughter | 2.9.0          |
| 7216 | Bug     | MDQClient.saveRun doesn't obsolete existing quality documents   | New         | Normal    | Peter Slaughter | 2.9.0          |
| 7215 | Bug     | Metacat produces an invalid ZIP archive when a package member has an invalid formatID                         | New         | Normal    |                 |                |
| 7213 | Bug     | Document the EZID landing page template property  | New         | Normal    | Chris Jones     |                |
| 7212 | Bug     | metacat-index missing metadata quality fields   | New         | Normal    | Peter Slaughter | 2.9.0          |
| 7210 | Bug     | View service duplicates EML Text content  | New         | Normal    | Bryce Mecum     |                |

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|------|---------|--|-------------|----------|--------------------|----------------|
| 7209 | Feature | Support for XSL transform of iso19115 metadata format  | New         | Normal   | Bryce Mecum        | 2.8.5          |
| 7205 | Bug     | IDs mishandled when an update is made to a package with a DOI  | New         | Normal   |                    |                |
| 7204 | Task    | Use the ldaps protocol to connect the ldap server  | New         | Normal   | Jing Tao           | 2.9.0          |
| 7203 | Bug     | Improve D1NodeService.isAuthorized() performance   | In Progress | Normal   | Chris Jones        | 2.9.0          |
| 7202 | Task    | Add documentation to indicate and help users Metacat only runs under Java 1.8                                  | New         | Normal   | Jing Tao           | 2.9.0          |
| 7199 | Bug     | Upgrade postgresql jdbc jar file on Metacat  | New         | Normal   | Jing Tao           | 2.9.0          |
| 7198 | Feature | Format solr engine description output  | New         | Normal   | Jing Tao           |                |
| 7189 | Bug     | memory leak in Manager   | New         | Normal   | Christopher Brooks |                |
| 7182 | Bug     | Allow partial package downloads when some of the objects are private   | New         | Normal   | ben leinfelder     |                |
| 7181 | Bug     | Verify completeness of unit test MetacatRdfXmlSubprocessorTest   | New         | Normal   | Peter Slaughter    |                |
| 7178 | Bug     | MNodeService.getPackage() takes too long for large packages  | New         | Normal   | Chris Jones        |                |
| 7177 | Task    | Ensure Metacat runs on Tomcat 8  | New         | Normal   | Jing Tao           | 2.9.0          |
| 7175 | Bug     | The link for non-numeric attribute domains doesn't work on the exported eml file                               | New         | Normal   |                    | 2.0.0          |
| 7173 | Feature | Add the measurementScale to the EML .xsl stylesheets   | New         | Normal   | Lauren Walker      |                |
| 7170 | Bug     | Ignore the access part change in the EML sax parser classes when users use dataone api to update an eml object | New         | Normal   | Jing Tao           | 2.9.0          |
| 7164 | Bug     | View service rendering EML project abstract incorrectly  | New         | Normal   | Bryce Mecum        |                |
| 7162 | Bug     | Packages with at least one private object can't be downloaded  | New         | Normal   | Lauren Walker      | 1.X.0          |
| 7159 | Story   | Add provenance editor to the Metadata View   | New         | Normal   | Lauren Walker      | 1.14.0         |
| 7150 | Bug     | Do not populate the "documents" Solr index field with a metadata object's own identifier                       | New         | Normal   | Jing Tao           | 2.9.0          |
| 7148 | Story   | Upgrade Solr Server  | New         | Normal   | Jing Tao           | 2.9.0          |
| 7143 | Bug     | Cache the annotations on each page to avoid multiple calls to the accounts service for the same person         | New         | Normal   | Lauren Walker      | 1.14.0         |
| 7137 | Story   | Create a data package from scratch   | New         | Normal   |                    |                |
| 7136 | Story   | Add a new data file to a package   | New         | Normal   |                    |                |
| 7135 | Story   | Show data upload form to the user in the DataPackage view  | New         | Normal   |                    |                |
| 7134 | Story   | Remove a data object from a collection   | New         | Normal   |                    |                |
| 7132 | Feature | Serialize a Resource Map from a DataPackage collection   | In Progress | Normal   | Lauren Walker      |                |
| 7131 | Story   | Allow users to edit or create data packages in the editor  | New         | Normal   |                    |                |
| 7130 | Story   | Update an EML doc and System Metadata doc on a member node   | New         | Normal   |                    |                |
| 7129 | Story   | Update EML module models when their view fields are edited   | New         | Normal   |                    |                |
| 7128 | Story   | Make all fields in the EML View editable   | New         | Normal   |                    |                |
| 7127 | Story   | Allow editing of EML display   | New         | Normal   |                    |                |
| 7126 | Story   | Projects section   | New         | Normal   |                    |                |

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| 7125 | Story   | Methods section  | New         | Normal   |               |                |
| 7124 | Story   | Taxa section   | New         | Normal   |               |                |
| 7123 | Story   | Locations section  | New         | Normal   |               |                |
| 7122 | Story   | Dates section  | New         | Normal   |               |                |
| 7121 | Story   | People section   | New         | Normal   |               |                |
| 7120 | Story   | Overview section   | New         | Normal   |               |                |
| 7119 | Story   | Render an EML model in the UI  | New         | Normal   |               |                |
| 7118 | Story   | Create a new EML and its System Meta doc on a member node  | New         | Normal   |               |                |
| 7117 | Story   | Serialize a System Metadata doc from a DataONEObject model   | In Progress | Normal   |               |                |
| 7116 | Story   | Serialize an EML model to an EML document  | New         | Normal   |               |                |
| 7115 | Feature | EMLProject   | New         | Normal   |               |                |
| 7114 | Feature | EMLMethods   | New         | Normal   |               |                |
| 7113 | Feature | Taxon  | New         | Normal   |               |                |
| 7112 | Feature | TemporalCoverage   | New         | Normal   |               |                |
| 7111 | Feature | GeographicCoverage   | New         | Normal   |               |                |
| 7110 | Feature | EMLOnlineDistribution  | New         | Normal   |               |                |
| 7109 | Feature | EMLKeyword modules   | New         | Normal   |               |                |
| 7108 | Feature | EMLParty modules   | New         | Normal   |               |                |
| 7107 | Feature | Basic fields on the EML211 model   | New         | Normal   |               |                |
| 7106 | Story   | Retrieve an EML doc and parse into model attributes  | New         | Normal   |               | 2.0.0          |
| 7104 | Bug     | Navigating directly to a dataset #view page using a data pid sometimes goes to an obsoleted package  | New         | Normal   | Lauren Walker | 1.X.0          |
| 7099 | Feature | Create a new admin page for Metacat admins to register schemas   | New         | Normal   | Jing Tao      | 2.9.0          |
| 7093 | Bug     | Metacat-index is not indexing all package members correctly  | New         | Normal   | Jing Tao      |                |
| 7092 | Bug     | Upgrade xerces and xalan lib   | New         | Normal   | Jing Tao      |                |
| 7091 | Bug     | Metacat installation (the war file) doesn't include the FGDC schemas even though the loaddtdschema file creates an entry in the xml_catalog table for it | New         | Normal   | Jing Tao      | 2.9.0          |
| 7071 | Feature | Add a table of contents to the Metadata View for easier navigation   | New         | Normal   | Lauren Walker | 2.0.0          |
| 7062 | Bug     | Unable to login to admin interface intermittently, NullPointerException when fail  | New         | Normal   | Jing Tao      |                |
| 7061 | Bug     | Remove the oracle part on documentation  | New         | Normal   | Jing Tao      |                |
| 7057 | Bug     | incorrect display of non-ascii characters  | In Progress | Normal   | Lauren Walker |                |
| 7053 | Bug     | Parent dataset link in package view shows obsolete parent packages   | New         | Normal   |               |                |
| 7051 | Task    | Develop a 'Move Dataset Levels' use case   | New         | Normal   | Lauren Walker | 2.X.0          |
| 7040 | Story   | A client side data and metadata manager and editor   | In Progress | Normal   | Chris Jones   | 2.0.0          |

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| 7035 | Bug     | View service not rendering entity section   | New         | Normal   |                |                |
| 7022 | Bug     | Fatal processing error when updating an object with incorrect sysmeta   | New         | Normal   |                |                |
| 7011 | Bug     | Bar labels "Time period of data" graph on #profile is cut off   | New         | Normal   | Lauren Walker  | 1.X.0          |
| 7001 | Bug     | Odd sidebar rendering when switching resolutions  | New         | Normal   |                |                |
| 6995 | Task    | Error message doesn't provide cause of error  | New         | Normal   |                |                |
| 6994 | Bug     | Bad call to MNStorage.update() via REST API can result in bad state and StackOverflowErrors   | New         | Normal   |                |                |
| 6973 | Feature | Consider giving the user special feedback when viewing data packages with many (>1000) files  | New         | Normal   |                |                |
| 6967 | Bug     | If the most recent version of a metadata record is archived, the "there is a newer version..." message does not display                       | New         | Normal   | Lauren Walker  | 2.0.0          |
| 6961 | Story   | User interface changes to DataONE theme   | New         | Normal   | Lauren Walker  |                |
| 6959 | Bug     | http response charset not included  | New         | Normal   | ben leinfelder |                |
| 6952 | Bug     | error trying updating metadata on <a href="https://knb.ecoinformatics.org/#view/knb.894.1">https://knb.ecoinformatics.org/#view/knb.894.1</a> | New         | Normal   |                |                |
| 6951 | Feature | Develop XSLT for ISO-19119 for Member Node Services   | New         | Normal   |                |                |
| 6947 | Task    | Add MN Services display to search result views  | New         | Normal   | Lauren Walker  | 2.0.0          |
| 6929 | Task    | Add bar graph of downloads over time  | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6924 | Task    | Add spatial map of datasets in profiles   | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6923 | Story   | Enhance User, Group, and Member Node profiles   | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6907 | Bug     | Search for object ID irregularly successful   | New         | Normal   | Lauren Walker  |                |
| 6879 | Bug     | Popover box in Google Maps does not always display  | New         | Normal   | Lauren Walker  | 2.0.0          |
| 6861 | Feature | Indicate which member nodes have no matches for the given search  | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6859 | Feature | Add link to user's profile from Metadata View   | New         | Normal   |                | 1.X.0          |
| 6858 | Bug     | Allow users to save their search via a bookmarkable/sharable link   | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6857 | Bug     | Make COINS work with Chrome (and other browser) extensions  | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6852 | Feature | Enhance Provenance Display in the Metadata View   | New         | Normal   |                |                |
| 6849 | Feature | Create new layout for displaying 'other entities'   | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6848 | Feature | Add link to send another verification email   | New         | Normal   | ben leinfelder |                |
| 6846 | Bug     | Morpho hangs when exporting data package  | New         | Normal   |                |                |
| 6843 | Feature | Query NCEAS admin db for current projects for Registry and custom filter tools  | New         | Normal   | Lauren Walker  | 1.X.0          |
| 6838 | Support | LTER user can't log in  | In Progress | Normal   | ben leinfelder | Unspecified    |
| 6810 | Feature | Create detailed user documentation for MetacatUI  | New         | Normal   | Lauren Walker  | 2.0.0          |
| 6805 | Feature | Show error message with Solr query error  | New         | Normal   | Lauren Walker  |                |
| 6795 | Bug     | parameters in composite actor not configured properly   | New         | Normal   |                |                |

| #    | Tracker | Subject  | Status      | Priority | Assignee         | Target version |
|------|---------|--|-------------|----------|------------------|----------------|
| 6794 | Bug     | Cannot run two instances at the same time with two different users   | New         | Normal   | Daniel Crawl     |                |
| 6788 | Feature | Determine geohash level for map tiles before sending the Solr query  | New         | Normal   | Lauren Walker    | 1.X.0          |
| 6787 | Feature | Add dataset citation info from PLOS DLM api  | New         | Normal   | Peter Slaughter  |                |
| 6777 | Feature | Use ITIS API for semantic searching using the taxon filter   | New         | Normal   | Lauren Walker    |                |
| 6767 | Feature | Allow search terms to be grouped by "OR"   | New         | Normal   | Lauren Walker    |                |
| 6746 | Bug     | Should create a Ecogrid tag from SEEK/Branch_1_2_3 for Metacat   | New         | Normal   | Jing Tao         |                |
| 6745 | Bug     | Morpho main window doesn't look good in windows 8  | New         | Normal   |                  |                |
| 6718 | Bug     | Consider not mapping search results with a 0,0,0,0 bounding box  | New         | Normal   | Lauren Walker    | 1.X.0          |
| 6712 | Task    | Consider a two-column layout on each side of the prov chart to better show the flow of data and programs       | New         | Normal   | Lauren Walker    |                |
| 6711 | Task    | Add back button for prov trace   | New         | Normal   | Lauren Walker    |                |
| 6710 | Task    | Have left-right swiping animation as the user navigates the prov trace   | New         | Normal   | Lauren Walker    |                |
| 6709 | Task    | Show a broader view of the provenance trace in a pop-up window   | New         | Normal   | Lauren Walker    |                |
| 6706 | Feature | Add provenance fields to the online registry   | New         | Normal   | Lauren Walker    |                |
| 6705 | Feature | Find mapped identities when doing actions involving authentication   | New         | Normal   | Lauren Walker    | 1.X.0          |
| 6702 | Bug     | Import metadata indexing option  | New         | Normal   | ben leinfelder   |                |
| 6701 | Bug     | Entity descriptions can't be added outside wizard  | New         | Normal   | ben leinfelder   | 2.0.0          |
| 6700 | Bug     | Pub date field   | New         | Normal   | ben leinfelder   | 2.0.0          |
| 6699 | Bug     | Prompt asks for credentials in Chrome on Android 4.4.2   | New         | Normal   | Lauren Walker    |                |
| 6698 | Feature | Look at sorting by relevancy features in Solr  | New         | Normal   | Lauren Walker    |                |
| 6683 | Task    | Create responsive styling for the prov charts  | In Progress | Normal   | Lauren Walker    |                |
| 6682 | Task    | Add tooltip to provenance features for more info   | New         | Normal   | Lauren Walker    |                |
| 6664 | Feature | Store the resource map ID of the selected dataset in the SolrResult model and retrieve it in the Metadata View | New         | Normal   | Lauren Walker    | 1.X.0          |
| 6660 | Task    | Add more options to the Person filter  | New         | Normal   | Lauren Walker    |                |
| 6649 | Bug     | Metacat MN.create method doesn't check if the identifier exists in CNs (dataone network)                       | New         | Normal   | Jing Tao         |                |
| 6648 | Feature | Create and use a field name map in all index requests  | New         | Normal   | Lauren Walker    |                |
| 6641 | Feature | add additional stats to #profile page  | New         | Normal   | Lauren Walker    |                |
| 6636 | Task    | Add event listeners for hover features on mobile devices   | New         | Normal   | Lauren Walker    |                |
| 6628 | Feature | Add copy/paste R and Matlab code snippet for downloading a DataONE package                                     | New         | Normal   | Lauren Walker    | 1.X.0          |
| 6618 | Bug     | Make production morpho work on Java 7  | New         | Normal   | Jing Tao         |                |
| 6614 | Bug     | parameter editor background color different on Linux   | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 6608 | Feature | Make filters in the data search view less cryptic when linking to a direct query                               | New         | Normal   | Lauren Walker    |                |
| 6599 | Task    | Display image thumbnails in the Metadata View  | New         | Normal   | Lauren Walker    | 1.X.0          |



| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version  |
|------|---------|---|-------------|----------|------------------|-----------------|
| 6594 | Feature | cannot download from a tag  | New         | Normal   | Daniel Crawl     | 2.X.Y           |
| 6589 | Bug     | common name in taxonomic coverage   | New         | Normal   | ben leinfelder   |                 |
| 6588 | Bug     | R actor does not have error for missing output  | New         | Normal   | ben leinfelder   | 2.X.Y           |
| 6581 | Feature | Use the same language for unaffiliated accounts in "Create" and "Log in" dropdowns  | New         | Normal   | Lauren Walker    |                 |
| 6580 | Bug     | element "alternateldentifier" should be non-empty string type.  | New         | Normal   |                  |                 |
| 6575 | Feature | reference parameters in R actor's script  | New         | Normal   | ben leinfelder   | 2.X.Y           |
| 6574 | Bug     | document use of ORCID ids in userId field   | New         | Normal   | Matt Jones       | EML2.2.0        |
| 6571 | Bug     | Kepler command line execution won't exit if the parameter to be set in command line does not exist in the workflow.               | New         | Normal   | Daniel Crawl     |                 |
| 6562 | Task    | Do not send query for geohashes and autocomplete facets when navigating to different page in results                              | New         | Normal   | Lauren Walker    |                 |
| 6554 | Feature | Tag the Metacat doc pages to populate the docs index  | New         | Normal   | Lauren Walker    |                 |
| 6544 | Bug     | Check the validity of the URL before letting someone save it.   | New         | Normal   |                  |                 |
| 6533 | Feature | Add capability to switch between querying the MN and CN in the search interface   | New         | Normal   |                  |                 |
| 6523 | Story   | Enhance SEO of MetacatUI  | New         | Normal   |                  |                 |
| 6516 | Bug     | Solr index doesn't work in the remote host in the replication when a host is ubuntu 12.04 and another one is ubuntu 14.04         | New         | Normal   |                  |                 |
| 6510 | Feature | Display embedded videos in the metadata view  | New         | Normal   | Lauren Walker    |                 |
| 6500 | Bug     | Give users ability to import certificates into Morpho easily  | New         | Normal   |                  | 2.1.0           |
| 6483 | Feature | Create "filter" views and models to control the search filters  | In Progress | Normal   | Lauren Walker    |                 |
| 6481 | Bug     | strange issue with MultipleTabDisplay actor and with Display like actors in general (missing output port in non-gui mode)         | New         | Normal   |                  |                 |
| 6453 | Bug     | Dock icon changes to coffee cup   | New         | Normal   |                  |                 |
| 6445 | Feature | Alter replicaPolicies.sh so that the script will iterate over pages of objects instead of updating the count in the code manually | New         | Normal   | Lauren Walker    |                 |
| 6437 | Story   | Upgrade to SOLR 4 or 5  | New         | Normal   | Jing Tao         | 2.x.y           |
| 6436 | Bug     | + characters are not URL-encoded when part of a text search and are therefore being decoded in metacat as a space character       | New         | Normal   | Lauren Walker    |                 |
| 6434 | Feature | add workflow execution time and other metadata to report designer   | New         | Normal   | Derik Barseghian | reporting-2.X.Y |
| 6416 | Feature | Do not allow restrictive access control change to content with a DOI  | In Progress | Normal   | ben leinfelder   | 2.x.y           |
| 6413 | Bug     | error when switching to DDF inside Case refinement  | New         | Normal   | Derik Barseghian |                 |
| 6410 | Bug     | The box selection of Geographic Coverage screen doesn't work  | New         | Normal   |                  |                 |
| 6392 | Task    | Create workflow encapsulating Sid's analysis  | New         | Normal   | Matt Jones       |                 |
| 6391 | Task    | document and upload Sid's data to a DataONE repository  | New         | Normal   | Corinna Gries    |                 |
| 6390 | Task    | organize Sid's R scripts and data   | New         | Normal   | Sydney Jones     |                 |

| #    | Tracker | Subject  | Status      | Priority | Assignee      | Target version       |
|------|---------|--|-------------|----------|---------------|----------------------|
| 6389 | Story   | create example analysis and workflows  | New         | Normal   |               |                      |
| 6384 | Feature | Metric: statistics   | New         | Normal   |               |                      |
| 6383 | Feature | Metric: time-lag analysis  | New         | Normal   |               |                      |
| 6382 | Feature | Metric: population stability   | New         | Normal   |               |                      |
| 6381 | Feature | Metric: community stability  | New         | Normal   |               |                      |
| 6380 | Feature | Metric: ordination (NMDS)  | New         | Normal   |               |                      |
| 6379 | Dataset | Small Mammal Mark-Recapture Population Dynamics at Core Research Sites at the Sevilleta National Wildlife Refuge, New Mexico (1989-2013) | New         | Normal   |               |                      |
| 6378 | Dataset | Grassland Vegetation Line-Intercept Transects at the Sevilleta National Wildlife Refuge, New Mexico (1989 - 2013)                        | New         | Normal   |               |                      |
| 6377 | Dataset | Konza vegetation species composition (1989-2011)   | New         | Normal   |               |                      |
| 6376 | Dataset | Konza seasonal summary of numbers of small mammals on the LTER traplines in prairie (1994-2011)  | New         | Normal   |               |                      |
| 6375 | Task    | First Community Workshop day 3   | New         | Normal   |               |                      |
| 6374 | Task    | First Community Workshop day 2   | New         | Normal   |               |                      |
| 6373 | Task    | First Community Workshop   | New         | Normal   |               |                      |
| 6362 | Feature | Add an id to the year element in the citation in eml-indentifier.xsl   | New         | Normal   |               | 2.x.y                |
| 6355 | Feature | Print "N/A" or similar when EML fields don't exist rather than print a blank node  | New         | Normal   |               |                      |
| 6345 | Task    | Integrate Domeo annotator (perhaps)  | New         | Normal   |               | sms-core-1.0.0       |
| 6317 | Feature | Add delete button to the Metadata view for archiving objects   | New         | Normal   | Lauren Walker |                      |
| 6283 | Feature | add field to reference data usage citations  | New         | Normal   | Matt Jones    | EML2.2.0             |
| 6269 | Task    | Integrate SemantEco Annotator from RPI   | New         | Normal   |               | sms-core-1.0.0       |
| 6268 | Task    | Annotation in REML package   | New         | Normal   |               | sms-core-1.0.0       |
| 6267 | Task    | Filter on Person   | New         | Normal   |               | metacat-plugin-1.0.0 |
| 6266 | Task    | Filter on Characteristic   | New         | Normal   |               | metacat-plugin-1.0.0 |
| 6265 | Task    | Choose query language  | New         | Normal   |               | sms-index-1.0.0      |
| 6264 | Task    | Define message types for all APIs  | New         | Normal   |               | sms-core-1.0.0       |
| 6263 | Task    | Define APIs for all component interfaces   | New         | Normal   |               | sms-core-1.0.0       |
| 6262 | Task    | System component collaboration diagrams  | New         | Normal   |               | sms-core-1.0.0       |
| 6261 | Task    | Lifecycle design diagram   | New         | Normal   |               | sms-core-1.0.0       |
| 6260 | Task    | Review annotation model with partners  | New         | Normal   |               | sms-core-1.0.0       |
| 6259 | Task    | Specify Annotation serialization format[s]   | New         | Normal   |               | sms-core-1.0.0       |
| 6258 | Task    | Create annotation specification (RDFS?)  | New         | Normal   |               | sms-core-1.0.0       |
| 6257 | Task    | Annotation model diagrams  | In Progress | Normal   |               | sms-core-1.0.0       |

| #    | Tracker | Subject  | Status      | Priority | Assignee         | Target version           |
|------|---------|--|-------------|----------|------------------|--------------------------|
| 6256 | Story   | Design/implement annotation generation system  | New         | Normal   |                  | sms-core-1.0.0           |
| 6255 | Story   | Design/implement semantic search UI  | New         | Normal   |                  | metacat-plugin-1.0.0     |
| 6254 | Story   | Design/implement semantic query service and syntax   | In Progress | Normal   |                  | sms-index-1.0.0          |
| 6253 | Story   | Design/implement semantic indexing system  | In Progress | Normal   | ben leinfelder   | sms-index-1.0.0          |
| 6252 | Story   | Design/implement storage system  | New         | Normal   |                  | sms-core-1.0.0           |
| 6251 | Story   | Design whole-system semantic architecture  | New         | Normal   |                  | sms-core-1.0.0           |
| 6250 | Story   | Create domain ontology (measurement types)   | New         | Normal   |                  | sms-core-1.0.0           |
| 6249 | Story   | Define annotation model  | New         | Normal   |                  | sms-core-1.0.0           |
| 6229 | Feature | Make results list resizable via jQueryUI Resizable functionality   | New         | Normal   | Lauren Walker    | 1.X.0                    |
| 6225 | Bug     | Need a link for account skin to come back the home page  | New         | Normal   |                  |                          |
| 6185 | Bug     | Chinese characters are sorted before alphanumeric characters   | New         | Normal   |                  |                          |
| 6175 | Bug     | GenericJobSubmission actor sometimes runs job without completing data transfer.  | New         | Normal   |                  |                          |
| 6147 | Task    | Add ability to set logo and brand for group  | New         | Normal   |                  |                          |
| 6112 | Bug     | Use .morpho when we release the morpho   | New         | Normal   | ben leinfelder   | 2.0.0                    |
| 6103 | Bug     | Sort by Identifier sorts capitalized letters separately from undercase letters   | New         | Normal   |                  |                          |
| 6102 | Bug     | actor classes not saved properly in KAR files  | New         | Normal   | Derik Barseghian |                          |
| 6084 | Story   | Use SOLR query instead of pathquery  | New         | Normal   | Jing Tao         | 2.1.0                    |
| 6079 | Feature | Support JSON or XML output from emlparger  | New         | Normal   | ben leinfelder   | EMLPARSER_2_1_1_UPDATE_3 |
| 6049 | Feature | Render some SystemMetadata details in views  | New         | Normal   | ben leinfelder   | 1.X.0                    |
| 6045 | Bug     | Morpho not correctly handling Chinese characters   | In Progress | Normal   | ben leinfelder   |                          |
| 6044 | Bug     | Enable sub-text searching in Solr queries  | In Progress | Normal   | Chris Jones      |                          |
| 6038 | Bug     | In the systemmetadata table on the dev2 machine, some guids have archived=false and obsoleted_by= null, but the guids are the values of obsoletes of the other rows. | New         | Normal   |                  |                          |
| 6034 | Feature | Simplify configuration for certificate delegation  | New         | Normal   | ben leinfelder   | 2.x.y                    |
| 6032 | Feature | Add schema.org dataset annotations to dataset views  | In Progress | Normal   | Matt Jones       | 1.X.0                    |
| 6022 | Bug     | Morpho error on government computer with Windows 7   | In Progress | Normal   | ben leinfelder   |                          |
| 6013 | Story   | KNB rebranding   | New         | Normal   |                  |                          |
| 6010 | Bug     | Windows 8 installation error   | New         | Normal   | ben leinfelder   |                          |
| 5998 | Feature | Add publication date property to keywordSet  | New         | Normal   | Matt Jones       | EML2.2.0                 |
| 5995 | Feature | Add Most Cited section to pre-canned sidebar searches  | New         | Normal   |                  |                          |
| 5994 | Task    | Create REST API for accessing statistics   | New         | Normal   |                  | 2.x.y                    |
| 5993 | Task    | Summarize and index statistics for fast access   | New         | Normal   |                  | 2.x.y                    |
| 5992 | Task    | Track citations  | New         | Normal   |                  | 2.x.y                    |

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version |
|------|---------|---|-------------|----------|------------------|----------------|
| 5991 | Task    | Track views   | New         | Normal   |                  | 2.x.y          |
| 5990 | Task    | Track downloads   | New         | Normal   |                  | 2.x.y          |
| 5989 | Feature | Track data download, view and citation statistics   | In Progress | Normal   | Peter Slaughter  | 2.x.y          |
| 5988 | Task    | Create mechanism to associate images for slide show with featured data  | New         | Normal   |                  |                |
| 5986 | Task    | Mechanism to flag data as featured for the query  | New         | Normal   |                  |                |
| 5985 | Feature | Add ability to 'tag' or annotate data sets with various types of terms  | New         | Normal   |                  | 1.X.0          |
| 5982 | Feature | Plans page  | New         | Normal   | Matt Jones       |                |
| 5980 | Task    | Add result thumbnails to results listing  | New         | Normal   |                  |                |
| 5979 | Task    | Choose new site name  | In Progress | Normal   | Matt Jones       |                |
| 5977 | Feature | Port web-based data-registry to backbone/bootstrap  | New         | Normal   |                  |                |
| 5972 | Feature | Implement pre-caching of one or more prior and next result pages for faster page transitions                            | New         | Normal   | Matt Jones       |                |
| 5958 | Feature | Implement Featured Data query and display   | New         | Normal   |                  |                |
| 5953 | Feature | Design and implement 'Your Collections' feature   | New         | Normal   |                  |                |
| 5887 | Bug     | Handle the query result set which contains the revision chains of documents   | New         | Normal   | ben leinfelder   | 2.0.0          |
| 5872 | Bug     | Irregularities with access control  | New         | Normal   | ben leinfelder   | Unspecified    |
| 5848 | Bug     | Ensure Morpho can edit EML contributed by DataUp  | New         | Normal   | ben leinfelder   | 2.1.0          |
| 5847 | Bug     | Morpho says that it will save the eml as eml 2.1.1, but it saved still as 2.0.1   | New         | Normal   | Jing Tao         | Unspecified    |
| 5845 | Bug     | illegible fonts when remoting via X   | New         | Normal   | ben leinfelder   | Unspecified    |
| 5842 | Bug     | the .data.properties file has some odd entries  | New         | Normal   | Jing Tao         | Unspecified    |
| 5836 | Bug     | Logs  | New         | Normal   | ben leinfelder   | Unspecified    |
| 5835 | Bug     | Leaks   | New         | Normal   | ben leinfelder   | Unspecified    |
| 5834 | Bug     | Fix Kepler Javadoc warnings   | New         | Normal   |                  | Unspecified    |
| 5830 | Bug     | Deployment directory incorrect  | New         | Normal   | ben leinfelder   | 2.x.y          |
| 5828 | Bug     | docids not validated  | New         | Normal   | ben leinfelder   | Unspecified    |
| 5823 | Bug     | Improve save-to-network performance   | New         | Normal   | Jing Tao         | 2.1.0          |
| 5821 | Bug     | Allow certificate-based Metacat administration  | New         | Normal   | ben leinfelder   | 2.x.y          |
| 5809 | Bug     | Default save behavior to always include local store   | New         | Normal   | ben leinfelder   | Unspecified    |
| 5805 | Bug     | Local and Network revisions show at same time in search results   | In Progress | Normal   | ben leinfelder   | 2.0.0          |
| 5780 | Bug     | DataONE object listing doesn't show the updated data package by morpho  | New         | Normal   | ben leinfelder   | Unspecified    |
| 5779 | Bug     | Owners list reorders its entries  | In Progress | Normal   | ben leinfelder   | 1.11.1         |
| 5774 | Bug     | Only save the system metadata to local and network if users only modify the system metadata rather than the data or eml | New         | Normal   | ben leinfelder   | Unspecified    |
| 5771 | Bug     | Internet Explore 9 in Win7 doesn't save drop down parameter choices   | New         | Normal   | Derik Barseghian | unknown        |

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version    |
|------|---------|---|-------------|----------|------------------|-------------------|
| 5770 | Bug     | Internet Explorer 9 in Win7 doesn't properly show the "Are you sure you want to leave" dialog       | New         | Normal   | Derik Barseghian | unknown           |
| 5766 | Bug     | Include data identifier in EML (rather than ecogrid:// URL)   | New         | Normal   | ben leinfelder   | 2.1.0             |
| 5765 | Bug     | automatically determine whether to use Table or Raw view  | New         | Normal   | Derik Barseghian | unknown           |
| 5764 | Bug     | move pipe Cache Time setting to Settings page   | New         | Normal   | Derik Barseghian | unknown           |
| 5760 | Bug     | saving xml to existing file asks twice on mac   | In Progress | Normal   | Daniel Crawl     | 2.X.Y             |
| 5757 | Bug     | Add identifier scheme drop down to id conflict window   | New         | Normal   | ben leinfelder   | 2.1.0             |
| 5751 | Bug     | EML stylesheet problem for i18n text  | New         | Normal   | Margaret O'Brien | Unspecified       |
| 5747 | Bug     | Open ORE documents locally  | New         | Normal   | ben leinfelder   | 2.1.0             |
| 5743 | Bug     | Include ORE identifier in search results  | New         | Normal   | ben leinfelder   | 2.1.0             |
| 5736 | Bug     | Morpho DataONE refactor - tracker   | New         | Normal   | ben leinfelder   | 2.0.0             |
| 5735 | Bug     | Decide on primary package identifier  | New         | Normal   | ben leinfelder   | 2.1.0             |
| 5731 | Bug     | parser does not recognize attribute/@id in additionalMetadata/describes                             | New         | Normal   | Matt Jones       | Unspecified       |
| 5730 | Bug     | allowDisconnectedGraphs is now always true for SP, documentation must be updated                    | In Progress | Normal   | Derik Barseghian | DRD project end   |
| 5729 | Bug     | problems with parameter choices that end in whitespace  | New         | Normal   | Derik Barseghian | DRD project end   |
| 5728 | Bug     | I18N is incomplete in EML 2.1.1   | New         | Normal   | Matt Jones       | Unspecified       |
| 5724 | Bug     | Display actor's suppressBlankLines parameter not working  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5721 | Bug     | Add ModelRepaintController to the Kepler library  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5715 | Bug     | Actor Reference documentation   | New         | Normal   | jianwu jianwu    | 2.X.Y             |
| 5707 | Bug     | Auto-check for newer version of Morpho on start-up  | New         | Normal   | ben leinfelder   | Postpone          |
| 5706 | Bug     | Menu bar font color in Ubuntu difficult to read   | New         | Normal   | ben leinfelder   | 1.10.0            |
| 5704 | Bug     | update documentation for species binomials  | New         | Normal   | Matt Jones       | Unspecified       |
| 5699 | Bug     | Change the workflow scheduler server documentation link in the workflow-scheduler-gui module        | New         | Normal   | Jing Tao         | 2.X.Y             |
| 5698 | Bug     | datapackage uploads to dev2 metacat are currently slow  | New         | Normal   | Jing Tao         | Unspecified       |
| 5697 | Bug     | Workflow Run Manager can fail to Force Open a run kar that Kepler can                               | New         | Normal   | Derik Barseghian | Unspecified       |
| 5695 | Bug     | more automatic module update process.   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5693 | Bug     | decide on issuing patches so older versions of kepler can upload accessible items to Metacats > 2.0 | New         | Normal   | Jing Tao         | Unspecified       |
| 5692 | Bug     | Values not committed to actors  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5690 | Bug     | problems with updateActorDocs   | New         | Normal   | Daniel Crawl     | Unspecified       |
| 5687 | Bug     | investigate alternatives to workflow versioning   | New         | Normal   | Daniel Crawl     | 2.X.Y             |
| 5686 | Bug     | datasets produced by archiveDataturbineDataToMetacat workflow show samples 'sliding' in time        | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5685 | Bug     | data isn't always chunked properly  | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |

| #    | Tracker | Subject  | Status      | Priority | Assignee           | Target version    |
|------|---------|--|-------------|----------|--------------------|-------------------|
| 5682 | Bug     | ontology classes require unique label  | New         | Normal   | Derik Barseghian   | 2.X.Y             |
| 5679 | Bug     | the workflows in sensor-view should be resaved beneath sensor-view-0.9.0 so users aren't prompted to force open them | In Progress | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5678 | Bug     | growingDegreeDays workflow at kepler repository has type resolve error   | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5675 | Bug     | new ProgressMeter demo workflows give errors when opening in sensor-view-0.9.0                                       | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5674 | Bug     | The patch downloader dialog can fail to automatically restart Kepler   | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5673 | Bug     | if user has newer version of module than exists in repository, old version will be downloaded                        | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5672 | Bug     | java -jar sensorview-utils-1.0.jar should invoke a simple java app that prints help                                  | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5671 | Bug     | Workflow Run Manager tries to connect to keplerDevRepository as a database instead of kar store                      | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5670 | Bug     | see if runtimeMonitor module can be deleted, contains duplicate code   | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5667 | Bug     | reevaluate how opening kars vs. XML should work from actor library.  | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5666 | Feature | Build system needs a target to build all common or blessed non-core modules  | New         | Normal   | Derik Barseghian   | 2.X.Y             |
| 5664 | Bug     | Check for duplicate code   | New         | Normal   | Christopher Brooks | 2.X.Y             |
| 5652 | Bug     | Geon Scp and spa Ssh2Exec have duplicate code.   | New         | Normal   | Daniel Crawl       | 2.X.Y             |
| 5646 | Bug     | Switching some of the add-on modules to core   | New         | Normal   | Ilkay Altintas     | 2.X.Y             |
| 5645 | Bug     | kar uploading should need user account.  | New         | Normal   | Derik Barseghian   | 2.X.Y             |
| 5641 | Bug     | once timezones are added to provenance, Workflow Run Manager must utilize them                                       | New         | Normal   | Derik Barseghian   | reporting-2.X.Y   |
| 5640 | Bug     | associate timezones with all timestamps recorded in provenance tables  | New         | Normal   | Daniel Crawl       | reporting-2.X.Y   |
| 5639 | Bug     | ant update ptolemy -Drev=stable doesn't update you to latest "stable"  | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5632 | Bug     | RuntimeMonitor token count indicator placement needs improvement   | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5631 | Bug     | PortParameters cannot be drag-instantiated from Outline/Items of Interest trees                                      | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5630 | Bug     | See about removing one set of ColorTableCellEditor and ColorTableCellRender classes                                  | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5628 | Bug     | possible to get NPE when right-clicking on kar in Components tree  | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5627 | Bug     | List all possible port types in actor Types drop down list   | New         | Normal   | Derik Barseghian   | 2.X.Y             |
| 5626 | Feature | interacting with kepler.sh to know the status and other information in batch-mode.                                   | New         | Normal   | jianwu jianwu      | 2.X.Y             |
| 5617 | Bug     | date time format strings need a system   | New         | Normal   | Matt Jones         | Unspecified       |
| 5615 | Bug     | Examine HTML skins for EML   | New         | Normal   | Margaret O'Brien   | Unspecified       |
| 5614 | Bug     | Build system should not require svn binary   | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5612 | Bug     | String index out of range in R actor   | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5611 | Bug     | LinearModel actor doesn't handle input variables properly  | New         | Normal   | Derik Barseghian   | Unspecified       |
| 5608 | Bug     | Enable all FK constraints in Metacat production [copies]   | New         | Normal   | ben leinfelder     | Unspecified       |
| 5600 | Bug     | Import Site Layout performance is poor for many connections at once  | New         | Normal   | Derik Barseghian   | sensor-view-1.x.y |
| 5599 | Bug     | absence of line feeds in eml causes pathQuery to not find some elements  | New         | Normal   | ben leinfelder     | Unspecified       |

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version    |
|------|---------|---|-------------|----------|------------------|-------------------|
| 5596 | Bug     | Kepler UI freezes after Login Anonymously   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5594 | Bug     | use input and output port icons in Items of Interest  | New         | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5593 | Bug     | use setDefaultWidth in actors   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5591 | Bug     | Workflow Run Manager error downloading run for which module dependencies not satisfied          | New         | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5590 | Bug     | RExpression forces pdf if 'automatically show graphics' is checked                              | New         | Normal   | ben leinfelder   | 2.X.Y             |
| 5586 | Bug     | Get newest version of local files in EML actor  | New         | Normal   | Jing Tao         | 2.X.Y             |
| 5585 | Bug     | Add date format E MMM d HH:mm:ss zzz yyyy to DateToString                                       | New         | Normal   | Derik Barseghian | Unspecified       |
| 5584 | Bug     | Create a Date To Long actor   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5583 | Bug     | Sensor Simulator controllable through Kepler  | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5582 | Bug     | DataTurbine server crashing the JRE   | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5581 | Bug     | Make UI improvements to Components Download   | New         | Normal   | Derik Barseghian | 2.X.Y             |
| 5577 | Bug     | EML 2 Dataset actor EML File and Data File parameters should accept URLs                        | New         | Normal   | Jing Tao         | 2.X.Y             |
| 5559 | Bug     | Curation Package User Manual PDF  | New         | Normal   | Ilkay Altintas   | Unspecified       |
| 5558 | Bug     | Add kepler-tasks target to build.xml and use depend in kepler-tasks.xml                         | New         | Normal   | Derik Barseghian | Unspecified       |
| 5557 | Bug     | Replace hardcoded path separator with File.pathSeparator  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5556 | Bug     | Add key bind to GUI to avoid connecting edge prematurely  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5555 | Bug     | Add reverse index in ArrayElement   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5554 | Bug     | Build system doesn't recompile using dependencies by default                                    | In Progress | Normal   | Derik Barseghian | Unspecified       |
| 5553 | Bug     | setaccess action may have deleting access rule functionality                                    | New         | Normal   | ben leinfelder   | Unspecified       |
| 5548 | Bug     | Replace COS Mime multipart library  | New         | Normal   | ben leinfelder   | Unspecified       |
| 5547 | Bug     | Couldn't get the Register Data Form after login under Register Data tab on Sanparks skin        | New         | Normal   | Jing Tao         | 2.x.y             |
| 5541 | Bug     | Kepler crashes on startup with NoClassDefFoundError   | New         | Normal   | Derik Barseghian | Unspecified       |
| 5538 | Bug     | Eclipse uses different .class files from ant run  | New         | Normal   | Derik Barseghian | Unspecified       |
| 5535 | Bug     | The 611 CDR documents replicated to KNB need to be repaired by fixing their inline data.        | New         | Normal   | ben leinfelder   | Unspecified       |
| 5522 | Bug     | download linked KNB data and convert links in EML to ORE packages                               | New         | Normal   | ben leinfelder   | 2.x.y             |
| 5518 | Bug     | Track down the performance issue of metacat query.  | In Progress | Normal   | ben leinfelder   | 2.x.y             |
| 5511 | Bug     | If Kepler-2.2 is running, then opening a .kar in Kepler trunk produces exceptions               | New         | Normal   | Derik Barseghian | Unspecified       |
| 5510 | Bug     | On Ubuntu, Kepler can disappear from the dock while still running                               | New         | Normal   | Derik Barseghian | 2.X.Y             |
| 5493 | Bug     | tomcat crashes frequently   | In Progress | Normal   | Michael Lee      | 3.0.0             |
| 5492 | Bug     | Install Metacat 1.9.5, workflow scheduler and workflow run engine on the SANParks server        | New         | Normal   | Jing Tao         | Unspecified       |
| 5491 | Bug     | Wrap up the TPC workflows and upload the kar file to SANPARKS metacat                           | New         | Normal   | Jing Tao         | Unspecified       |
| 5483 | Bug     | Another Kepler GUI will nuke the ~/.kepler/cache generated by the kepler in workflow run engine | New         | Normal   | David Welker     | Unspecified       |

| #    | Tracker | Subject  | Status      | Priority | Assignee         | Target version    |
|------|---------|--|-------------|----------|------------------|-------------------|
| 5482 | Bug     | Module manager should run patch checker before restart   | New         | Normal   | David Welker     | Unspecified       |
| 5479 | Bug     | protect against running injected MoMLs   | New         | Normal   | Derik Barseghian | DRD project end   |
| 5478 | Bug     | after querying plants, communities, or plots, link back to search                                      | New         | Normal   | Michael Lee      | UnMilestoned      |
| 5477 | Bug     | leaving 'Execution engine status' page open can cause problems for apache                              | New         | Normal   | Derik Barseghian | DRD project end   |
| 5476 | Bug     | consolidate private data, and automatically fill it in   | New         | Normal   | Derik Barseghian | DRD project end   |
| 5475 | Bug     | Make the data manager handle multiple physical representations in an entity                            | New         | Normal   | Jing Tao         | Unspecified       |
| 5474 | Bug     | Make the eml actor on kepler handle multiple physical representations in an entity                     | New         | Normal   | David Welker     | Unspecified       |
| 5468 | Bug     | produce dynamic charts   | New         | Normal   | Derik Barseghian | DRD project end   |
| 5466 | Bug     | remove any private data from SciencePipes codebase   | In Progress | Normal   | Derik Barseghian | package 1         |
| 5465 | Bug     | make SciencePipes licensing compatible with Kepler   | New         | Normal   | Derik Barseghian | DRD project end   |
| 5464 | Bug     | move SciencePipes codebase to kepler repository  | In Progress | Normal   | Derik Barseghian | DRD project end   |
| 5444 | Bug     | Kepler can't run workflow if two instances exist at same time  | In Progress | Normal   | Daniel Crawl     | 2.X.Y             |
| 5435 | Bug     | passing string into a parameter for headless execution doesn't work                                    | New         | Normal   | David Welker     | Unspecified       |
| 5429 | Bug     | improve default provenance store performance   | New         | Normal   | Daniel Crawl     | reporting-2.X.Y   |
| 5427 | Bug     | round-trip encoding of missing values uploaded then queried from a db table is lost                    | New         | Normal   | Jing Tao         | Unspecified       |
| 5425 | Bug     | error when running -nocache and no .kepler   | New         | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5423 | Bug     | Put kepler-server war file and kepler executatibe as part of normal installation procedure             | New         | Normal   | Derik Barseghian | Unspecified       |
| 5413 | Bug     | large run deletion via the WRM with hsql provenance store takes a very long time and no gui feedback   | New         | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5401 | Bug     | Workflow archiving dataturbine data to metacat should check the last archiving time through repository | New         | Normal   | Derik Barseghian | Unspecified       |
| 5400 | Bug     | User can specify the interval of data chunk in the workflow archiving dataturbine data to metacat      | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5391 | Bug     | build process into war file does not generate faq.html   | New         | Normal   | Michael Lee      | UnMilestoned      |
| 5389 | Bug     | Finalize CF data for Community Description Analysis (Peet and Wentworth)                               | New         | Normal   | Robert Peet      | Unspecified       |
| 5388 | Bug     | Migrate CF projects to Archive DB  | New         | Normal   | Michael Lee      | Unspecified       |
| 5387 | Bug     | Update CF classification based on numerical (distance) analysis  | New         | Normal   | Forbes Boyle     | Unspecified       |
| 5386 | Bug     | Identify maritime fringe unknown specimens   | New         | Normal   | Forbes Boyle     | Unspecified       |
| 5385 | Bug     | Project 58 (Syngenta)  | New         | Normal   | Forbes Boyle     | Unspecified       |

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