

## Tickets grouped by Target version

| #                                   | Tracker | Subject  | Status | Priority | Assignee       | Target version           |
|-------------------------------------|---------|--|--------|----------|----------------|--------------------------|
| <b>EMLPARSER_2_1_1_UPDATE_3 (1)</b> |         |  |        |          |                |                          |
| 6079                                | Feature | Support JSON or XML output from emlparser                          | New    | Normal   | ben leinfelder | EMLPARSER_2_1_1_UPDATE_3 |
| <b>2.3.0 (1)</b>                    |         |  |        |          |                |                          |
| 6040                                | Task    | Metacat-index does not handle <references>                         | New    | High     | Jing Tao       | 2.3.0                    |
| <b>metacat-plugin-0.9.0 (5)</b>     |         |  |        |          |                |                          |
| 5365                                | Bug     | Context-based semantic query                                       | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 5366                                | Bug     | Integrate semantic query with keyword and spatial query            | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 5367                                | Bug     | Verify "same observation as" query criteria                        | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 5368                                | Bug     | Compound query conditions  | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 5371                                | Bug     | AnnotationManager: query performance                               | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| <b>morpho-plugin-0.9.0 (13)</b>     |         |  |        |          |                |                          |
| 4724                                | Bug     | Mark data package as changed when Annotation is edited             | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4769                                | Bug     | Save annotations to network  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4770                                | Bug     | Load Annotations from Metacat in Annotation plugin                 | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4771                                | Bug     | Decide permission policy for Annotations and Ontologies in Metacat | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4772                                | Bug     | Annotation cell selection also selects data table cell             | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4854                                | Bug     | Integrate Context Annotation tab with Column Annotation tab        | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4855                                | Bug     | Reorder the Full Annotation rows to match madlib order             | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4856                                | Bug     | Ontology Browser as a non-modal palette                            | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4935                                | Bug     | Lazily load semtools plugin  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4946                                | Bug     | Look-ahead search freezes  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 5078                                | Bug     | Measurement templates  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 5135                                | Bug     | Loading ontology from local file does not seem functional          | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 5374                                | Bug     | Use 'semquery' within Morpho                                       | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| <b>metacat-plugin-1.0.0 (3)</b>     |         |  |        |          |                |                          |
| 6255                                | Story   | Design/implement semantic search UI                                | New    | Normal   |                | metacat-plugin-1.0.0     |
| 6266                                | Task    | Filter on Characteristic   | New    | Normal   |                | metacat-plugin-1.0.0     |
| 6267                                | Task    | Filter on Person   | New    | Normal   |                | metacat-plugin-1.0.0     |
| <b>oboe-1.1.0 (4)</b>               |         |  |        |          |                |                          |

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|----------------------------|---------|---|-------------|-----------|----------------|-----------------|
| 5001                       | Bug     | oboe-core: ensure new characteristic structure still supports unit conversion | New         | Normal    | Shawn Bowers   | oboe-1.1.0      |
| 5002                       | Bug     | oboe-unit: create new oboe-unit for oboe-core                                 | New         | Normal    | Shawn Bowers   | oboe-1.1.0      |
| 5003                       | Bug     | oboe: develop a high-level "getting started" guide / documentation            | New         | Normal    | Shawn Bowers   | oboe-1.1.0      |
| 5004                       | Bug     | oboe: create an oboe-examples ontology for documenting "best practices"       | New         | Normal    | Shawn Bowers   | oboe-1.1.0      |
| <b>sms-core-1.0.0 (18)</b> |         |   |             |           |                |                 |
| 4675                       | Bug     | EML:DataTable:Annotation cardinality  | New         | Normal    | ben leinfelder | sms-core-1.0.0  |
| 5373                       | Bug     | OntologyManager: registration and archiving                                   | New         | Normal    | ben leinfelder | sms-core-1.0.0  |
| 6249                       | Story   | Define annotation model   | New         | Normal    |                | sms-core-1.0.0  |
| 6250                       | Story   | Create domain ontology (measurement types)                                    | New         | Normal    |                | sms-core-1.0.0  |
| 6251                       | Story   | Design whole-system semantic architecture                                     | New         | Normal    |                | sms-core-1.0.0  |
| 6252                       | Story   | Design/implement storage system   | New         | Normal    |                | sms-core-1.0.0  |
| 6256                       | Story   | Design/implement annotation generation system                                 | New         | Normal    |                | sms-core-1.0.0  |
| 6257                       | Task    | Annotation model diagrams   | In Progress | Normal    |                | sms-core-1.0.0  |
| 6258                       | Task    | Create annotation specification (RDFS?)                                       | New         | Normal    |                | sms-core-1.0.0  |
| 6259                       | Task    | Specify Annotation serialization format[s]                                    | New         | Normal    |                | sms-core-1.0.0  |
| 6260                       | Task    | Review annotation model with partners   | New         | Normal    |                | sms-core-1.0.0  |
| 6261                       | Task    | Lifecycle design diagram  | New         | Normal    |                | sms-core-1.0.0  |
| 6262                       | Task    | System component collaboration diagrams                                       | New         | Normal    |                | sms-core-1.0.0  |
| 6263                       | Task    | Define APIs for all component interfaces                                      | New         | Normal    |                | sms-core-1.0.0  |
| 6264                       | Task    | Define message types for all APIs   | New         | Normal    |                | sms-core-1.0.0  |
| 6268                       | Task    | Annotation in REML package  | New         | Normal    |                | sms-core-1.0.0  |
| 6269                       | Task    | Integrate SemantEco Annotator from RPI  | New         | Normal    |                | sms-core-1.0.0  |
| 6345                       | Task    | Integrate Domeo annotator (perhaps)   | New         | Normal    |                | sms-core-1.0.0  |
| <b>sms-index-1.0.0 (4)</b> |         |   |             |           |                |                 |
| 5376                       | Bug     | Create JUnit tests for semantic query capabilities                            | New         | Normal    | ben leinfelder | sms-index-1.0.0 |
| 6253                       | Story   | Design/implement semantic indexing system                                     | In Progress | Normal    | ben leinfelder | sms-index-1.0.0 |
| 6254                       | Story   | Design/implement semantic query service and syntax                            | In Progress | Normal    |                | sms-index-1.0.0 |
| 6265                       | Task    | Choose query language   | New         | Normal    |                | sms-index-1.0.0 |
| <b>2.x.y (53)</b>          |         |   |             |           |                |                 |
| 421                        | Bug     | create simple turnkey installer for metacat Phase II                          | In Progress | Immediate | Michael Daigle | 2.x.y           |
| 1122                       | Bug     | XML document is a string in HttpServerletRequest object                       | In Progress | Normal    | Jing Tao       | 2.x.y           |
| 1123                       | Bug     | The DOM tree in EML parser probably cause memory issue                        | In Progress | Normal    | Jing Tao       | 2.x.y           |

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|------|---------|--|-------------|-----------|-----------------|----------------|
| 1213 | Bug     | emlbeta6 to eml2 conversion stylesheets should be relocatable  | In Progress | Normal    | Saurabh Garg    | 2.x.y          |
| 1297 | Bug     | Registry: Changes in the Basic Information   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 1299 | Bug     | Registry: NCEAS: Changes in project list box   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 1300 | Bug     | Changes in DataSet Orignator   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 1452 | Bug     | dtd filenames clash if reused for multiple PUBLIC identifiers  | In Progress | Normal    | Matt Jones      | 2.x.y          |
| 1542 | Bug     | SQL Server support broken  | New         | Immediate | Saurabh Garg    | 2.x.y          |
| 2130 | Bug     | Not able to delete DPs from KNB  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 2159 | Bug     | Metacat Performance: Divide xml_nodes based on the doctype   | New         | Normal    | Jing Tao        | 2.x.y          |
| 2176 | Bug     | Moderator UI and functionality for ESA   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2180 | Bug     | Make it easier for admin to add new layers   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 2187 | Bug     | Option to view map or metadata.  | New         | Normal    | Matthew Perry   | 2.x.y          |
| 2228 | Bug     | Use method other than metadata string filters for determining the organizations affiliated with a data package | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2229 | Bug     | Allowing web registry pull-down menu for "Station Name" to select multiple stations                            | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2313 | Bug     | Metacat Skins: Skins should not be installed by default  | New         | Normal    | Chris Jones     | 2.x.y          |
| 2501 | Bug     | Add links to FGDC-transformed version of EML documents   | New         | Normal    | Will Tyburczy   | 2.x.y          |
| 2734 | Bug     | Duplicates between organizations and more than one organization listed as a owner                              | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2849 | Bug     | Bounding box problems when spanning the meridian   | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2986 | Bug     | No need for restart tomcat after modifying metacat.properties  | New         | Normal    | Jing Tao        | 2.x.y          |
| 3024 | Bug     | recordDelimiter and fieldDelimiter display the unicode number on KNB   | New         | Normal    | Chris Barteau   | 2.x.y          |
| 3383 | Bug     | Create RPM/Deb installation utilities  | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 3396 | Bug     | Enable event notification feature  | In Progress | Immediate | Chris Jones     | 2.x.y          |
| 3402 | Bug     | internal dtDs are not handled  | In Progress | Immediate | ben leinfelder  | 2.x.y          |
| 3412 | Bug     | Kml file needs work- data set points icon and points "splitting" when clicked on                               | New         | Normal    | Jing Tao        | 2.x.y          |
| 3509 | Bug     | Fix XML Schema filesystem namespace conflicts and backups  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 3835 | Bug     | design and implement OAI-PMH compliant harvest subsystem   | In Progress | Immediate | Duane Costa     | 2.x.y          |
| 4044 | Bug     | start time replication command doesn't work on replControl.html of dev skin                                    | New         | Normal    | Chad Berkley    | 2.x.y          |
| 4442 | Bug     | Spatial indexing should not run and block metacat  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 4551 | Bug     | performance enhancement through index reduction  | In Progress | Normal    | Jing Tao        | 2.x.y          |
| 4573 | Bug     | LDAP and Register CGIs reference skin-specific templates in the common area                                    | New         | Normal    | Chris Jones     | 2.x.y          |
| 4602 | Bug     | Enable TLS for all LDAP functions  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5007 | Bug     | ESA registry: Logout link appears even when not logged in  | New         | Normal    | Shaun Walbridge | 2.x.y          |
| 5198 | Bug     | OAI-PMH: Data provider may fail to trigger reharvest of documents  | New         | Normal    | Chad Berkley    | 2.x.y          |

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| 5199                    | Bug     | OAI-PMH: Improve memory management of data provider catalog metadata   | New         | Normal    | Chad Berkley    | 2.x.y          |
| 5262                    | Bug     | EML document owner can't read the document   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5294                    | Bug     | Enable Junit test on <a href="http://dev-testing.dataone.org:8080/hudson/job/Metacat/">http://dev-testing.dataone.org:8080/hudson/job/Metacat/</a> | New         | Normal    | Jing Tao        | 2.x.y          |
| 5518                    | Bug     | Track down the performance issue of metacat query.   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 5522                    | Bug     | download linked KNB data and convert links in EML to ORE packages  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 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          |
| 5821                    | Bug     | Allow certificate-based Metacat administration   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5830                    | Bug     | Deployment directory incorrect   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5989                    | Feature | Track data download, view and citation statistics  | In Progress | Normal    | Peter Slaughter | 2.x.y          |
| 5990                    | Task    | Track downloads  | New         | Normal    |                 | 2.x.y          |
| 5991                    | Task    | Track views  | New         | Normal    |                 | 2.x.y          |
| 5992                    | Task    | Track citations  | New         | Normal    |                 | 2.x.y          |
| 5993                    | Task    | Summarize and index statistics for fast access   | New         | Normal    |                 | 2.x.y          |
| 5994                    | Task    | Create REST API for accessing statistics   | New         | Normal    |                 | 2.x.y          |
| 6034                    | Feature | Simplify configuration for certificate delegation  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 6362                    | Feature | Add an id to the year element in the citation in eml-indentifier.xml   | New         | Normal    |                 | 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          |
| 6437                    | Story   | Upgrade to SOLR 4 or 5   | New         | Normal    | Jing Tao        | 2.x.y          |
| <b>Unspecified (59)</b> |         |  |             |           |                 |                |
| 1879                    | Bug     | Metacat Performance: Summary   | New         | Immediate | Jing Tao        | Unspecified    |
| 2155                    | Bug     | Metacat Performace: Rewrite the xml_nodes queries  | In Progress | Immediate | Jing Tao        | Unspecified    |
| 2548                    | Bug     | Architecture for filtering features from WMS requests  | New         | Normal    | Michael Daigle  | Unspecified    |
| 2553                    | Bug     | squery needs to handle spatial query   | New         | Normal    | Michael Daigle  | Unspecified    |
| 2841                    | Bug     | ESA Registry edit feature does not work with submitted data sets   | In Progress | Normal    | Jing Tao        | Unspecified    |
| 3100                    | Bug     | Transformation from xml to html in Metacat read action sometimes take long time  | New         | Normal    | Jing Tao        | Unspecified    |
| 3104                    | Bug     | provide accessor for organization lists for clients to build login widgets   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3142                    | Bug     | metacat client uses in-memory buffer for posting data  | New         | Immediate | Jing Tao        | Unspecified    |
| 3175                    | Bug     | Add a thread to build xml_queryresult table when metacat startup   | New         | Normal    | Jing Tao        | Unspecified    |
| 3217                    | Bug     | Create simple tranformations to present permissions error messages in styled format  | New         | Normal    | Jing Tao        | Unspecified    |
| 3224                    | Bug     | Perl code should rely on canonical organization list provided by Metacat   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3272                    | Bug     | Add Keywords for SANParks and SAEON when uploading spatial data  | New         | Normal    | ben leinfelder  | Unspecified    |
| 3331                    | Bug     | ldap redirect does not work correctly if one of the ldap servers are down  | New         | Normal    | Jing Tao        | Unspecified    |

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|------|---------|--|-------------|-----------|-----------------|----------------|
| 3360 | Bug     | Many LDAP users not showing up in 'getprincipals' search                                 | In Progress | Normal    | Jing Tao        | Unspecified    |
| 3367 | Bug     | Harvester stores passwords in clear text   | New         | Immediate | Duane Costa     | Unspecified    |
| 3390 | Bug     | Data Catalog Map and IE 7.0.5730.11 brings up pop up windows that can be a problem       | New         | Normal    | Jing Tao        | Unspecified    |
| 3416 | Bug     | ArrayIndexOutOfBoundsException in DBConnectionPool                                       | New         | Normal    | Jing Tao        | Unspecified    |
| 3435 | Bug     | Confusion on how Metcat searches a string which is different than Google                 | New         | Normal    | Jing Tao        | Unspecified    |
| 3460 | Bug     | remove Isid section from citation section of xsl for skins OTHER than ESA                | New         | Normal    | Jing Tao        | Unspecified    |
| 3463 | Bug     | Registry upload: include organization/skin Keywords dropdown                             | New         | Normal    | ben leinfelder  | Unspecified    |
| 3511 | Bug     | combine XMLSchemaService and SchemaLocationResolver                                      | New         | Normal    | Michael Daigle  | Unspecified    |
| 3524 | Bug     | Refactor common test methods into base class   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3592 | Bug     | Update sitemap generation and registration   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3619 | Bug     | Convert eml beta4 and beta6 documents to eml 210 in knb production server                | New         | Normal    | Jing Tao        | Unspecified    |
| 3710 | Bug     | apt-get couldn't install metacat   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3730 | Bug     | Implement an isRequired field in the configuration metadata                              | New         | Normal    | Michael Daigle  | Unspecified    |
| 3742 | Bug     | Improve UI for selecting projects for NCEAS skin   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3755 | Bug     | Change property service to return null for blank properties                              | New         | Normal    | Michael Daigle  | Unspecified    |
| 3765 | Bug     | Backup configured passwords as encrypted values  | New         | Normal    | Michael Daigle  | Unspecified    |
| 3773 | Bug     | Remove places where document is read into memory   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3783 | Bug     | Optimize ESA moderator queries   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3830 | Bug     | Add the ability to modify multi-line properties  | New         | Normal    | Michael Daigle  | Unspecified    |
| 3920 | Bug     | ldapweb should use the correct location for 'organization' properties                    | New         | Normal    | Michael Daigle  | Unspecified    |
| 4023 | Bug     | In sanparks skin, Geographic Description Required  | New         | Normal    | Michael Daigle  | Unspecified    |
| 4243 | Bug     | Harvester db errors due to fixed character length overflow                               | In Progress | Normal    | Duane Costa     | Unspecified    |
| 4245 | Bug     | Harvester command line scripts don't execute   | In Progress | Normal    | Duane Costa     | Unspecified    |
| 4283 | Bug     | use HTMLUnit to do unit / integration tests on pages                                     | New         | Normal    | Michael Daigle  | Unspecified    |
| 4301 | Bug     | sessionid in the URL creates end-user difficulty   | New         | Normal    | Michael Daigle  | Unspecified    |
| 4368 | Bug     | The response page is confusing after calling "buildindex" command                        | New         | Normal    | Michael Daigle  | Unspecified    |
| 4437 | Bug     | allow-public-read rule is not being honored  | New         | Normal    | ben leinfelder  | Unspecified    |
| 4609 | Bug     | when viewed with saved credentials, KNB homepage shows blank entries                     | New         | Low       | Michael Daigle  | Unspecified    |
| 4610 | Bug     | trying to register a dataset when logged in asks for another authentication              | New         | Low       | Michael Daigle  | Unspecified    |
| 4611 | Bug     | searching for soong_test seems to return entries with "soong test" as well as soong_test | New         | Normal    | Michael Daigle  | Unspecified    |
| 4676 | Bug     | registry did not let me see my data table, although permissions are set                  | New         | Normal    | Shaun Walbridge | Unspecified    |
| 4840 | Bug     | When registering, U.S. State/Territory of owner is also applied to contact               | New         | Normal    | Shaun Walbridge | Unspecified    |
| 4843 | Bug     | ESA registry: Remove 'station' default value from Organization Name                      | New         | Normal    | Shaun Walbridge | Unspecified    |

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| 4892 | Bug     | ESA registry shouldn't allow accepted docs to be modified                                | New         | Normal   | Shaun Walbridge | Unspecified    |
| 5224 | Bug     | Scheduler part of SanParks skin needs to be updated                                      | New         | Normal   | Chad Berkley    | Unspecified    |
| 5239 | Bug     | Difficulties configuring and viewing Metacat replication log file                        | New         | Normal   | Chad Berkley    | Unspecified    |
| 5535 | Bug     | The 611 CDR documents replicated to KNB need to be repaired by fixing their inline data. | New         | Normal   | ben leinfelder  | Unspecified    |
| 5548 | Bug     | Replace COS Mime multipart library   | New         | Normal   | ben leinfelder  | Unspecified    |
| 5553 | Bug     | setaccess action may have deleting access rule functionality                             | New         | Normal   | ben leinfelder  | Unspecified    |
| 5599 | Bug     | absence of line feeds in eml causes pathQuery to not find some elements                  | New         | Normal   | ben leinfelder  | Unspecified    |
| 5608 | Bug     | Enable all FK constraints in Metacat production [copies]                                 | New         | Normal   | ben leinfelder  | Unspecified    |
| 5698 | Bug     | datapackage uploads to dev2 metacat are currently slow                                   | New         | Normal   | Jing Tao        | Unspecified    |
| 5828 | Bug     | docids not validated   | New         | Normal   | ben leinfelder  | Unspecified    |
| 5835 | Bug     | Leaks  | New         | Normal   | ben leinfelder  | Unspecified    |
| 5836 | Bug     | Logs   | New         | Normal   | ben leinfelder  | Unspecified    |
| 6838 | Support | LTER user can't log in   | In Progress | Normal   | ben leinfelder  | Unspecified    |

### 1.11.1 (1)

|      |     |                                  |             |        |                |        |
|------|-----|----------------------------------|-------------|--------|----------------|--------|
| 5779 | Bug | Owners list reorders its entries | In Progress | Normal | ben leinfelder | 1.11.1 |
|------|-----|----------------------------------|-------------|--------|----------------|--------|

### 2.9.0 (17)

|      |         |   |             |        |                 |       |
|------|---------|---|-------------|--------|-----------------|-------|
| 7091 | Bug     | Metacat installation (the war file) doesn't include the FGDC schemas even though the loadtdschema file creates an entry in the xml_catalog table for it | New         | Normal | Jing Tao        | 2.9.0 |
| 7099 | Feature | Create a new admin page for Metacat admins to register schemas  | New         | Normal | Jing Tao        | 2.9.0 |
| 7148 | Story   | Upgrade Solr Server   | New         | Normal | Jing Tao        | 2.9.0 |
| 7150 | Bug     | Do not populate the "documents" Solr index field with a metadata object's own identifier  | New         | Normal | Jing Tao        | 2.9.0 |
| 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 |
| 7177 | Task    | Ensure Metacat runs on Tomcat 8   | New         | Normal | Jing Tao        | 2.9.0 |
| 7199 | Bug     | Upgrade postgresql jdbc jar file on Metacat   | New         | Normal | Jing Tao        | 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 |
| 7203 | Bug     | Improve D1NodeService.isAuthorized() performance  | In Progress | Normal | Chris Jones     | 2.9.0 |
| 7204 | Task    | Use the ldaps protocol to connect the ldap server   | New         | Normal | Jing Tao        | 2.9.0 |
| 7212 | Bug     | metacat-index missing metadata quality fields   | New         | Normal | Peter Slaughter | 2.9.0 |
| 7216 | Bug     | MDQClient.saveRun doesn't obsolete existing quality documents   | New         | Normal | Peter Slaughter | 2.9.0 |
| 7217 | Bug     | Report on metadata creation date in metadata quality summaries  | New         | Normal | Peter Slaughter | 2.9.0 |
| 7224 | Bug     | Document the procedure of registering a new schema in Metacat   | New         | Normal | Jing Tao        | 2.9.0 |
| 7226 | Bug     | Perl Registry hangs on uploads  | New         | Normal | Jing Tao        | 2.9.0 |

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| 7228               | Bug     | Error in sorting data-sets based on title in MetaCatUI  | New         | Normal    | Jing Tao         | 2.9.0          |
| 7229               | Bug     | Mis-Formatting of Data Package Contents   | New         | Normal    | ben leinfelder   | 2.9.0          |
| <b>--- (3)</b>     |         |   |             |           |                  |                |
| 323                | Bug     | Establish API for communication with src and dest   | In Progress | Immediate | David Blankman   | ---            |
| 324                | Bug     | perl implementation of harvester api  | In Progress | Immediate | David Blankman   | ---            |
| 2072               | Bug     | XMLUtilities.print() prints whole document rather than the passed base node                   | New         | Normal    | Matt Jones       | ---            |
| <b>--- (5)</b>     |         |   |             |           |                  |                |
| 1134               | Bug     | redesign the ecoinformatics.org website   | New         | Normal    | John Harris      | ---            |
| 1135               | Bug     | econetwork registry   | New         | Normal    | John Harris      | ---            |
| 2899               | Bug     | broken link   | New         | Normal    | John Harris      | ---            |
| 3034               | Bug     | The KNB site uses two headers with different homepages  | New         | Normal    | John Harris      | ---            |
| 3037               | Bug     | bad links on metacatininstall page on the knb   | New         | Normal    | John Harris      | ---            |
| <b>--- (8)</b>     |         |   |             |           |                  |                |
| 3364               | Bug     | Complete PAR data acquisition workflow  | New         | Normal    | Derik Barseghian | ---            |
| 3365               | Bug     | Example workflow pulling data from SensorBase at CENS using Webservice actor or DBQuery actor | New         | Normal    | Derik Barseghian | ---            |
| 3563               | Bug     | calculate differences between global means  | New         | Normal    | Daniel Crawl     | ---            |
| 3564               | Bug     | calculate means, variances, and mean differences for each instance in time                    | New         | Normal    | Daniel Crawl     | ---            |
| 3650               | Bug     | move MET station to McLaughlin and begin work on Engineering view                             | New         | Normal    | Derik Barseghian | ---            |
| 3677               | Bug     | document Baskett field data and upload into OSU metacat                                       | New         | Normal    | Derik Barseghian | ---            |
| 3839               | Bug     | improve aphidPanTrapVsGDD_BYDVstudy workflow  | New         | Normal    | Derik Barseghian | ---            |
| 3938               | Bug     | simhofi workflow R actor problem  | New         | Normal    | Derik Barseghian | ---            |
| <b>1.1.0 (1)</b>   |         |   |             |           |                  |                |
| 2519               | Bug     | Tracking bug for upgrade of vegbank   | In Progress | Normal    | Michael Lee      | 1.1.0          |
| <b>1.1.0 (2)</b>   |         |   |             |           |                  |                |
| 282                | Bug     | need update/delete handling for data registry   | In Progress | Normal    | Saurabh Garg     | 1.1.0          |
| 283                | Bug     | registration process scalability  | In Progress | Normal    | Saurabh Garg     | 1.1.0          |
| <b>1.10.0 (29)</b> |         |   |             |           |                  |                |
| 458                | Bug     | Need to configure Morpho to accept stream-based result sets                                   | In Progress | Normal    | Dan Higgins      | 1.10.0         |
| 1052               | Bug     | Need to automatically extend data table size when pasting data                                | In Progress | Normal    | Dan Higgins      | 1.10.0         |
| 1099               | Bug     | REOT feedback: ability to rename exported files   | In Progress | Normal    | Dan Higgins      | 1.10.0         |

| #                 | Tracker | Subject  | Status      | Priority  | Assignee       | Target version |
|-------------------|---------|--|-------------|-----------|----------------|----------------|
| 1426              | Bug     | closing unsaved package does not close package   | In Progress | Immediate | Dan Higgins    | 1.10.0         |
| 1559              | Bug     | Morpho 1.5.1 Help: 5 problems with search feature  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1568              | Bug     | Certain dialogues in DPW lock up the help  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1569              | Bug     | Local save doesnt work sometimes.  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1582              | Bug     | No Error Msg displayed when network update of datapackage failed due to access control                 | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1667              | Bug     | Couldn't send data file to metacat using a download package  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1702              | Bug     | spatial search is not saved  | New         | Immediate | Saurabh Garg   | 1.10.0         |
| 1807              | Bug     | Stop/pause search feature request  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1823              | Bug     | Morpho Editor and saving network data packages   | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1832              | Bug     | need "save as" functionality in morpho   | In Progress | Normal    | ben leinfelder | 1.10.0         |
| 1983              | Bug     | allow morpho to detect online data and import it   | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 2070              | Bug     | Problem with 'individualName' and 'distribution' fields in tree editor                                 | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 2199              | Bug     | Info in additionalMetadata tags not displayed when viewing data package                                | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 2209              | Bug     | Run the parser when a Save event is generated  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 2216              | Bug     | Custom units not assigned to unit type category properly   | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 2473              | Bug     | Morpho uses too much memory  | In Progress | Immediate | Jing Tao       | 1.10.0         |
| 3475              | Bug     | Morpho data table search results do not display  | New         | Normal    | Jing Tao       | 1.10.0         |
| 3476              | Bug     | Search Result Selection list elements change when selected   | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 4460              | Bug     | morpho package listing can be confusing when out of sync   | New         | Normal    | Jing Tao       | 1.10.0         |
| 4461              | Bug     | delete local copy only deletes the most recent stored revision, but this is not indicated              | New         | Normal    | Jing Tao       | 1.10.0         |
| 4542              | Bug     | Feature Request: Import / update metadata from MySQL database  | New         | Immediate | Jing Tao       | 1.10.0         |
| 4624              | Bug     | local/network status icons sometimes (inconsistently) incorrect  | New         | Low       | Jing Tao       | 1.10.0         |
| 4628              | Bug     | Testing version 1.7.1 beta: Morpho Tree Editor produces invalid documents                              | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 4640              | Bug     | add prev/next buttons to 'Edit Column Documentation' dialog  | New         | Normal    | Jing Tao       | 1.10.0         |
| 5706              | Bug     | Menu bar font color in Ubuntu difficult to read  | New         | Normal    | ben leinfelder | 1.10.0         |
| 6042              | Bug     | Cannot save/synchronize Morpho data package to the network   | New         | High      | ben leinfelder | 1.10.0         |
| <b>1.14.0 (3)</b> |         |  |             |           |                |                |
| 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         |
| 7147              | Bug     | KNB header image 'animates' to fill the space in Safari  | New         | Low       | Lauren Walker  | 1.14.0         |
| 7159              | Story   | Add provenance editor to the Metadata View   | New         | Normal    | Lauren Walker  | 1.14.0         |
| <b>1.2.0 (23)</b> |         |  |             |           |                |                |



| #    | Tracker | Subject  | Status      | Priority  | Assignee    | Target version |
|------|---------|--|-------------|-----------|-------------|----------------|
| 675  | Bug     | Evaluate Tutorial  | New         | Normal    | Robert Peet | 1.2.0          |
| 681  | Bug     | Website cleanup:Spelling and editing checks  | New         | Normal    | Michael Lee | 1.2.0          |
| 704  | Bug     | doubleCheck final DB: QA of plants and communities                                     | New         | Low       | Robert Peet | 1.2.0          |
| 817  | Bug     | Query for User-defined variables   | New         | Normal    | Michael Lee | 1.2.0          |
| 878  | Bug     | PCord export   | New         | Normal    | Michael Lee | 1.2.0          |
| 890  | Bug     | Load database:Peet_NCVS-4000: add in Fall 2006   | New         | Immediate | Michael Lee | 1.2.0          |
| 1022 | Bug     | Eval: Form to calculate summary of multiple plots                                      | New         | Normal    | Robert Peet | 1.2.0          |
| 1352 | Bug     | choose which comms from commInterpretation - higher level obs summary                  | New         | Normal    | Michael Lee | 1.2.0          |
| 1955 | Bug     | view my plots -- deposits, based on ownership + embargo chng                           | New         | Normal    | Michael Lee | 1.2.0          |
| 1956 | Bug     | function to fuzz and unfuzz locations for admin  | New         | Normal    | Michael Lee | 1.2.0          |
| 1975 | Bug     | Iteratively query to narrow or broaden query results                                   | New         | Low       | Michael Lee | 1.2.0          |
| 2102 | Bug     | IN JULY: Load Real Concepts that have been a major part of this grant                  | New         | Normal    | Michael Lee | 1.2.0          |
| 2394 | Bug     | Make Search by person easier: filter by plots submitted and plots contributed to       | New         | Normal    | Michael Lee | 1.2.0          |
| 2402 | Bug     | Strategy to update denormalized data, cache, pages                                     | New         | Normal    | Michael Lee | 1.2.0          |
| 2404 | Bug     | Evaluate: Let users define bounding box with Google Maps, then show plots in that area | New         | Normal    | Robert Peet | 1.2.0          |
| 2436 | Bug     | Evaluate: Map plots with one click from plot-result-set                                | New         | Immediate | Robert Peet | 1.2.0          |
| 2457 | Bug     | Link to list of certified users, renew embargo screens                                 | New         | Normal    | Michael Lee | 1.2.0          |
| 2487 | Bug     | NPS-PLOTS conversion utility: prefer exact slope/aspect                                | New         | Normal    | Michael Lee | 1.2.0          |
| 2533 | Bug     | temp tables need to be part of denormalization update                                  | New         | Normal    | Michael Lee | 1.2.0          |
| 2541 | Bug     | Rework export to use pages or filesystem to improve performance and remove timeouts    | New         | Normal    | Michael Lee | 1.2.0          |
| 2543 | Bug     | Log errors into an email or something  | In Progress | Normal    | Michael Lee | 1.2.0          |
| 2547 | Bug     | NPS-PLOTS plugin doesn't handle userDefined well                                       | New         | Normal    | Michael Lee | 1.2.0          |
| 2555 | Bug     | Update XSD to allow null dates   | New         | Normal    | Michael Lee | 1.2.0          |

### 1.8.1 (20)

|      |     |  |             |        |                |       |
|------|-----|--|-------------|--------|----------------|-------|
| 1561 | Bug | EML Attribute Page Editor doesn't handle some XML Schema attributes/elements correctly   | In Progress | Normal | Saurabh Garg   | 1.8.1 |
| 2095 | Bug | AbstractDataPackage - entity array not initialized automatically                         | New         | Normal | P. Anderson    | 1.8.1 |
| 2411 | Bug | physical element of dataTable element should be optional                                 | New         | Normal | ben leinfelder | 1.8.1 |
| 2456 | Bug | Error Window Sizing  | New         | Normal | P. Anderson    | 1.8.1 |
| 2463 | Bug | Morpho can't delete or insert columns at right edge of tables with uneven record lengths | New         | Normal | Jing Tao       | 1.8.1 |
| 2489 | Bug | The Predefined list does not display the values  | In Progress | Normal | Jing Tao       | 1.8.1 |
| 2851 | Bug | Templating support for attribute entries   | New         | Normal | ben leinfelder | 1.8.1 |
| 3111 | Bug | Morpho can not display inline data   | New         | Normal | Jing Tao       | 1.8.1 |

| #               | Tracker | Subject  | Status      | Priority | Assignee           | Target version |
|-----------------|---------|--|-------------|----------|--------------------|----------------|
| 3551            | Bug     | same screen presented to user before and after importing a data table                        | New         | Normal   | P. Anderson        | 1.8.1          |
| 3759            | Bug     | more dialog boxes for editing and maintaining data packages                                  | New         | Normal   | Jing Tao           | 1.8.1          |
| 3852            | Bug     | feature request - include the userId element in responsibleParty dialog boxes                | New         | Normal   | Jing Tao           | 1.8.1          |
| 3919            | Bug     | the 'tab' key should behave consistently when through form fields                            | New         | Normal   | Jing Tao           | 1.8.1          |
| 3937            | Bug     | Login results in misleading error message when KNB is down                                   | New         | Normal   | Jing Tao           | 1.8.1          |
| 3940            | Bug     | docid collisions, even if data packages have different scopes                                | New         | Normal   | Jing Tao           | 1.8.1          |
| 3945            | Bug     | tree-editor does not allow editing of non-referenced material following a referenced creator | New         | Normal   | Jing Tao           | 1.8.1          |
| 3980            | Bug     | a user trying to synchronize an invalid package needs a user-friendly error message          | New         | Normal   | Jing Tao           | 1.8.1          |
| 3983            | Bug     | entering key-value pairs from a file is not user friendly                                    | New         | Normal   | Jing Tao           | 1.8.1          |
| 4099            | Bug     | In map viewer, provide reset button for zoom and coordinates                                 | New         | Normal   | Jing Tao           | 1.8.1          |
| 4332            | Bug     | new features in canceling search   | New         | Normal   | Jing Tao           | 1.8.1          |
| 5118            | Bug     | export function error reporting  | New         | Normal   | ben leinfelder     | 1.8.1          |
| <b>1.9 (73)</b> |         |  |             |          |                    |                |
| 205             | Bug     | cut/copy/paste   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 302             | Bug     | create metacat account from morpho profile dialog  | In Progress | Normal   | Jing Tao           | 1.9            |
| 307             | Bug     | package event handler to improve resultset refresh performance                               | In Progress | Normal   | Matt Jones         | 1.9            |
| 394             | Bug     | window positions need to be saved  | In Progress | Normal   | Dan Higgins        | 1.9            |
| 509             | Bug     | HTTPProxy Firewall support needed  | In Progress | Normal   | Dan Higgins        | 1.9            |
| 530             | Bug     | add spell checking support   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 545             | Bug     | annotation capability for editing data   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 570             | Bug     | convert editor/DocFrame to use MorphoFrame   | In Progress | Low      | Matt Jones         | 1.9            |
| 607             | Bug     | MetaViewer Focus Functionality   | New         | Normal   | Saurabh Garg       | 1.9            |
| 657             | Bug     | rewrite code to add sample datapackage from jar file   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 667             | Bug     | enable column reordering   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 940             | Bug     | need large performance enhancements  | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1095            | Bug     | REOT feedback: add toolbar buttons for data-editing, like in MS Ex**l                        | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1096            | Bug     | REOT feedback: display entity # and total # of entities near/on tabs                         | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1097            | Bug     | REOT feedback: need to view 2 entities simultaneously from same pkg                          | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1252            | Bug     | DataPackageWizard TextImport Performance problem   | New         | Normal   | Perumal Sambasivam | 1.9            |
| 1261            | Bug     | Advanced Geographic Display System   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1281            | Bug     | User does not see explicitly the local file folder where package is saved                    | New         | Normal   | Saurabh Garg       | 1.9            |
| 1283            | Bug     | Synchronizing the Local and Network metadata bases   | In Progress | Normal   | Saurabh Garg       | 1.9            |

| #    | Tracker | Subject  | Status      | Priority  | Assignee       | Target version |
|------|---------|--|-------------|-----------|----------------|----------------|
| 1287 | Bug     | Enable multiple movements of attribute lines in Data Information Screen / Attribute list | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1381 | Bug     | keyword set editor efficiency problems   | In Progress | Immediate | Dan Higgins    | 1.9            |
| 1472 | Bug     | Morpho buttons show up without borders in certain cases.                                 | New         | Normal    | ben leinfelder | 1.9            |
| 1480 | Bug     | need to display URL references to data where possible                                    | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1481 | Bug     | access list should support multiple selections in tree                                   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1497 | Bug     | dpw step 3 of 15 needs more clarity about internal categorization                        | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1507 | Bug     | New Data Table Wizard: Definition of new Unit Type                                       | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1522 | Bug     | Morpho Update  | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1547 | Bug     | incorporate eml parser into Morpho   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1549 | Bug     | Problem with corrupt beta6 packages  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1558 | Bug     | Morpho 1.5.1 Help: 6 general problems/suggestions  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1593 | Bug     | Geographic Coverage Tool changes Types Entries   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1600 | Bug     | Error in Geographic Page   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1656 | Bug     | <para> should be repeatable in Morpho tree editor  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1657 | Bug     | Repeatable <online>, <inline> tags in tree editor  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1669 | Bug     | Adding Project Information causes invalid eml 2 warning                                  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1672 | Bug     | Unable to edit online distribution url for multiple data objects                         | New         | Normal    | Saurabh Garg   | 1.9            |
| 1705 | Bug     | Message after "Export" should show dir nam   | New         | Normal    | ben leinfelder | 1.9            |
| 1784 | Bug     | Place some information from user guide on Morpho download web page                       | New         | Normal    | Saurabh Garg   | 1.9            |
| 1791 | Bug     | need ability to add data types other than dataTable (spatial)                            | In Progress | Normal    | ben leinfelder | 1.9            |
| 1817 | Bug     | Citation screen in DPW feature request   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1825 | Bug     | Typos/redundancies in Named Regions list of Geo. Coverage                                | New         | Normal    | Saurabh Garg   | 1.9            |
| 1985 | Bug     | add morpho support for LSID identifiers  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1988 | Bug     | Re-visit terminology issues  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1993 | Bug     | Can't expand width of column in text import wizard                                       | New         | Normal    | ben leinfelder | 1.9            |
| 2042 | Bug     | Failure when using dataTable, spatialRaster, and spatialVector in tree editor            | In Progress | Immediate | Saurabh Garg   | 1.9            |
| 2053 | Bug     | "Open..." dialog repaint issues  | New         | Normal    | Saurabh Garg   | 1.9            |
| 2093 | Bug     | Feature request: deleting saved searches   | New         | Normal    | Saurabh Garg   | 1.9            |
| 2151 | Bug     | Morpho readability issue   | New         | Normal    | Saurabh Garg   | 1.9            |
| 2166 | Bug     | 1.6.0RC1: Saving to network when a previous version was deleted from network             | New         | Normal    | Saurabh Garg   | 1.9            |
| 2170 | Bug     | editor returns to different table than the one being edited after clicking ok            | New         | Normal    | Saurabh Garg   | 1.9            |
| 2177 | Bug     | Local search does not search on data package ID  | New         | Normal    | Saurabh Garg   | 1.9            |
| 2213 | Bug     | "Show all" Morpho editor handles coverage incorrectly depending on order                 | New         | Immediate | Saurabh Garg   | 1.9            |

| #    | Tracker | Subject   | Status | Priority  | Assignee       | Target version |
|------|---------|---|--------|-----------|----------------|----------------|
| 2455 | Bug     | create table shouldn't have proprietary format as an option                               | New    | Normal    | P. Anderson    | 1.9            |
| 2500 | Bug     | Tree Editor allows text in element-only elements  | New    | Normal    | P. Anderson    | 1.9            |
| 2563 | Bug     | Multiple repeated delimiter info not saved  | New    | Normal    | P. Anderson    | 1.9            |
| 2855 | Bug     | Import MS Access feature has problems with read permission                                | New    | Normal    | P. Anderson    | 1.9            |
| 2980 | Bug     | pubDate is not created for citation use when a Morpho Dataset is submitted                | New    | Immediate | Jing Tao       | 1.9            |
| 3065 | Bug     | Unable to save dp using Morpho with Remote Desktop  | New    | Normal    | Jing Tao       | 1.9            |
| 3171 | Bug     | Morpho install in Vista does not create a viewable sterr.log file                         | New    | Normal    | ben leinfelder | 1.9            |
| 3323 | Bug     | Morpho has problem to handle special characters.  | New    | Normal    | ben leinfelder | 1.9            |
| 3458 | Bug     | Morpho will take long time to startup if the metacat host server is down                  | New    | Normal    | Jing Tao       | 1.9            |
| 3872 | Bug     | opening a "previous version" and resaving locally wrote over the last most recent version | New    | Normal    | Jing Tao       | 1.9            |
| 3897 | Bug     | Controlled vocabulary for Taxonomic Coverage  | New    | Normal    | ben leinfelder | 1.9            |
| 3979 | Bug     | File-> save has no response when a user tries to save an invalid doc                      | New    | Normal    | Jing Tao       | 1.9            |
| 4096 | Bug     | Must click tab twice to display metadata for table without read access                    | New    | Normal    | Jing Tao       | 1.9            |
| 4098 | Bug     | Cancelling map viewer should reset zoom   | New    | Normal    | Jing Tao       | 1.9            |
| 4416 | Bug     | 1.7.0 - Geographic Coverage Sites List Should Record Tool Type                            | New    | Normal    | Jing Tao       | 1.9            |
| 4621 | Bug     | Allow sets of codes/definitions to be reused across data packages                         | New    | Normal    | Jing Tao       | 1.9            |
| 4703 | Bug     | Give user some notification when morpho finds nothing about thesaurus look up             | New    | Normal    | Jing Tao       | 1.9            |
| 4733 | Bug     | Checking the permission of the user before he/she saves a data package to metacat         | New    | Normal    | Jing Tao       | 1.9            |
| 5063 | Bug     | Morpho Data Package Editor degrades when Editing Data Table Access                        | New    | Normal    | ben leinfelder | 1.9            |
| 5103 | Bug     | Wizard screen to edit data entity name  | New    | Normal    | ben leinfelder | 1.9            |
| 5242 | Bug     | Spatial search uses 'pathquery' not 'spatial_query' action                                | New    | Normal    | ben leinfelder | 1.9            |

### 1.X.0 (23)

|      |         |  |             |        |                |       |
|------|---------|--|-------------|--------|----------------|-------|
| 5985 | Feature | Add ability to 'tag' or annotate data sets with various types of terms   | New         | Normal |                | 1.X.0 |
| 6032 | Feature | Add schema.org dataset annotations to dataset views  | In Progress | Normal | Matt Jones     | 1.X.0 |
| 6049 | Feature | Render some SystemMetadata details in views  | New         | Normal | ben leinfelder | 1.X.0 |
| 6229 | Feature | Make results list resizable via jQueryUI Resizable functionality   | New         | Normal | Lauren Walker  | 1.X.0 |
| 6599 | Task    | Display image thumbnails in the Metadata View  | New         | Normal | Lauren Walker  | 1.X.0 |
| 6628 | Feature | Add copy/paste R and Matlab code snippet for downloading a DataONE package                                     | New         | Normal | Lauren Walker  | 1.X.0 |
| 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 |
| 6705 | Feature | Find mapped identities when doing actions involving authentication   | New         | Normal | Lauren Walker  | 1.X.0 |
| 6718 | Bug     | Consider not mapping search results with a 0,0,0,0 bounding box  | New         | Normal | Lauren Walker  | 1.X.0 |
| 6788 | Feature | Determine geohash level for map tiles before sending the Solr query  | New         | Normal | Lauren Walker  | 1.X.0 |

| #                 | Tracker | Subject   | Status      | Priority  | Assignee       | Target version |
|-------------------|---------|---|-------------|-----------|----------------|----------------|
| 6843              | Feature | Query NCEAS admin db for current projects for Registry and custom filter tools                        | New         | Normal    | Lauren Walker  | 1.X.0          |
| 6849              | Feature | Create new layout for displaying 'other entities'   | 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          |
| 6858              | Bug     | Allow users to save their search via a bookmarkable/sharable link                                     | New         | Normal    | Lauren Walker  | 1.X.0          |
| 6859              | Feature | Add link to user's profile from Metadata View   | New         | Normal    |                | 1.X.0          |
| 6861              | Feature | Indicate which member nodes have no matches for the given search                                      | New         | Normal    | Lauren Walker  | 1.X.0          |
| 6913              | Task    | Show message-type indicator in navbar next to username when a user has a pending identity map request | New         | Low       | Lauren Walker  | 1.X.0          |
| 6923              | Story   | Enhance User, Group, and Member Node profiles   | New         | Normal    | Lauren Walker  | 1.X.0          |
| 6924              | Task    | Add spatial map of datasets in profiles   | New         | Normal    | Lauren Walker  | 1.X.0          |
| 6929              | Task    | Add bar graph of downloads over time  | New         | Normal    | Lauren Walker  | 1.X.0          |
| 7011              | Bug     | Bar labels "Time period of data" graph on #profile is cut off   | New         | Normal    | Lauren Walker  | 1.X.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          |
| 7162              | Bug     | Packages with at least one private object can't be downloaded   | New         | Normal    | Lauren Walker  | 1.X.0          |
| <b>2.0.0 (9)</b>  |         |   |             |           |                |                |
| 2852              | Bug     | Unable to delete a table that only includes the data file documentaion                                | In Progress | Normal    | ben leinfelder | 2.0.0          |
| 5736              | Bug     | Morpho DataONE refactor - tracker   | New         | Normal    | ben leinfelder | 2.0.0          |
| 5799              | Bug     | publish using DOI feature   | New         | Immediate | Jing Tao       | 2.0.0          |
| 5805              | Bug     | Local and Network revisions show at same time in search results                                       | In Progress | Normal    | ben leinfelder | 2.0.0          |
| 5887              | Bug     | Handle the query result set which contains the revision chains of documents                           | New         | Normal    | ben leinfelder | 2.0.0          |
| 6112              | Bug     | Use .morpho when we release the morpho  | New         | Normal    | ben leinfelder | 2.0.0          |
| 6700              | Bug     | Pub date field  | New         | Normal    | ben leinfelder | 2.0.0          |
| 6701              | Bug     | Entity descriptions can't be added outside wizard   | New         | Normal    | ben leinfelder | 2.0.0          |
| 7175              | Bug     | The link for non-numeric attribute domains doesn't work on the exported eml file                      | New         | Normal    |                | 2.0.0          |
| <b>2.0.0 (22)</b> |         |   |             |           |                |                |
| 689               | Bug     | Usability analysis by expert usability person   | New         | Low       | Michael Lee    | 2.0.0          |
| 738               | Bug     | TurboVeg plot import (TV-XML to VB-XML by our stylesheet)   | New         | Normal    | Michael Lee    | 2.0.0          |
| 793               | Bug     | Build validation package:Default values for some fields (if null)                                     | New         | Normal    | Michael Lee    | 2.0.0          |
| 821               | Bug     | Notes: add new note form, link from views of things to note   | New         | Low       | Michael Lee    | 2.0.0          |
| 823               | Bug     | Annotation: query for notes   | New         | Normal    | Michael Lee    | 2.0.0          |
| 856               | Bug     | users specify view of plots and fields they want  | New         | Normal    | Michael Lee    | 2.0.0          |
| 884               | Bug     | Load database:NY-ESF-1500: DF   | New         | Immediate | Michael Lee    | 2.0.0          |

| #                    | Tracker | Subject   | Status      | Priority  | Assignee      | Target version |
|----------------------|---------|---|-------------|-----------|---------------|----------------|
| 886                  | Bug     | Load database:Utah-1460: December Dave Roberts  | New         | Normal    | Michael Lee   | 2.0.0          |
| 888                  | Bug     | Load database:Wisconsin-1500: point-quarter, Curtis (how??)   | New         | Normal    | Michael Lee   | 2.0.0          |
| 901                  | Bug     | Load database:Mojave-1000: Kathy Thomas   | New         | Normal    | Michael Lee   | 2.0.0          |
| 902                  | Bug     | Load db:Stohlgren-800: complex plot design  | New         | Normal    | Michael Lee   | 2.0.0          |
| 971                  | Bug     | Build an observation synonym form   | New         | Normal    | Michael Lee   | 2.0.0          |
| 1607                 | Bug     | Load Plots: Arctic releves  | New         | Normal    | Michael Lee   | 2.0.0          |
| 1804                 | Bug     | export data from VegBranch into several formats   | New         | Normal    | Michael Lee   | 2.0.0          |
| 1967                 | Bug     | Fix downloader if takes too long: create file and set to download from private space later                              | New         | Normal    | Michael Lee   | 2.0.0          |
| 2075                 | Bug     | make datasets have keywords, ala gmail  | New         | Normal    | Michael Lee   | 2.0.0          |
| 2164                 | Bug     | allow southern hemisphere UTM conversions.  | New         | Normal    | Michael Lee   | 2.0.0          |
| 2331                 | Bug     | ensure NVC.doc standards doc matches what's in VegBank  | New         | Normal    | Michael Lee   | 2.0.0          |
| 2406                 | Bug     | Automate homepage map- color by number of plots per state   | New         | Low       | Michael Lee   | 2.0.0          |
| 2477                 | Bug     | Login forwarding problems   | New         | Normal    | Michael Lee   | 2.0.0          |
| 2532                 | Bug     | When users aren't logged in, prompt to do so in popup form  | New         | Normal    | Michael Lee   | 2.0.0          |
| 2542                 | Bug     | revise XML schema   | New         | Normal    | Michael Lee   | 2.0.0          |
| <b>2.0.0 (1)</b>     |         |   |             |           |               |                |
| 5120                 | Bug     | Provide a toggle for automatic updates  | New         | Normal    | David Welker  | 2.0.0          |
| <b>2.0.0 (8)</b>     |         |   |             |           |               |                |
| 6810                 | Feature | Create detailed user documentation for MetacatUI  | New         | Normal    | Lauren Walker | 2.0.0          |
| 6879                 | Bug     | Popover box in Google Maps does not always display  | New         | Normal    | Lauren Walker | 2.0.0          |
| 6947                 | Task    | Add MN Services display to search result views  | New         | Normal    | Lauren Walker | 2.0.0          |
| 6948                 | Task    | Display loosely-coupled services in the Metadata View for datasets  | New         | Low       | Lauren Walker | 2.0.0          |
| 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          |
| 7040                 | Story   | A client side data and metadata manager and editor  | In Progress | Normal    | Chris Jones   | 2.0.0          |
| 7071                 | Feature | Add a table of contents to the Metadata View for easier navigation  | New         | Normal    | Lauren Walker | 2.0.0          |
| 7106                 | Story   | Retrieve an EML doc and parse into model attributes   | New         | Normal    |               | 2.0.0          |
| <b>2009-Jan (4)</b>  |         |   |             |           |               |                |
| 2868                 | Bug     | upgrade taxonomy using TaxonOccurrence Spreadsheet (aka Cover_ver4_withCBS)   | In Progress | Immediate | Michael Lee   | 2009-Jan       |
| 2924                 | Bug     | Add "use defaults on this plot" for parties and place name  | New         | Normal    | Michael Lee   | 2009-Jan       |
| 3432                 | Bug     | Upgrade patching system   | New         | Normal    | Michael Lee   | 2009-Jan       |
| 3532                 | Bug     | Revise elevation based on NASA data   | In Progress | Normal    | Michael Lee   | 2009-Jan       |
| <b>2009-June (6)</b> |         |   |             |           |               |                |

| #                      | Tracker | Subject   | Status      | Priority  | Assignee       | Target version |
|------------------------|---------|---|-------------|-----------|----------------|----------------|
| 2661                   | Bug     | comments in XLS resolve: Project 63 (Francis Marion NF): 54 plots       | New         | Normal    | Michael Lee    | 2009-June      |
| 2662                   | Bug     | Unfolding: Project 64 (Brunswick Co. NC): 88 plots                      | New         | Normal    | Michael Lee    | 2009-June      |
| 2663                   | Bug     | 2 errs left: + duplicates flagged: Project 73 (Mountain Bogs): 64 plots | New         | Normal    | Michael Lee    | 2009-June      |
| 2665                   | Bug     | Ready for DBA process: Project 75 (Singletary Lake, NC): 52 plots       | New         | Normal    | Michael Lee    | 2009-June      |
| 2666                   | Bug     | ready for DBA: Project 76 (Elizabeth City, NC): 52 plots                | New         | Normal    | Michael Lee    | 2009-June      |
| 3611                   | Bug     | Newell R module = supersample?  | In Progress | Normal    | Michael Lee    | 2009-June      |
| <b>2.0.0Alpha2 (4)</b> |         |   |             |           |                |                |
| 944                    | Bug     | write eml -> nbii xls sheet   | In Progress | Immediate | Dan Higgins    | 2.0.0Alpha2    |
| 947                    | Bug     | develop pipeline/step library for MARINE QA tests                       | In Progress | Normal    | Rich Williams  | 2.0.0Alpha2    |
| 955                    | Bug     | need to handle multiple datasets as input to a pipeline                 | In Progress | Immediate | Rich Williams  | 2.0.0Alpha2    |
| 984                    | Bug     | tracking bug for Alpha2 release   | In Progress | Immediate | Monarch Dev    | 2.0.0Alpha2    |
| <b>2.0.0Beta1 (3)</b>  |         |   |             |           |                |                |
| 952                    | Bug     | record data bindings in a recoverable xml document                      | In Progress | Normal    | Rich Williams  | 2.0.0Beta1     |
| 958                    | Bug     | When executing a StepGroup, only load required datasets and scalars     | In Progress | Normal    | Rich Williams  | 2.0.0Beta1     |
| 962                    | Bug     | Allow a single step to be a pipeline                                    | In Progress | Normal    | Rich Williams  | 2.0.0Beta1     |
| <b>2010-Jan (2)</b>    |         |   |             |           |                |                |
| 3010                   | Bug     | Should encode strings in URL requesting mapping of plots                | In Progress | Normal    | Michael Lee    | 2010-Jan       |
| 5105                   | Bug     | have x- specimens map   | In Progress | Normal    | Michael Lee    | 2010-Jan       |
| <b>2.1.0 (9)</b>       |         |   |             |           |                |                |
| 5735                   | Bug     | Decide on primary package identifier                                    | New         | Normal    | ben leinfelder | 2.1.0          |
| 5743                   | Bug     | Include ORE identifier in search results                                | New         | Normal    | ben leinfelder | 2.1.0          |
| 5747                   | Bug     | Open ORE documents locally  | New         | Normal    | ben leinfelder | 2.1.0          |
| 5757                   | Bug     | Add identifier scheme drop down to id conflict window                   | New         | Normal    | ben leinfelder | 2.1.0          |
| 5766                   | Bug     | Include data identifier in EML (rather than ecogrid:// URL)             | New         | Normal    | ben leinfelder | 2.1.0          |
| 5823                   | Bug     | Improve save-to-network performance                                     | New         | Normal    | Jing Tao       | 2.1.0          |
| 5848                   | Bug     | Ensure Morpho can edit EML contributed by DataUp                        | New         | Normal    | ben leinfelder | 2.1.0          |
| 6084                   | Story   | Use SOLR query instead of pathquery                                     | New         | Normal    | Jing Tao       | 2.1.0          |
| 6500                   | Bug     | Give users ability to import certitates into Morpho easily              | New         | Normal    |                | 2.1.0          |
| <b>2.4.0 (1)</b>       |         |   |             |           |                |                |
| 6167                   | Bug     | Model Context Menu should have the enableBackwardTypeInference choice   | New         | Low       |                | 2.4.0          |
| <b>2.6.0 (1)</b>       |         |   |             |           |                |                |

| #                  | Tracker | Subject  | Status      | Priority  | Assignee           | Target version |
|--------------------|---------|--|-------------|-----------|--------------------|----------------|
| 6893               | Bug     | DateToken value inconsistent   | New         | Low       | Christopher Brooks | 2.6.0          |
| <b>2.8.5 (1)</b>   |         |  |             |           |                    |                |
| 7209               | Feature | Support for XSL transform of iso19115 metadata format  | New         | Normal    | Bryce Mecum        | 2.8.5          |
| <b>2.8.6 (1)</b>   |         |  |             |           |                    |                |
| 7219               | Bug     | reCAPTCHA v1 will be turned off on March 31, 2018  | In Progress | Normal    | Jing Tao           | 2.8.6          |
| <b>2.X.0 (1)</b>   |         |  |             |           |                    |                |
| 7051               | Task    | Develop a 'Move Dataset Levels' use case   | New         | Normal    | Lauren Walker      | 2.X.0          |
| <b>2.X.Y (142)</b> |         |  |             |           |                    |                |
| 3172               | Bug     | windows mouse wheel doesn't scroll canvas  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 3931               | Bug     | Get the R actor working with JNI   | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 3973               | Bug     | Additional information for 64-bit users installing 1.0.0                                       | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4010               | Bug     | RExpression2 - tracking for backwards compatibility  | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 4012               | Bug     | update documentation to explain adding actor to library via KAR                                | New         | Low       | Aaron Aaron        | 2.X.Y          |
| 4040               | Bug     | make a new module called globus to host globus actors and needed packages.                     | New         | Normal    | jianwu jianwu      | 2.X.Y          |
| 4048               | Bug     | Get error message when too much code in single R actor   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4049               | Bug     | Import actor that already exists appends strange numbering scheme                              | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4056               | Bug     | create developer documentation for svn configuration.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4057               | Bug     | UserInteractiveShell message   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4087               | Bug     | No reset/x button to clear component searches  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4095               | Bug     | Java Package Ontology (e.g. to facilitate Ptolemy component access)                            | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4097               | Bug     | here are some new svg icons for actors   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4104               | Bug     | Need resource manager to handle objects in the resources directories                           | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4112               | Bug     | make kepler use OSX dialog boxes   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4113               | Bug     | Kepler changes property position in XML but keeps values                                       | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4132               | Bug     | Workflow Run Manager - Open in New Window is just opening the workflow, not the ROML or report | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4139               | Bug     | port names are displayed twice   | In Progress | Low       | Chad Berkley       | 2.X.Y          |
| 4153               | Bug     | report-overrides   | In Progress | Immediate | David Welker       | 2.X.Y          |
| 4162               | Bug     | using the alt key makes menus appear in strange places on OSX                                  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4168               | Bug     | User documentation creates bloat in workflows  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4203               | Bug     | use port parameters in web service actors  | In Progress | Normal    | Daniel Crawl       | 2.X.Y          |



| #    | Tracker | Subject   | Status      | Priority  | Assignee           | Target version |
|------|---------|---|-------------|-----------|--------------------|----------------|
| 4216 | Bug     | Problems with the File to Array converter   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4219 | Bug     | "Kepler Repositories" should be retrieved from the registry   | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 4246 | Bug     | Reorganize code in util, core and gui modules   | 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          |
| 4268 | Bug     | RExpression output ports search entire search path for objects to export                                  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4273 | Bug     | Ctrl+E operates on mouse position, not selection  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4281 | Bug     | ant update produces message about running svn cleanup   | In Progress | Normal    | Christopher Brooks | 2.X.Y          |
| 4285 | Bug     | workflow canvas does not repack to fill empty space when top window is resized                            | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4287 | Bug     | Separate user error messages from developer error messages.   | In Progress | Immediate | Chad Berkley       | 2.X.Y          |
| 4288 | Bug     | Develop GUI error handling strategy.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4289 | Bug     | Develop strategy for using assertions in the GUI  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4290 | Bug     | Separate the GUI from the execution engine.   | In Progress | Immediate | Chad Berkley       | 2.X.Y          |
| 4291 | Bug     | The main menu bar should not change based on the location of focus.                                       | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4292 | Bug     | Menu items should display the same icon as buttons with the same functionality.                           | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4293 | Bug     | Run, Pause, and Stop should be in the menu, not just the toolbar.   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4294 | Bug     | Kepler should meet established accessibility guidelines.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4295 | Bug     | Create advanced toolbar support.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4296 | Bug     | All open Kepler windows should be visible from a Window menu item.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4298 | Bug     | The GUI should sensibly support internalization.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4299 | Bug     | Kepler needs to be evaluated to determine when native (AWT) widgets would be preferable to Swing widgets. | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4300 | Bug     | Animate at Runtime" checkbox stays checked when director is replaced                                      | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4310 | Bug     | ValueListeners receive valueChanged events when values have not changed                                   | New         | Immediate | Daniel Crawl       | 2.X.Y          |
| 4323 | Bug     | Add the "send to back" menu to kepler   | In Progress | Low       | Daniel Crawl       | 2.X.Y          |
| 4328 | Bug     | change-to command checks out across branches  | New         | Immediate | Chad Berkley       | 2.X.Y          |
| 4339 | Bug     | build system needs to provide more information on modules   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4341 | Bug     | rearrange the actors module into smaller modules  | New         | Immediate | Chad Berkley       | 2.X.Y          |
| 4354 | Bug     | Enable the build system to work on multiple SCM systems.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4358 | Bug     | variable setter seems to lock Kepler in the wrapping up stage of a workflow                               | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4360 | Bug     | Kepler gets slow under XP   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4371 | Bug     | pipe highlighting under "Animate at Runtime"  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4404 | Bug     | DataTurbine actor - instantiating actor without internet gives error msg                                  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4407 | Bug     | RExpression problems with named non-numeric vectors   | New         | Normal    | ben leinfelder     | 2.X.Y          |

| #    | Tracker | Subject   | Status | Priority | Assignee         | Target version |
|------|---------|---|--------|----------|------------------|----------------|
| 4429 | Bug     | EML 2 Dataset requires File Extension Filter parameter  | New    | Normal   | Jing Tao         | 2.X.Y          |
| 4431 | Bug     | Export Archive actions should share code where possible | New    | Normal   | Derik Barseghian | 2.X.Y          |
| 4434 | Bug     | Workflow Run Manager - add ability to hide/show columns | New    | Normal   | Derik Barseghian | 2.X.Y          |
| 4458 | Bug     | test for moving kepler directory                        | New    | Normal   | Derik Barseghian | 2.X.Y          |

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