

## 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>     |         |  |        |          |                |                          |
| 5371                                | Bug     | AnnotationManager: query performance                               | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 5368                                | Bug     | Compound query conditions  | New    | Normal   | ben leinfelder | metacat-plugin-0.9.0     |
| 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     |
| <b>morpho-plugin-0.9.0 (13)</b>     |         |  |        |          |                |                          |
| 4772                                | Bug     | Annotation cell selection also selects data table cell             | 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      |
| 4854                                | Bug     | Integrate Context Annotation tab with Column Annotation tab        | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4935                                | Bug     | Lazily load semtools plugin  | 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      |
| 5135                                | Bug     | Loading ontology from local file does not seem functional          | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4946                                | Bug     | Look-ahead search freezes  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4724                                | Bug     | Mark data package as changed when Annotation is edited             | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 5078                                | Bug     | Measurement templates  | 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      |
| 4855                                | Bug     | Reorder the Full Annotation rows to match madlib order             | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0      |
| 4769                                | Bug     | Save annotations to network  | 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      |
| 5004                       | Bug     | oboe: create an oboe-examples ontology for documenting "best practices"       | 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      |
| 5002                       | Bug     | oboe-unit: create new oboe-unit for oboe-core                                 | New         | Normal   | Shawn Bowers   | oboe-1.1.0      |
| <b>sms-core-1.0.0 (18)</b> |         |   |             |          |                |                 |
| 6268                       | Task    | Annotation in REML package  | 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  |
| 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  |
| 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  |
| 6256                       | Story   | Design/implement annotation generation system                                 | New         | Normal   |                | sms-core-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  |
| 4675                       | Bug     | EML:DataTable:Annotation cardinality  | New         | Normal   | ben leinfelder | sms-core-1.0.0  |
| 6345                       | Task    | Integrate Domeo annotator (perhaps)   | New         | Normal   |                | sms-core-1.0.0  |
| 6269                       | Task    | Integrate SemantEco Annotator from RPI  | New         | Normal   |                | sms-core-1.0.0  |
| 6261                       | Task    | Lifecycle design diagram  | New         | Normal   |                | sms-core-1.0.0  |
| 5373                       | Bug     | OntologyManager: registration and archiving                                   | New         | Normal   | ben leinfelder | 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  |
| 6262                       | Task    | System component collaboration diagrams                                       | New         | Normal   |                | sms-core-1.0.0  |
| <b>sms-index-1.0.0 (4)</b> |         |   |             |          |                |                 |
| 6265                       | Task    | Choose query language   | New         | Normal   |                | sms-index-1.0.0 |
| 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 |
| <b>2.x.y (53)</b>          |         |   |             |          |                |                 |
| 6362                       | Feature | Add an id to the year element in the citation in eml-indentifier.xsl          | New         | Normal   |                | 2.x.y           |
| 2501                       | Bug     | Add links to FGDC-transformed version of EML documents                        | New         | Normal   | Will Tyburczy  | 2.x.y           |
| 5821                       | Bug     | Allow certificate-based Metacat administration                                | New         | Normal   | ben leinfelder | 2.x.y           |

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|------|---------|--|-------------|-----------|-----------------|----------------|
| 2229 | Bug     | Allowing web registry pull-down menu for "Station Name" to select multiple stations  | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2849 | Bug     | Bounding box problems when spanning the meridian   | New         | Normal    | Chris Barteau   | 2.x.y          |
| 1300 | Bug     | Changes in DataSet Orignator   | New         | Normal    | Saurabh Garg    | 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          |
| 5994 | Task    | Create REST API for accessing statistics   | New         | Normal    |                 | 2.x.y          |
| 3383 | Bug     | Create RPM/Deb installation utilities  | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 421  | Bug     | create simple turnkey installer for metacat Phase II   | In Progress | Immediate | Michael Daigle  | 2.x.y          |
| 5830 | Bug     | Deployment directory incorrect   | 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          |
| 6416 | Feature | Do not allow restrictive access control change to content with a DOI   | 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          |
| 1452 | Bug     | dtd filenames clash if reused for multiple PUBLIC identifiers  | In Progress | Normal    | Matt Jones      | 2.x.y          |
| 2734 | Bug     | Duplicates between organizations and more than one organization listed as a owner  | New         | Normal    | Chris Barteau   | 2.x.y          |
| 1213 | Bug     | emlbeta6 to eml2 conversion stylesheets should be relocatable  | In Progress | Normal    | Saurabh Garg    | 2.x.y          |
| 5262 | Bug     | EML document owner can't read the document   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 3396 | Bug     | Enable event notification feature  | In Progress | Immediate | Chris Jones     | 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          |
| 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          |
| 3509 | Bug     | Fix XML Schema filesystem namespace conflicts and backups  | New         | Normal    | ben leinfelder  | 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          |
| 4573 | Bug     | LDAP and Register CGIs reference skin-specific templates in the common area  | New         | Normal    | Chris Jones     | 2.x.y          |
| 2180 | Bug     | Make it easier for admin to add new layers   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 2159 | Bug     | Metacat Performance: Divide xml_nodes based on the doctype   | New         | Normal    | Jing Tao        | 2.x.y          |
| 2313 | Bug     | Metacat Skins: Skins should not be installed by default  | New         | Normal    | Chris Jones     | 2.x.y          |
| 2176 | Bug     | Moderator UI and functionality for ESA   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2986 | Bug     | No need for restart tomcat after modifying metacat.properties  | New         | Normal    | Jing Tao        | 2.x.y          |
| 2130 | Bug     | Not able to delete DPs from KNB  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5198 | Bug     | OAI-PMH: Data provider may fail to trigger reharvest of documents  | New         | Normal    | Chad Berkley    | 2.x.y          |
| 5199 | Bug     | OAI-PMH: Improve memory management of data provider catalog metadata   | New         | Normal    | Chad Berkley    | 2.x.y          |
| 2187 | Bug     | Option to view map or metadata.  | New         | Normal    | Matthew Perry   | 2.x.y          |
| 4551 | Bug     | performance enhancement through index reduction  | In Progress | Normal    | Jing Tao        | 2.x.y          |

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| 3024 | Bug     | recordDelimiter and fieldDelimiter display the unicode number on KNB   | New         | Normal    | Chris Barteau   | 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          |
| 6034 | Feature | Simplify configuration for certificate delegation  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 4442 | Bug     | Spatial indexing should not run and block metacat  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 1542 | Bug     | SQL Server support broken  | New         | Immediate | Saurabh Garg    | 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          |
| 5993 | Task    | Summarize and index statistics for fast access   | New         | Normal    |                 | 2.x.y          |
| 1123 | Bug     | The DOM tree in EML parser probably cause memory issue   | In Progress | Normal    | Jing Tao        | 2.x.y          |
| 5992 | Task    | Track citations  | New         | Normal    |                 | 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          |
| 5518 | Bug     | Track down the performance issue of metacat query.   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 5991 | Task    | Track views  | New         | Normal    |                 | 2.x.y          |
| 6437 | Story   | Upgrade to SOLR 4 or 5   | New         | Normal    | Jing Tao        | 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          |
| 1122 | Bug     | XML document is a string in HttpServerletRequest object  | In Progress | Normal    | Jing Tao        | 2.x.y          |

### Unspecified (59)

|      |     |  |     |        |                |             |
|------|-----|--|-----|--------|----------------|-------------|
| 5599 | Bug | absence of line feeds in eml causes pathQuery to not find some elements              | New | Normal | ben leinfelder | Unspecified |
| 3175 | Bug | Add a thread to build xml_queryresult table when metacat startup                     | New | Normal | Jing Tao       | Unspecified |
| 3272 | Bug | Add Keywords for SANParks and SAEON when uploading spatial data                      | New | Normal | ben leinfelder | Unspecified |
| 3830 | Bug | Add the ability to modify multi-line properties                                      | New | Normal | Michael Daigle | Unspecified |
| 4437 | Bug | allow-public-read rule is not being honored  | New | Normal | ben leinfelder | Unspecified |
| 3710 | Bug | apt-get couldn't install metacat   | New | Normal | Michael Daigle | Unspecified |
| 2548 | Bug | Architecture for filtering features from WMS requests                                | New | Normal | Michael Daigle | Unspecified |
| 3416 | Bug | ArrayIndexOutOfBoundsException in DBConnectionPool                                   | New | Normal | Jing Tao       | Unspecified |
| 3765 | Bug | Backup configured passwords as encrypted values                                      | New | Normal | Michael Daigle | Unspecified |
| 3755 | Bug | Change property service to return null for blank properties                          | New | Normal | Michael Daigle | Unspecified |
| 3511 | Bug | combine XMLSchemaService and SchemaLocationResolver                                  | New | Normal | Michael Daigle | Unspecified |
| 3435 | Bug | Confusion on how Metcat searches a string which is different than Google             | New | Normal | Jing Tao       | Unspecified |
| 3619 | Bug | Convert eml beta4 and beta6 documents to eml 210 in knb production server            | New | Normal | Jing Tao       | Unspecified |
| 3217 | Bug | Create simple transformations to present permissions error messages in styled format | New | Normal | Jing Tao       | Unspecified |

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|------|---------|--|-------------|-----------|-----------------|----------------|
| 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    |
| 5698 | Bug     | datapackage uploads to dev2 metacat are currently slow                             | New         | Normal    | Jing Tao        | Unspecified    |
| 5239 | Bug     | Difficulties configuring and viewing Metacat replication log file                  | New         | Normal    | Chad Berkley    | Unspecified    |
| 5828 | Bug     | docids not validated   | New         | Normal    | ben leinfelder  | Unspecified    |
| 5608 | Bug     | Enable all FK constraints in Metacat production [copies]                           | New         | Normal    | ben leinfelder  | Unspecified    |
| 2841 | Bug     | ESA Registry edit feature does not work with submitted data sets                   | In Progress | Normal    | Jing Tao        | Unspecified    |
| 4843 | Bug     | ESA registry: Remove 'station' default value from Organization Name                | New         | Normal    | Shaun Walbridge | Unspecified    |
| 4892 | Bug     | ESA registry shouldn't allow accepted docs to be modified                          | New         | Normal    | Shaun Walbridge | Unspecified    |
| 4245 | Bug     | Harvester command line scripts don't execute                                       | In Progress | Normal    | Duane Costa     | Unspecified    |
| 4243 | Bug     | Harvester db errors due to fixed character length overflow                         | In Progress | Normal    | Duane Costa     | Unspecified    |
| 3367 | Bug     | Harvester stores passwords in clear text   | New         | Immediate | Duane Costa     | 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    |
| 4023 | Bug     | In sanparks skin, Geographic Description Required                                  | New         | Normal    | Michael Daigle  | Unspecified    |
| 3331 | Bug     | ldap redirect does not work correctly if one of the ldap servers are down          | New         | Normal    | Jing Tao        | Unspecified    |
| 3920 | Bug     | ldapweb should use the correct location for 'organization' properties              | New         | Normal    | Michael Daigle  | 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    |
| 3360 | Bug     | Many LDAP users not showing up in 'getprincipals' search                           | In Progress | Normal    | Jing Tao        | Unspecified    |
| 3142 | Bug     | metacat client uses in-memory buffer for posting data                              | New         | Immediate | Jing Tao        | Unspecified    |
| 2155 | Bug     | Metacat Performace: Rewrite the xml_nodes queries                                  | In Progress | Immediate | Jing Tao        | Unspecified    |
| 1879 | Bug     | Metacat Performance: Summary   | New         | Immediate | Jing Tao        | Unspecified    |
| 3783 | Bug     | Optimize ESA moderator queries   | New         | Normal    | Michael Daigle  | Unspecified    |
| 3224 | Bug     | Perl code should rely on canonical organization list provided by Metacat           | New         | Normal    | Michael Daigle  | Unspecified    |
| 3104 | Bug     | provide accessor for organization lists for clients to build login widgets         | New         | Normal    | Michael Daigle  | Unspecified    |
| 3524 | Bug     | Refactor common test methods into base class                                       | 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    |
| 3463 | Bug     | Registry upload: include organization/skin Keywords dropdown                       | New         | Normal    | ben leinfelder  | Unspecified    |
| 3460 | Bug     | remove lsid section from citation section of xsl for skins OTHER than ESA          | New         | Normal    | Jing Tao        | Unspecified    |
| 3773 | Bug     | Remove places where document is read into memory                                   | New         | Normal    | Michael Daigle  | Unspecified    |
| 5548 | Bug     | Replace COS Mime multipart library   | New         | Normal    | ben leinfelder  | Unspecified    |
| 5224 | Bug     | Scheduler part of SanParks skin needs to be updated                                | New         | Normal    | Chad Berkley    | Unspecified    |

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| 4611              | Bug     | searching for soong_test seems to return entries with "soong test" as well as soong_test  | New         | Normal   | Michael Daigle  | Unspecified    |
| 4301              | Bug     | sessionid in the URL creates end-user difficulty  | New         | Normal   | Michael Daigle  | Unspecified    |
| 5553              | Bug     | setaccess action may have deleting access rule functionality  | New         | Normal   | ben leinfelder  | Unspecified    |
| 2553              | Bug     | squery needs to handle spatial query  | New         | Normal   | Michael Daigle  | Unspecified    |
| 5535              | Bug     | The 611 CDR documents replicated to KNB need to be repaired by fixing their inline data.  | New         | Normal   | ben leinfelder  | Unspecified    |
| 4368              | Bug     | The response page is confusing after calling "buildindex" command   | New         | Normal   | Michael Daigle  | Unspecified    |
| 3100              | Bug     | Transformation from xml to html in Metacat read action sometimes take long time   | New         | Normal   | Jing Tao        | Unspecified    |
| 4610              | Bug     | trying to register a dataset when logged in asks for another authentication   | New         | Low      | Michael Daigle  | Unspecified    |
| 3592              | Bug     | Update sitemap generation and registration  | New         | Normal   | Michael Daigle  | Unspecified    |
| 4283              | Bug     | use HTMLUnit to do unit / integration tests on pages  | New         | Normal   | Michael Daigle  | Unspecified    |
| 4840              | Bug     | When registering, U.S. State/Territory of owner is also applied to contact  | New         | Normal   | Shaun Walbridge | Unspecified    |
| 4609              | Bug     | when viewed with saved credentials, KNB homepage shows blank entries  | New         | Low      | Michael Daigle  | Unspecified    |
| <b>1.11.1 (1)</b> |         |   |             |          |                 |                |
| 5779              | Bug     | Owners list reorders its entries  | In Progress | Normal   | ben leinfelder  | 1.11.1         |
| <b>2.9.0 (17)</b> |         |   |             |          |                 |                |
| 7202              | Task    | Add documentation to indicate and help users Metacat only runs under Java 1.8   | 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          |
| 7224              | Bug     | Document the procedure of registering a new schema in Metacat   | 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          |
| 7177              | Task    | Ensure Metacat runs on Tomcat 8   | New         | Normal   | Jing Tao        | 2.9.0          |
| 7228              | Bug     | Error in sorting data-sets based on title in MetaCatUI  | 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          |
| 7203              | Bug     | Improve D1NodeService.isAuthorized() performance  | In Progress | Normal   | Chris Jones     | 2.9.0          |
| 7216              | Bug     | MDQClient.saveRun doesn't obsolete existing quality documents   | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7212              | Bug     | metacat-index missing metadata quality fields   | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7091              | Bug     | Metacat installation (the war file) doesn't include the FGDC schemas even though the loadaddschemas file creates an entry in the xml_catalog table for it | New         | Normal   | Jing Tao        | 2.9.0          |
| 7229              | Bug     | Mis-Formatting of Data Package Contents   | New         | Normal   | ben leinfelder  | 2.9.0          |
| 7226              | Bug     | Perl Registry hangs on uploads  | New         | Normal   | Jing Tao        | 2.9.0          |
| 7217              | Bug     | Report on metadata creation date in metadata quality summaries  | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7199              | Bug     | Upgrade postgresql jdbc jar file on Metacat   | New         | Normal   | Jing Tao        | 2.9.0          |
| 7148              | Story   | Upgrade Solr Server   | New         | Normal   | Jing Tao        | 2.9.0          |

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| 7204               | Task    | Use the Idaps protocol to connect the ldap server   | New         | Normal    | Jing Tao         | 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>     |         |   |             |           |                  |                |
| 3037               | Bug     | bad links on metacatininstall page on the knb   | New         | Normal    | John Harris      | ---            |
| 2899               | Bug     | broken link   | New         | Normal    | John Harris      | ---            |
| 1135               | Bug     | econetwork registry   | New         | Normal    | John Harris      | ---            |
| 1134               | Bug     | redesign the ecoinformatics.org website   | New         | Normal    | John Harris      | ---            |
| 3034               | Bug     | The KNB site uses two headers with different homepages  | New         | Normal    | John Harris      | ---            |
| <b>--- (8)</b>     |         |   |             |           |                  |                |
| 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     | ---            |
| 3364               | Bug     | Complete PAR data acquisition workflow  | New         | Normal    | Derik Barseghian | ---            |
| 3677               | Bug     | document Baskett field data and upload into OSU metacat                                       | New         | Normal    | Derik Barseghian | ---            |
| 3365               | Bug     | Example workflow pulling data from SensorBase at CENS using Webservice actor or DBQuery actor | New         | Normal    | Derik Barseghian | ---            |
| 3839               | Bug     | improve aphidPanTrapVsGDD_BYDVstudy workflow  | New         | Normal    | Derik Barseghian | ---            |
| 3650               | Bug     | move MET station to McLaughlin and begin work on Engineering view                             | 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> |         |   |             |           |                  |                |
| 4640               | Bug     | add prev/next buttons to 'Edit Column Documentation' dialog                                   | New         | Normal    | Jing Tao         | 1.10.0         |
| 1983               | Bug     | allow morpho to detect online data and import it  | New         | Normal    | Saurabh Garg     | 1.10.0         |
| 6042               | Bug     | Cannot save/synchronize Morpho data package to the network                                    | New         | High      | ben leinfelder   | 1.10.0         |
| 1568               | Bug     | Certain dialogues in DPW lock up the help   | New         | Normal    | Saurabh Garg     | 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         |
| 1667              | Bug     | Couldn't send data file to metacat using a download package  | 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         |
| 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         |
| 2199              | Bug     | Info in additionalMetadata tags not displayed when viewing data package                                | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 4624              | Bug     | local/network status icons sometimes (inconsistently) incorrect  | New         | Low       | Jing Tao       | 1.10.0         |
| 1569              | Bug     | Local save doesnt work sometimes.  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 5706              | Bug     | Menu bar font color in Ubuntu difficult to read  | New         | Normal    | ben leinfelder | 1.10.0         |
| 1559              | Bug     | Morpho 1.5.1 Help: 5 problems with search feature  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 3475              | Bug     | Morpho data table search results do not display  | New         | Normal    | Jing Tao       | 1.10.0         |
| 1823              | Bug     | Morpho Editor and saving network data packages   | 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         |
| 2473              | Bug     | Morpho uses too much memory  | In Progress | Immediate | Jing Tao       | 1.10.0         |
| 1832              | Bug     | need "save as" functionality in morpho   | In Progress | Normal    | ben leinfelder | 1.10.0         |
| 1052              | Bug     | Need to automatically extend data table size when pasting data   | In Progress | Normal    | Dan Higgins    | 1.10.0         |
| 458               | Bug     | Need to configure Morpho to accept stream-based result sets  | In Progress | Normal    | Dan Higgins    | 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         |
| 2070              | Bug     | Problem with 'individualName' and 'distribution' fields in tree editor                                 | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 1099              | Bug     | REOT feedback: ability to rename exported files  | In Progress | Normal    | Dan Higgins    | 1.10.0         |
| 2209              | Bug     | Run the parser when a Save event is generated  | New         | Normal    | Saurabh Garg   | 1.10.0         |
| 3476              | Bug     | Search Result Selection list elements change when selected   | 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         |
| 4628              | Bug     | Testing version 1.7.1 beta: Morpho Tree Editor produces invalid documents                              | New         | Normal    | Saurabh Garg   | 1.10.0         |
| <b>1.14.0 (3)</b> |         |  |             |           |                |                |
| 7159              | Story   | Add provenance editor to the Metadata View   | New         | Normal    | Lauren Walker  | 1.14.0         |
| 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         |
| 7147              | Bug     | KNB header image 'animates' to fill the space in Safari  | New         | Low       | Lauren Walker  | 1.14.0         |
| <b>1.2.0 (23)</b> |         |  |             |           |                |                |
| 1352              | Bug     | choose which comms from commInterpretation - higher level obs summary                                  | New         | Normal    | Michael Lee    | 1.2.0          |



| #                 | Tracker | Subject  | Status      | Priority  | Assignee       | Target version |
|-------------------|---------|--|-------------|-----------|----------------|----------------|
| 704               | Bug     | doubleCheck final DB: QA of plants and communities                                     | New         | Low       | Robert Peet    | 1.2.0          |
| 1022              | Bug     | Eval: Form to calculate summary of multiple plots                                      | New         | Normal    | Robert Peet    | 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          |
| 675               | Bug     | Evaluate Tutorial  | New         | Normal    | Robert Peet    | 1.2.0          |
| 1956              | Bug     | function to fuzz and unfuzz locations for admin  | New         | Normal    | 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          |
| 1975              | Bug     | Iteratively query to narrow or broaden query results                                   | New         | Low       | Michael Lee    | 1.2.0          |
| 2457              | Bug     | Link to list of certified users, renew embargo screens                                 | 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          |
| 2543              | Bug     | Log errors into an email or something  | In Progress | 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          |
| 2487              | Bug     | NPS-PLOTS conversion utility: prefer exact slope/aspect                                | New         | Normal    | Michael Lee    | 1.2.0          |
| 2547              | Bug     | NPS-PLOTS plugin doesn't handle userDefined well                                       | New         | Normal    | Michael Lee    | 1.2.0          |
| 878               | Bug     | PCord export   | New         | Normal    | Michael Lee    | 1.2.0          |
| 817               | Bug     | Query for User-defined variables   | 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          |
| 2402              | Bug     | Strategy to update denormalized data, cache, pages                                     | 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          |
| 2555              | Bug     | Update XSD to allow null dates   | 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          |
| 681               | Bug     | Website cleanup:Spelling and editing checks  | New         | Normal    | Michael Lee    | 1.2.0          |
| <b>1.8.1 (20)</b> |         |  |             |           |                |                |
| 2095              | Bug     | AbstractDataPackage - entity array not initialized automatically                       | New         | Normal    | P. Anderson    | 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          |
| 3940              | Bug     | docid collisions, even if data packages have different scopes                          | New         | Normal    | Jing Tao       | 1.8.1          |
| 1561              | Bug     | EML Attribute Page Editor doesn't handle some XML Schema attributes/elements correctly | In Progress | Normal    | Saurabh Garg   | 1.8.1          |
| 3983              | Bug     | entering key-value pairs from a file is not user friendly                              | New         | Normal    | Jing Tao       | 1.8.1          |
| 2456              | Bug     | Error Window Sizing  | New         | Normal    | P. Anderson    | 1.8.1          |
| 5118              | Bug     | export function error reporting  | New         | Normal    | ben leinfelder | 1.8.1          |
| 3852              | Bug     | feature request - include the userId element in responsibleParty dialog boxes          | 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          |

| #               | Tracker | Subject  | Status      | Priority | Assignee           | Target version |
|-----------------|---------|--|-------------|----------|--------------------|----------------|
| 3937            | Bug     | Login results in misleading error message when KNB is down                                   | New         | Normal   | Jing Tao           | 1.8.1          |
| 3759            | Bug     | more dialog boxes for editing and maintaining data packages                                  | New         | Normal   | Jing Tao           | 1.8.1          |
| 3111            | Bug     | Morpho can not display inline data   | New         | Normal   | Jing Tao           | 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          |
| 4332            | Bug     | new features in canceling search   | New         | Normal   | Jing Tao           | 1.8.1          |
| 2411            | Bug     | physical element of dataTable element should be optional                                     | New         | Normal   | ben leinfelder     | 1.8.1          |
| 3551            | Bug     | same screen presented to user before and after importing a data table                        | New         | Normal   | P. Anderson        | 1.8.1          |
| 2851            | Bug     | Templating support for attribute entries   | New         | Normal   | ben leinfelder     | 1.8.1          |
| 2489            | Bug     | The Predefined list does not display the values  | In Progress | 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          |
| 3945            | Bug     | tree-editor does not allow editing of non-referenced material following a referenced creator | New         | Normal   | Jing Tao           | 1.8.1          |
| <b>1.9 (73)</b> |         |  |             |          |                    |                |
| 2166            | Bug     | 1.6.0RC1: Saving to network when a previous version was deleted from network                 | New         | Normal   | Saurabh Garg       | 1.9            |
| 4416            | Bug     | 1.7.0 - Geographic Coverage Sites List Should Record Tool Type                               | New         | Normal   | Jing Tao           | 1.9            |
| 1481            | Bug     | access list should support multiple selections in tree                                       | New         | Normal   | Saurabh Garg       | 1.9            |
| 1669            | Bug     | Adding Project Information causes invalid eml 2 warning                                      | New         | Normal   | Saurabh Garg       | 1.9            |
| 1985            | Bug     | add morpho support for LSID identifiers  | New         | Normal   | Saurabh Garg       | 1.9            |
| 530             | Bug     | add spell checking support   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1261            | Bug     | Advanced Geographic Display System   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 4621            | Bug     | Allow sets of codes/definitions to be reused across data packages                            | New         | Normal   | Jing Tao           | 1.9            |
| 545             | Bug     | annotation capability for editing data   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 4098            | Bug     | Cancelling map viewer should reset zoom  | New         | Normal   | Jing Tao           | 1.9            |
| 1993            | Bug     | Can't expand width of column in text import wizard   | New         | Normal   | ben leinfelder     | 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            |
| 1817            | Bug     | Citation screen in DPW feature request   | New         | Normal   | Saurabh Garg       | 1.9            |
| 3897            | Bug     | Controlled vocabulary for Taxonomic Coverage   | New         | Normal   | ben leinfelder     | 1.9            |
| 570             | Bug     | convert editor/DocFrame to use MorphoFrame   | In Progress | Low      | Matt Jones         | 1.9            |
| 302             | Bug     | create metacat account from morpho profile dialog  | In Progress | Normal   | Jing Tao           | 1.9            |
| 2455            | Bug     | create table shouldn't have proprietary format as an option                                  | New         | Normal   | P. Anderson        | 1.9            |
| 205             | Bug     | cut/copy/paste   | In Progress | Normal   | Dan Higgins        | 1.9            |
| 1252            | Bug     | DataPackageWizard TextImport Performance problem   | New         | Normal   | Perumal Sambasivam | 1.9            |
| 1497            | Bug     | dpw step 3 of 15 needs more clarity about internal categorization                            | In Progress | Normal   | Dan Higgins        | 1.9            |

| #    | Tracker | Subject   | Status      | Priority  | Assignee       | Target version |
|------|---------|---|-------------|-----------|----------------|----------------|
| 2170 | Bug     | editor returns to different table than the one being edited after clicking ok             | New         | Normal    | Saurabh Garg   | 1.9            |
| 667  | Bug     | enable column reordering  | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1287 | Bug     | Enable multiple movements of attribute lines in Data Information Screen / Attribute list  | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1600 | Bug     | Error in Geographic Page  | New         | Normal    | Saurabh Garg   | 1.9            |
| 2042 | Bug     | Failure when using dataTable, spatialRaster, and spatialVector in tree editor             | In Progress | Immediate | Saurabh Garg   | 1.9            |
| 2093 | Bug     | Feature request: deleting saved searches  | New         | Normal    | Saurabh Garg   | 1.9            |
| 3979 | Bug     | File-> save has no response when a user tries to save an invalid doc                      | New         | Normal    | Jing Tao       | 1.9            |
| 1593 | Bug     | Geographic Coverage Tool changes Types Entries  | New         | Normal    | Saurabh Garg   | 1.9            |
| 4703 | Bug     | Give user some notification when morpho finds nothing about thesaurus look up             | New         | Normal    | Jing Tao       | 1.9            |
| 509  | Bug     | HTTPProxy Firewall support needed   | In Progress | Normal    | Dan Higgins    | 1.9            |
| 2855 | Bug     | Import MS Access feature has problems with read permission                                | New         | Normal    | P. Anderson    | 1.9            |
| 1547 | Bug     | incorporate eml parser into Morpho  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1381 | Bug     | keyword set editor efficiency problems  | In Progress | Immediate | Dan Higgins    | 1.9            |
| 2177 | Bug     | Local search does not search on data package ID   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1705 | Bug     | Message after "Export" should show dir nam  | New         | Normal    | ben leinfelder | 1.9            |
| 607  | Bug     | MetaViewer Focus Functionality  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1558 | Bug     | Morpho 1.5.1 Help: 6 general problems/suggestions   | New         | Normal    | Saurabh Garg   | 1.9            |
| 1472 | Bug     | Morpho buttons show up without borders in certain cases.                                  | New         | Normal    | ben leinfelder | 1.9            |
| 5063 | Bug     | Morpho Data Package Editor degrades when Editing Data Table Access                        | New         | Normal    | ben leinfelder | 1.9            |
| 3323 | Bug     | Morpho has problem to handle special characters.  | New         | Normal    | ben leinfelder | 1.9            |
| 3171 | Bug     | Morpho install in Vista does not create a viewable sterr.log file                         | New         | Normal    | ben leinfelder | 1.9            |
| 2151 | Bug     | Morpho readability issue  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1522 | Bug     | Morpho Update   | In Progress | Normal    | Dan Higgins    | 1.9            |
| 3458 | Bug     | Morpho will take long time to startup if the metacat host server is down                  | New         | Normal    | Jing Tao       | 1.9            |
| 2563 | Bug     | Multiple repeated delimiter info not saved  | New         | Normal    | P. Anderson    | 1.9            |
| 4096 | Bug     | Must click tab twice to display metadata for table without read access                    | New         | Normal    | Jing Tao       | 1.9            |
| 1791 | Bug     | need ability to add data types other than dataTable (spatial)                             | In Progress | Normal    | ben leinfelder | 1.9            |
| 940  | Bug     | need large performance enhancements   | In Progress | Normal    | Dan Higgins    | 1.9            |
| 1480 | Bug     | need to display URL references to data where possible                                     | 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            |
| 2053 | Bug     | "Open..." dialog repaint issues   | New         | Normal    | Saurabh Garg   | 1.9            |
| 3872 | Bug     | opening a "previous version" and resaving locally wrote over the last most recent version | New         | Normal    | Jing Tao       | 1.9            |
| 307  | Bug     | package event handler to improve resultset refresh performance                            | In Progress | Normal    | Matt Jones     | 1.9            |

| #                 | Tracker | Subject  | Status      | Priority  | Assignee       | Target version |
|-------------------|---------|--|-------------|-----------|----------------|----------------|
| 1656              | Bug     | <para> should be repeatable in Morpho tree editor                          | New         | Normal    | Saurabh Garg   | 1.9            |
| 1784              | Bug     | Place some information from user guide on Morpho download web page         | New         | Normal    | Saurabh Garg   | 1.9            |
| 1549              | Bug     | Problem with corrupt beta6 packages  | New         | Normal    | Saurabh Garg   | 1.9            |
| 2980              | Bug     | pubDate is not created for citation use when a Morpho Dataset is submitted | New         | Immediate | Jing Tao       | 1.9            |
| 1095              | Bug     | REOT feedback: add toolbar buttons for data-editing, like in MS Ex**1      | 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            |
| 1657              | Bug     | Repeatable <online>, <inline> tags in tree editor                          | New         | Normal    | Saurabh Garg   | 1.9            |
| 1988              | Bug     | Re-visit terminology issues  | New         | Normal    | Saurabh Garg   | 1.9            |
| 657               | Bug     | rewrite code to add sample datapackage from jar file                       | In Progress | Normal    | Dan Higgins    | 1.9            |
| 2213              | Bug     | "Show all" Morpho editor handles coverage incorrectly depending on order   | New         | Immediate | Saurabh Garg   | 1.9            |
| 5242              | Bug     | Spatial search uses 'pathquery' not 'spatial_query' action                 | New         | Normal    | ben leinfelder | 1.9            |
| 1283              | Bug     | Synchronizing the Local and Network metadata bases                         | In Progress | Normal    | Saurabh Garg   | 1.9            |
| 2500              | Bug     | Tree Editor allows text in element-only elements                           | New         | Normal    | P. Anderson    | 1.9            |
| 1825              | Bug     | Typos/redundancies in Named Regions list of Geo. Coverage                  | New         | Normal    | Saurabh Garg   | 1.9            |
| 1672              | Bug     | Unable to edit online distribution url for multiple data objects           | New         | Normal    | Saurabh Garg   | 1.9            |
| 3065              | Bug     | Unable to save dp using Morpho with Remote Desktop                         | New         | Normal    | Jing Tao       | 1.9            |
| 1281              | Bug     | User does not see explicitly the local file folder where package is saved  | New         | Normal    | Saurabh Garg   | 1.9            |
| 394               | Bug     | window positions need to be saved  | In Progress | Normal    | Dan Higgins    | 1.9            |
| 5103              | Bug     | Wizard screen to edit data entity name                                     | New         | Normal    | ben leinfelder | 1.9            |
| <b>1.X.0 (23)</b> |         |  |             |           |                |                |
| 5985              | Feature | Add ability to 'tag' or annotate data sets with various types of terms     | New         | Normal    |                | 1.X.0          |
| 6929              | Task    | Add bar graph of downloads over time                                       | 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          |
| 6859              | Feature | Add link to user's profile from Metadata View                              | New         | Normal    |                | 1.X.0          |
| 6032              | Feature | Add schema.org dataset annotations to dataset views                        | In Progress | Normal    | Matt Jones     | 1.X.0          |
| 6924              | Task    | Add spatial map of datasets in profiles                                    | 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          |
| 7011              | Bug     | Bar labels "Time period of data" graph on #profile is cut off              | 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          |
| 6849              | Feature | Create new layout for displaying 'other entities'                          | 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 |
|------|---------|--|--------|----------|----------------|----------------|
| 6599 | Task    | Display image thumbnails in the Metadata View  | New    | Normal   | Lauren Walker  | 1.X.0          |
| 6923 | Story   | Enhance User, Group, and Member Node profiles  | New    | Normal   | Lauren Walker  | 1.X.0          |
| 6705 | Feature | Find mapped identities when doing actions involving authentication   | New    | Normal   | Lauren Walker  | 1.X.0          |
| 6861 | Feature | Indicate which member nodes have no matches for the given search   | 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          |
| 6229 | Feature | Make results list resizeable via jQueryUI Resizeable functionality   | 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          |
| 6843 | Feature | Query NCEAS admin db for current projects for Registry and custom filter tools                                 | New    | Normal   | Lauren Walker  | 1.X.0          |
| 6049 | Feature | Render some SystemMetadata details in views  | New    | Normal   | ben leinfelder | 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          |
| 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          |

## 2.0.0 (9)

|      |     |  |             |           |                |       |
|------|-----|--|-------------|-----------|----------------|-------|
| 6701 | Bug | Entity descriptions can't be added outside wizard                                | New         | 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 |
| 5805 | Bug | Local and Network revisions show at same time in search results                  | In Progress | Normal    | ben leinfelder | 2.0.0 |
| 5736 | Bug | Morpho DataONE refactor - tracker  | New         | Normal    | ben leinfelder | 2.0.0 |
| 6700 | Bug | Pub date field   | New         | Normal    | ben leinfelder | 2.0.0 |
| 5799 | Bug | publish using DOI feature  | New         | Immediate | Jing Tao       | 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 |
| 2852 | Bug | Unable to delete a table that only includes the data file documentaion           | In Progress | Normal    | ben leinfelder | 2.0.0 |
| 6112 | Bug | Use .morpho when we release the morpho   | New         | Normal    | ben leinfelder | 2.0.0 |

## 2.0.0 (22)

|      |     |   |     |        |             |       |
|------|-----|---|-----|--------|-------------|-------|
| 2164 | Bug | allow southern hemisphere UTM conversions.                        | New | Normal | Michael Lee | 2.0.0 |
| 823  | Bug | Annotation: query for notes                                       | 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 |
| 971  | Bug | Build an observation synonym form                                 | 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 |
| 2331 | Bug | ensure NVC.doc standards doc matches what's in VegBank            | New | Normal | Michael Lee | 2.0.0 |
| 1804 | Bug | export data from VegBranch into several formats                   | New | Normal | Michael Lee | 2.0.0 |

| #                    | Tracker | Subject   | Status      | Priority  | Assignee      | Target version |
|----------------------|---------|---|-------------|-----------|---------------|----------------|
| 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          |
| 901                  | Bug     | Load database:Mojave-1000: Kathy Thomas   | New         | Normal    | Michael Lee   | 2.0.0          |
| 884                  | Bug     | Load database:NY-ESF-1500: DF   | New         | Immediate | Michael Lee   | 2.0.0          |
| 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          |
| 902                  | Bug     | Load db:Stohlgren-800: complex plot design  | New         | Normal    | Michael Lee   | 2.0.0          |
| 1607                 | Bug     | Load Plots: Arctic releves  | New         | Normal    | Michael Lee   | 2.0.0          |
| 2477                 | Bug     | Login forwarding problems   | New         | Normal    | Michael Lee   | 2.0.0          |
| 2075                 | Bug     | make datasets have keywords, ala gmail  | 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          |
| 2542                 | Bug     | revise XML schema   | New         | Normal    | 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          |
| 689                  | Bug     | Usability analysis by expert usability person   | New         | Low       | Michael Lee   | 2.0.0          |
| 856                  | Bug     | users specify view of plots and fields they want  | 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          |
| <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>     |         |   |             |           |               |                |
| 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          |
| 6947                 | Task    | Add MN Services display to search result views  | New         | Normal    | Lauren Walker | 2.0.0          |
| 6810                 | Feature | Create detailed user documentation for MetacatUI  | 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          |
| 6879                 | Bug     | Popover box in Google Maps does not always display  | 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>  |         |   |             |           |               |                |
| 2924                 | Bug     | Add "use defaults on this plot" for parties and place name  | New         | Normal    | Michael Lee   | 2009-Jan       |
| 3532                 | Bug     | Revise elevation based on NASA data   | In Progress | Normal    | Michael Lee   | 2009-Jan       |
| 3432                 | Bug     | Upgrade patching system   | New         | Normal    | Michael Lee   | 2009-Jan       |
| 2868                 | Bug     | upgrade taxonomy using TaxonOccurrence Spreadsheet (aka Cover_ver4_withCBS)   | In Progress | Immediate | Michael Lee   | 2009-Jan       |
| <b>2009-June (6)</b> |         |   |             |           |               |                |

| #                      | Tracker | Subject   | Status      | Priority  | Assignee       | Target version |
|------------------------|---------|---|-------------|-----------|----------------|----------------|
| 2663                   | Bug     | 2 errs left: + duplicates flagged: Project 73 (Mountain Bogs): 64 plots | New         | Normal    | Michael Lee    | 2009-June      |
| 2661                   | Bug     | comments in XLS resolve: Project 63 (Francis Marion NF): 54 plots       | New         | Normal    | Michael Lee    | 2009-June      |
| 3611                   | Bug     | Newell R module = supersample?  | In Progress | 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      |
| 2662                   | Bug     | Unfolding: Project 64 (Brunswick Co. NC): 88 plots                      | New         | Normal    | Michael Lee    | 2009-June      |
| <b>2.0.0Alpha2 (4)</b> |         |   |             |           |                |                |
| 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    |
| 944                    | Bug     | write eml -> nbii xls sheet   | In Progress | Immediate | Dan Higgins    | 2.0.0Alpha2    |
| <b>2.0.0Beta1 (3)</b>  |         |   |             |           |                |                |
| 962                    | Bug     | Allow a single step to be a pipeline                                    | In Progress | Normal    | Rich Williams  | 2.0.0Beta1     |
| 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     |
| <b>2010-Jan (2)</b>    |         |   |             |           |                |                |
| 5105                   | Bug     | have x- specimens map   | In Progress | Normal    | Michael Lee    | 2010-Jan       |
| 3010                   | Bug     | Should encode strings in URL requesting mapping of plots                | In Progress | Normal    | Michael Lee    | 2010-Jan       |
| <b>2.1.0 (9)</b>       |         |   |             |           |                |                |
| 5757                   | Bug     | Add identifier scheme drop down to id conflict window                   | New         | Normal    | ben leinfelder | 2.1.0          |
| 5735                   | Bug     | Decide on primary package identifier                                    | New         | Normal    | ben leinfelder | 2.1.0          |
| 5848                   | Bug     | Ensure Morpho can edit EML contributed by DataUp                        | New         | Normal    | ben leinfelder | 2.1.0          |
| 6500                   | Bug     | Give users ability to import certificates into Morpho easily            | New         | Normal    |                | 2.1.0          |
| 5823                   | Bug     | Improve save-to-network performance                                     | New         | Normal    | Jing Tao       | 2.1.0          |
| 5766                   | Bug     | Include data identifier in EML (rather than ecogrid:// URL)             | 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          |
| 6084                   | Story   | Use SOLR query instead of pathquery                                     | New         | Normal    | Jing Tao       | 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> |         |   |             |           |                    |                |
| 5333               | Bug     | 2.2 rc3: getenv("") doesn't work for mac installation.                              | New         | Normal    | Daniel Crawl       | 2.X.Y          |
| 4908               | Bug     | actor/director/attribute .xml file documentation needs to be updated                | New         | Normal    | Daniel Crawl       | 2.X.Y          |
| 5715               | Bug     | Actor Reference documentation   | New         | Normal    | jianwu jianwu      | 2.X.Y          |
| 5045               | Bug     | Add a menu to add and configure new remote kepler servers                           | In Progress | Normal    | Derik Barseghian   | 2.X.Y          |
| 4260               | Bug     | Add a test suite for the build system   | New         | Immediate | Chad Berkley       | 2.X.Y          |
| 5129               | Bug     | adding and removing configuration properties could be made easier                   | In Progress | Normal    | Derik Barseghian   | 2.X.Y          |
| 3973               | Bug     | Additional information for 64-bit users installing 1.0.0                            | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 5343               | Feature | Add optional Console view   | New         | Normal    | Daniel Crawl       | 2.X.Y          |
| 4639               | Bug     | add support for -Drev to ant change-to  | New         | Low       | Chad Berkley       | 2.X.Y          |
| 4323               | Bug     | Add the "send to back" menu to kepler   | In Progress | Low       | Daniel Crawl       | 2.X.Y          |
| 4296               | Bug     | All open Kepler windows should be visible from a Window menu item.                  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4735               | Bug     | Allow params to be passed to ConfigurationManager from the command line             | New         | Immediate | Chad Berkley       | 2.X.Y          |
| 4300               | Bug     | Animate at Runtime" checkbox stays checked when director is replaced                | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4281               | Bug     | ant update produces message about running svn cleanup                               | In Progress | Normal    | Christopher Brooks | 2.X.Y          |
| 5081               | Bug     | A system for adding and removing GUI menus.   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 5666               | Feature | Build system needs a target to build all common or blessed non-core modules         | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4339               | Bug     | build system needs to provide more information on modules                           | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4584               | Bug     | CacheManager.getObject(KeplerLSID Isid) returns an object with the wrong LSID       | New         | Normal    | Aaron Aaron        | 2.X.Y          |
| 6594               | Feature | cannot download from a tag  | New         | Normal    | Daniel Crawl       | 2.X.Y          |
| 5281               | Bug     | cannot open 1.0 KARs  | New         | Normal    | Ilkay Altintas     | 2.X.Y          |
| 5048               | Bug     | Can't clean (or do other build system operations) offline                           | In Progress | Normal    | David Welker       | 2.X.Y          |
| 4869               | Bug     | changes made to workflows during dialogs before committing (Edit Parameters/Cancel) | In Progress | Normal    | ben leinfelder     | 2.X.Y          |



| #    | Tracker | Subject  | Status      | Priority  | Assignee           | Target version |
|------|---------|--|-------------|-----------|--------------------|----------------|
| 5699 | Bug     | Change the workflow scheduler server documentation link in the workflow-scheduler-gui module   | New         | Normal    | Jing Tao           | 2.X.Y          |
| 4328 | Bug     | change-to command checks out across branches   | New         | Immediate | Chad Berkley       | 2.X.Y          |
| 5664 | Bug     | Check for duplicate code   | New         | Normal    | Christopher Brooks | 2.X.Y          |
| 5276 | Bug     | component search performance is poor   | New         | Normal    | Jing Tao           | 2.X.Y          |
| 4478 | Bug     | Configuring ports  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4978 | Bug     | Create additional 'module' property for any menu entries that are inserted by non-core modules | In Progress | Normal    | Derik Barseghian   | 2.X.Y          |
| 4295 | Bug     | Create advanced toolbar support.   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4056 | Bug     | create developer documentation for svn configuration.  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4740 | Bug     | Create Ontology_Catalog sql table in the CORE persistent database                              | New         | Normal    | Aaron Aaron        | 2.X.Y          |
| 4273 | Bug     | Ctrl+E operates on mouse position, not selection   | 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          |
| 5173 | Bug     | Develop clear criteria for when code in Kepler CORE should be in its own module.               | New         | Normal    | Ilkay Altintas     | 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          |
| 4920 | Bug     | dynamically change toolbar buttons   | New         | Normal    | Daniel Crawl       | 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          |
| 4613 | Bug     | EML 2 Dataset automatically updating to latest package doesn't trigger "workflow change"       | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4429 | Bug     | EML 2 Dataset requires File Extension Filter parameter   | New         | Normal    | Jing Tao           | 2.X.Y          |
| 4354 | Bug     | Enable the build system to work on multiple SCM systems.                                       | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4431 | Bug     | Export Archive actions should share code where possible  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 5075 | Bug     | Fix the module manager so it can show docs with any name.                                      | New         | Normal    | David Welker       | 2.X.Y          |
| 4859 | Bug     | GDALTranslate does not work on Windows 7 (64bit)   | In Progress | Normal    | Chad Berkley       | 2.X.Y          |
| 5652 | Bug     | Geon Scp and spa Ssh2Exec have duplicate code.   | New         | Normal    | Daniel Crawl       | 2.X.Y          |
| 4048 | Bug     | Get error message when too much code in single R actor   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 5586 | Bug     | Get newest version of local files in EML actor   | New         | Normal    | Jing Tao           | 2.X.Y          |
| 3931 | Bug     | Get the R actor working with JNI   | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 4532 | Bug     | have to manually click Build to rename repositories  | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4097 | Bug     | here are some new svg icons for actors   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4561 | Bug     | icon overlays not showing up for actors in the components tree                                 | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4591 | Bug     | ImageJ creating folders based on file paths from prior executions saved in the MOML            | 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          |
| 4577 | Bug     | integrate, and separate from save/export, the code for Uploading                               | New         | Normal    | Derik Barseghian   | 2.X.Y          |

| #    | Tracker | Subject  | Status | Priority | Assignee       | Target version |
|------|---------|--|--------|----------|----------------|----------------|
| 5354 | Bug     | Integrate Kepler Wiki Into Kepler Help   | New    | Normal   | Ilkay Altintas | 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          |
| 5687 | Bug     | investigate alternatives to workflow versioning                                    | New    | Normal   | Daniel Crawl   | 2.X.Y          |
| 5068 | Bug     | Investigate jars (why they are necessary) and upgrade whenever possible.           | New    | Normal   | David Welker   | 2.X.Y          |

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