

## Tasks-hierarchical

| #    | Tracker | Subject   | Status      | Priority  | Assignee       | Target version           |
|------|---------|---|-------------|-----------|----------------|--------------------------|
| 4740 | Bug     | Create Ontology_Catalog sql table in the CORE persistent database             | New         | Normal    | Aaron Aaron    | 2.X.Y                    |
| 4584 | Bug     | CacheManager.getObject(KeplerLSID isid) returns an object with the wrong LSID | New         | Normal    | Aaron Aaron    | 2.X.Y                    |
| 4012 | Bug     | update documentation to explain adding actor to library via KAR               | New         | Low       | Aaron Aaron    | 2.X.Y                    |
| 1377 | Bug     | Create UML diagram from stubs   | In Progress | Normal    | Aimee Stewart  | eScience-01May2004       |
| 1375 | Bug     | Add deployment target to ant build file                                       | In Progress | Normal    | Aimee Stewart  | eScience-01May2004       |
| 1448 | Bug     | Refactor ProxyFactory to create TOSProxyDispatcher or LocalCacheTOSProxy      | New         | Normal    | Aimee Stewart  | Postpone                 |
| 1403 | Bug     | Add test database creation to build process                                   | New         | Normal    | Aimee Stewart  | Postpone                 |
| 1402 | Bug     | Create small test database with hickory and mosses                            | In Progress | Normal    | Aimee Stewart  | Postpone                 |
| 1397 | Bug     | Implement highest priority interfaces (first 7 of following list of 9)        | In Progress | Normal    | Aimee Stewart  | Postpone                 |
| 1790 | Bug     | Add ITIS data to TOS db v1.1.0  | New         | Immediate | Aimee Stewart  | Unspecified              |
| 1763 | Bug     | Strengthen SOAP server  | New         | Normal    | Aimee Stewart  | Unspecified              |
| 1650 | Bug     | move taxon materials to SEEK web site   | New         | Normal    | Aimee Stewart  | Unspecified              |
| 1648 | Bug     | Create taxon developer web site which calculates metrics of code              | New         | Immediate | Aimee Stewart  | Unspecified              |
| 1615 | Bug     | Look at KNB LDAP interface for user-friendly concept authoring authentication | New         | Normal    | Aimee Stewart  | Unspecified              |
| 1614 | Bug     | Add concept authoring code to enterProviderData                               | New         | Normal    | Aimee Stewart  | Unspecified              |
| 1765 | Bug     | Investigate Hibernate for database and parser abstraction                     | In Progress | Normal    | Aimee Stewart  | Unspecified              |
| 1761 | Bug     | Update object model (v1.1.0) to more closely mirror TCS                       | In Progress | Immediate | Aimee Stewart  | Unspecified              |
| 1677 | Bug     | Modify concept package objects to handle relationships for TOS v1.1.0         | In Progress | Immediate | Aimee Stewart  | Unspecified              |
| 1673 | Bug     | Work with XSLT parser to convert ITIS data for input to Taxon DB              | In Progress | Immediate | Aimee Stewart  | Unspecified              |
| 1617 | Bug     | Implement parser for the TES  | In Progress | Normal    | Aimee Stewart  | Unspecified              |
| 1576 | Bug     | Implement EnterProviderData for TOS v1.1.0 with input TCS                     | In Progress | Normal    | Aimee Stewart  | Unspecified              |
| 2970 | Bug     | LA Atlas  | New         | Normal    | Alan Weakley   | Unspecified              |
| 2715 | Bug     | Clean up relationship mapping to remove ?s                                    | New         | Normal    | Alan Weakley   | Unspecified              |
| 2679 | Bug     | Port static NCSU records into SPECIFY   | New         | Normal    | Alan Weakley   | Unspecified              |
| 6079 | Feature | Support JSON or XML output from emlparger                                     | New         | Normal    | ben leinfelder | EMLPARSER_2_1_1_UPDATE_3 |
| 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     |
| 5367 | Bug     | Verify "same observation as" query criteria                                   | 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     |
| 5365 | Bug     | Context-based semantic query  | New         | Normal    | ben leinfelder | metacat-plugin-0.9.0     |
| 5374 | Bug     | Use 'semquery' within Morpho  | New         | Normal    | ben leinfelder | morpho-plugin-0.9.0      |

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| 5135 | Bug     | Loading ontology from local file does not seem functional            | New         | Normal    | ben leinfelder | morpho-plugin-0.9.0 |
| 5078 | Bug     | Measurement templates  | New         | Normal    | ben leinfelder | morpho-plugin-0.9.0 |
| 4946 | Bug     | Look-ahead search freezes  | New         | Normal    | ben leinfelder | morpho-plugin-0.9.0 |
| 4935 | Bug     | Lazily load semtools plugin  | 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 |
| 4854 | Bug     | Integrate Context Annotation tab with Column Annotation tab          | 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 |
| 4771 | Bug     | Decide permission policy for Annotations and Ontologies in Metacat   | 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 |
| 4769 | Bug     | Save annotations to network  | 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 |
| 5373 | Bug     | OntologyManager: registration and archiving                          | New         | Normal    | ben leinfelder | sms-core-1.0.0      |
| 4675 | Bug     | EML:DataTable:Annotation cardinality                                 | New         | Normal    | ben leinfelder | sms-core-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     |
| 6034 | Feature | Simplify configuration for certificate delegation                    | New         | Normal    | ben leinfelder | 2.x.y               |
| 5830 | Bug     | Deployment directory incorrect                                       | New         | Normal    | ben leinfelder | 2.x.y               |
| 5821 | Bug     | Allow certificate-based Metacat administration                       | New         | 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               |
| 5262 | Bug     | EML document owner can't read the document                           | New         | Normal    | ben leinfelder | 2.x.y               |
| 4602 | Bug     | Enable TLS for all LDAP functions                                    | New         | Normal    | ben leinfelder | 2.x.y               |
| 4442 | Bug     | Spatial indexing should not run and block metacat                    | New         | Normal    | ben leinfelder | 2.x.y               |
| 3509 | Bug     | Fix XML Schema filesystem namespace conflicts and backups            | New         | Normal    | ben leinfelder | 2.x.y               |
| 2130 | Bug     | Not able to delete DPs from KNB                                      | New         | Normal    | ben leinfelder | 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               |
| 5518 | Bug     | Track down the performance issue of metacat query.                   | In Progress | Normal    | ben leinfelder | 2.x.y               |
| 3402 | Bug     | internal dtDs are not handled  | In Progress | Immediate | ben leinfelder | 2.x.y               |
| 3383 | Bug     | Create RPM/Deb installation utilities                                | In Progress | Normal    | ben leinfelder | 2.x.y               |
| 2180 | Bug     | Make it easier for admin to add new layers                           | In Progress | Normal    | ben leinfelder | 2.x.y               |
| 5836 | Bug     | Logs   | New         | Normal    | ben leinfelder | Unspecified         |
| 5835 | Bug     | Leaks  | New         | Normal    | ben leinfelder | Unspecified         |
| 5828 | Bug     | docids not validated   | New         | Normal    | ben leinfelder | Unspecified         |

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| 5608 | Bug     | Enable all FK constraints in Metacat production [copies]                                 | 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    |
| 5553 | Bug     | setaccess action may have deleting access rule functionality                             | New         | Normal   | ben leinfelder | Unspecified    |
| 5548 | Bug     | Replace COS Mime multipart library   | New         | Normal   | ben leinfelder | Unspecified    |
| 5535 | Bug     | The 611 CDR documents replicated to KNB need to be repaired by fixing their inline data. | New         | Normal   | ben leinfelder | Unspecified    |
| 4437 | Bug     | allow-public-read rule is not being honored  | New         | Normal   | ben leinfelder | Unspecified    |
| 3463 | Bug     | Registry upload: include organization/skin Keywords dropdown                             | New         | Normal   | ben leinfelder | Unspecified    |
| 3272 | Bug     | Add Keywords for SANParks and SAEON when uploading spatial data                          | New         | Normal   | ben leinfelder | Unspecified    |
| 6838 | Support | LTER user can't log in   | In Progress | Normal   | ben leinfelder | Unspecified    |
| 5779 | Bug     | Owners list reorders its entries   | In Progress | Normal   | ben leinfelder | 1.11.1         |
| 7229 | Bug     | Mis-Formatting of Data Package Contents  | New         | Normal   | ben leinfelder | 2.9.0          |
| 6042 | Bug     | Cannot save/synchronize Morpho data package to the network                               | New         | High     | ben leinfelder | 1.10.0         |
| 5706 | Bug     | Menu bar font color in Ubuntu difficult to read  | New         | Normal   | ben leinfelder | 1.10.0         |
| 1832 | Bug     | need "save as" functionality in morpho   | In Progress | Normal   | ben leinfelder | 1.10.0         |
| 5118 | Bug     | export function error reporting  | New         | Normal   | ben leinfelder | 1.8.1          |
| 2851 | Bug     | Templating support for attribute entries   | New         | Normal   | ben leinfelder | 1.8.1          |
| 2411 | Bug     | physical element of dataTable element should be optional                                 | New         | Normal   | ben leinfelder | 1.8.1          |
| 5242 | Bug     | Spatial search uses 'pathquery' not 'spatial_query' action                               | New         | Normal   | ben leinfelder | 1.9            |
| 5103 | Bug     | Wizard screen to edit data entity name   | New         | Normal   | ben leinfelder | 1.9            |
| 5063 | Bug     | Morpho Data Package Editor degrades when Editing Data Table Access                       | New         | Normal   | ben leinfelder | 1.9            |
| 3897 | Bug     | Controlled vocabulary for Taxonomic Coverage   | 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            |
| 1993 | Bug     | Can't expand width of column in text import wizard                                       | New         | Normal   | ben leinfelder | 1.9            |
| 1705 | Bug     | Message after "Export" should show dir nam   | New         | Normal   | ben leinfelder | 1.9            |
| 1472 | Bug     | Morpho buttons show up without borders in certain cases.                                 | New         | Normal   | ben leinfelder | 1.9            |
| 1791 | Bug     | need ability to add data types other than dataTable (spatial)                            | In Progress | Normal   | ben leinfelder | 1.9            |
| 6049 | Feature | Render some SystemMetadata details in views  | New         | Normal   | ben leinfelder | 1.X.0          |
| 6701 | Bug     | Entity descriptions can't be added outside wizard  | New         | Normal   | ben leinfelder | 2.0.0          |
| 6700 | Bug     | Pub date field   | New         | Normal   | ben leinfelder | 2.0.0          |
| 6112 | Bug     | Use .morpho when we release the morpho   | 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          |
| 5736 | Bug     | Morpho DataONE refactor - tracker  | New         | Normal   | ben leinfelder | 2.0.0          |

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| 5805 | Bug     | Local and Network revisions show at same time in search results                     | In Progress | Normal   | ben leinfelder | 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                |
| 5848 | Bug     | Ensure Morpho can edit EML contributed by DataUp                                    | 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                |
| 5757 | Bug     | Add identifier scheme drop down to id conflict window                               | New         | Normal   | ben leinfelder | 2.1.0                |
| 5747 | Bug     | Open ORE documents locally  | New         | Normal   | ben leinfelder | 2.1.0                |
| 5743 | Bug     | Include ORE identifier in search results  | New         | Normal   | ben leinfelder | 2.1.0                |
| 5735 | Bug     | Decide on primary package identifier  | New         | Normal   | ben leinfelder | 2.1.0                |
| 6588 | Bug     | R actor does not have error for missing output                                      | New         | Normal   | ben leinfelder | 2.X.Y                |
| 6575 | Feature | reference parameters in R actor's script  | New         | Normal   | ben leinfelder | 2.X.Y                |
| 5590 | Bug     | RExpression forces pdf if 'automatically show graphics' is checked                  | New         | Normal   | ben leinfelder | 2.X.Y                |
| 5030 | Bug     | RExpression2 actor will fail if the libs are not found                              | New         | Normal   | ben leinfelder | 2.X.Y                |
| 4876 | Bug     | RExpression - recursively handle arrays   | New         | Normal   | ben leinfelder | 2.X.Y                |
| 4407 | Bug     | RExpression problems with named non-numeric vectors                                 | New         | Normal   | ben leinfelder | 2.X.Y                |
| 4219 | Bug     | "Kepler Repositories" should be retrieved from the registry                         | New         | Normal   | ben leinfelder | 2.X.Y                |
| 4010 | Bug     | RExpression2 - tracking for backwards compatibility                                 | New         | Normal   | ben leinfelder | 2.X.Y                |
| 3931 | Bug     | Get the R actor working with JNI  | New         | Normal   | ben leinfelder | 2.X.Y                |
| 4869 | Bug     | changes made to workflows during dialogs before committing (Edit Parameters/Cancel) | In Progress | Normal   | ben leinfelder | 2.X.Y                |
| 4549 | Bug     | String Replace actor "remembers" previous execution values                          | In Progress | Normal   | ben leinfelder | 2.X.Y                |
| 4002 | Bug     | RExpression2 - handle arbitrary R data structures                                   | New         | Normal   | ben leinfelder | 3.X.Y                |
| 3803 | Bug     | Cannot open a workflow through the command prompt, open with, or send to menus      | New         | Low      | ben leinfelder | 3.X.Y                |
| 3278 | Bug     | Search result count is inflated when using both KNB sources ([un]authenticated)     | New         | Normal   | ben leinfelder | 3.X.Y                |
| 3220 | Bug     | "Save" from TextEditor interferes with workflow save-before-closing prompt          | New         | Normal   | ben leinfelder | 3.X.Y                |
| 3152 | Bug     | Use EcoGridServicesController with EcoGridWriter actor                              | New         | Normal   | ben leinfelder | 3.X.Y                |
| 2963 | Bug     | Add data structure for tabular data and associated metadata                         | New         | Normal   | ben leinfelder | 3.X.Y                |
| 3187 | Bug     | RExpression actor does not share focus  | In Progress | Normal   | ben leinfelder | 3.X.Y                |
| 2028 | Bug     | provide ability to easily visualize data at various places in workflow              | In Progress | Normal   | ben leinfelder | 3.X.Y                |
| 4393 | Bug     | Use datamanager for EML QA/QC   | New         | Normal   | ben leinfelder | DataManager 1.0.0    |
| 3821 | Bug     | Cannot launch parser within Morpho when using Java 1.6                              | New         | Normal   | ben leinfelder | post-clientprototype |
| 5707 | Bug     | Auto-check for newer version of Morpho on start-up                                  | New         | Normal   | ben leinfelder | Postpone             |
| 2465 | Bug     | new lines are displayed in the text boxes but do not show after text entries saved  | New         | Normal   | ben leinfelder | Postpone             |
| 3868 | Bug     | image does not show   | New         | Normal   | ben leinfelder | Postpone             |
| 3829 | Bug     | Support UTF8 encoded XML in Metacat   | New         | Normal   | ben leinfelder | Postpone             |

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| 2969 | Bug     | Ability to join tables _across_ EML data packages   | New         | Normal   | ben leinfelder | SanParksRelease  |
| 2968 | Bug     | Ability to join tables within same EML data package   | New         | Normal   | ben leinfelder | SanParksRelease  |
| 2964 | Bug     | Change RExpression plotting actors to allow custom axis and title labels  | New         | Normal   | ben leinfelder | SanParksRelease  |
| 2962 | Bug     | Add metadata to data tokens so that it can be used downstream   | New         | Normal   | ben leinfelder | SanParksRelease  |
| 2123 | Bug     | need a way to uniquely identify actor in a workflow and locate it   | New         | Low      | ben leinfelder | SanParksRelease  |
| 4406 | Bug     | Include assessmentItemId in the Metacat indexPaths property   | New         | Normal   | ben leinfelder | server-prototype |
| 5872 | Bug     | Irregularities with access control  | New         | Normal   | ben leinfelder | Unspecified      |
| 5845 | Bug     | illegible fonts when remoting via X   | New         | Normal   | ben leinfelder | Unspecified      |
| 5809 | Bug     | Default save behavior to always include local store   | New         | Normal   | ben leinfelder | Unspecified      |
| 5780 | Bug     | DataONE object listing doesn't show the updated data package by morpho  | New         | Normal   | ben leinfelder | Unspecified      |
| 5774 | Bug     | Only save the system metadata to local and network if users only modify the system metadata rather than the data or eml | New         | Normal   | ben leinfelder | Unspecified      |
| 5104 | Bug     | CustomList text fields are too short  | New         | Normal   | ben leinfelder | Unspecified      |
| 1459 | Bug     | party editing efficiency additions  | New         | Normal   | ben leinfelder | Unspecified      |
| 4881 | Bug     | RExpression outputs [false] for any matrix of booleans  | New         | Normal   | ben leinfelder | Unspecified      |
| 4880 | Bug     | RExpression cannot output matrix of strings   | New         | Normal   | ben leinfelder | Unspecified      |
| 4879 | Bug     | RExpression replaces ) in string vectors with } when outputting to a port   | New         | Normal   | ben leinfelder | Unspecified      |
| 2930 | Bug     | Improve Login, Upload, Query results, and Metdata display aesthetics  | In Progress | Normal   | ben leinfelder | Unspecified      |
| 5053 | Bug     | Attempt to download either yields empty file or throws an error (Bespin)  | New         | Normal   | ben leinfelder | Unspecified      |
| 5039 | Bug     | Errors while saving assessments on to the server  | New         | Normal   | ben leinfelder | Unspecified      |
| 4999 | Bug     | FIRST Website download and missing metadata issues  | New         | Normal   | ben leinfelder | Unspecified      |
| 4861 | Bug     | NBII Connectivity Issues  | New         | Normal   | ben leinfelder | Unspecified      |
| 7182 | Bug     | Allow partial package downloads when some of the objects are private  | New         | Normal   | ben leinfelder |                  |
| 6959 | Bug     | http response charset not included  | New         | Normal   | ben leinfelder |                  |
| 6848 | Feature | Add link to send another verification email   | New         | Normal   | ben leinfelder |                  |
| 6702 | Bug     | Import metadata indexing option   | New         | Normal   | ben leinfelder |                  |
| 6589 | Bug     | common name in taxonomic coverage   | New         | Normal   | ben leinfelder |                  |
| 6010 | Bug     | Windows 8 installation error  | New         | Normal   | ben leinfelder |                  |
| 4886 | Bug     | "DatabaseService is already registered" error after configuring Metacat   | New         | Normal   | ben leinfelder |                  |
| 6793 | Support | Update DOIs from KNB to redirect to view service  | In Progress | High     | ben leinfelder |                  |
| 6045 | Bug     | Morpho not correctly handling Chinese characters  | In Progress | Normal   | ben leinfelder |                  |
| 6022 | Bug     | Morpho error on government computer with Windows 7  | In Progress | Normal   | ben leinfelder |                  |
| 7209 | Feature | Support for XSL transform of iso19115 metadata format   | New         | Normal   | Bryce Mecum    | 2.8.5            |

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| 7210 | Bug     | View service duplicates EML Text content  | New         | Normal    | Bryce Mecum      |                |
| 7164 | Bug     | View service rendering EML project abstract incorrectly   | New         | Normal    | Bryce Mecum      |                |
| 525  | Bug     | develop example protocol descriptions   | In Progress | Low       | Carol Blanchette | Postpone       |
| 5199 | Bug     | OAI-PMH: Improve memory management of data provider catalog metadata                                      | New         | Normal    | Chad Berkley     | 2.x.y          |
| 5198 | Bug     | OAI-PMH: Data provider may fail to trigger reharvest of documents   | New         | Normal    | Chad Berkley     | 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          |
| 5239 | Bug     | Difficulties configuring and viewing Metacat replication log file   | New         | Normal    | Chad Berkley     | Unspecified    |
| 5224 | Bug     | Scheduler part of SanParks skin needs to be updated   | New         | Normal    | Chad Berkley     | Unspecified    |
| 5155 | Bug     | To exclude a file or directory requires updating at least four places, only one should be necessary       | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 5081 | Bug     | A system for adding and removing GUI menus.   | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 5018 | Bug     | Items with the same LSID show with the same name in the Components Library                                | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4883 | Bug     | Need more command line options for kar files  | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4785 | Bug     | move cache object from 1.0 to 2.0   | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4735 | Bug     | Allow params to be passed to ConfigurationManager from the command line                                   | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4639 | Bug     | add support for -Drev to ant change-to  | New         | Low       | Chad Berkley     | 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          |
| 4591 | Bug     | ImageJ creating folders based on file paths from prior executions saved in the MOML                       | 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          |
| 4532 | Bug     | have to manually click Build to rename repositories   | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4519 | Bug     | SDF Director cannot schedule when composite actor input port is disconnected                              | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4478 | Bug     | Configuring ports   | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4371 | Bug     | pipe highlighting under "Animate at Runtime"  | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4360 | Bug     | Kepler gets slow under XP   | 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          |
| 4354 | Bug     | Enable the build system to work on multiple SCM systems.  | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4341 | Bug     | rearrange the actors module into smaller modules  | 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          |
| 4328 | Bug     | change-to command checks out across branches  | New         | Immediate | 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          |
| 4298 | Bug     | The GUI should sensibly support internalization.  | 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          |
| 4295 | Bug     | Create advanced toolbar support.  | New         | Normal    | Chad Berkley     | 2.X.Y          |

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| 4294 | Bug     | Kepler should meet established accessibility guidelines.                             | 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          |
| 4292 | Bug     | Menu items should display the same icon as buttons with the same functionality.      | New         | Normal    | 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          |
| 4289 | Bug     | Develop strategy for using assertions in the GUI                                     | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4288 | Bug     | Develop GUI error handling strategy.   | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4273 | Bug     | Ctrl+E operates on mouse position, not selection                                     | New         | Normal    | 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          |
| 4260 | Bug     | Add a test suite for the build system  | New         | Immediate | Chad Berkley | 2.X.Y          |
| 4216 | Bug     | Problems with the File to Array converter  | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4168 | Bug     | User documentation creates bloat in workflows  | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4162 | Bug     | using the alt key makes menus appear in strange places on OSX                        | 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          |
| 4112 | Bug     | make kepler use OSX dialog boxes   | 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          |
| 4097 | Bug     | here are some new svg icons for actors   | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4057 | Bug     | UserInteractiveShell message   | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4056 | Bug     | create developer documentation for svn configuration.                                | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4048 | Bug     | Get error message when too much code in single R actor                               | New         | Normal    | Chad Berkley | 2.X.Y          |
| 3973 | Bug     | Additional information for 64-bit users installing 1.0.0                             | New         | Normal    | Chad Berkley | 2.X.Y          |
| 4859 | Bug     | GDALTranslate does not work on Windows 7 (64bit)                                     | In Progress | Normal    | Chad Berkley | 2.X.Y          |
| 4811 | Bug     | No "Get Metadata" item on right-click menu after dragging an EML actor to the canvas | In Progress | Normal    | Chad Berkley | 2.X.Y          |
| 4290 | Bug     | Separate the GUI from the execution engine.  | In Progress | Immediate | Chad Berkley | 2.X.Y          |
| 4287 | Bug     | Separate user error messages from developer error messages.                          | In Progress | Immediate | Chad Berkley | 2.X.Y          |
| 4246 | Bug     | Reorganize code in util, core and gui modules  | In Progress | Immediate | Chad Berkley | 2.X.Y          |
| 4139 | Bug     | port names are displayed twice   | In Progress | Low       | Chad Berkley | 2.X.Y          |
| 4052 | Bug     | Should be able to store native libraries in a kar file                               | New         | Immediate | Chad Berkley | 3.X.Y          |
| 4035 | Bug     | MoMLSimpleApplication does not filter Display actor or any GUI Kepler actors.        | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3944 | Bug     | External script editors  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3943 | Bug     | error importing more than one actor created in one suite using kepler-1.0            | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3930 | Bug     | error importing hello-world tutorial actor into kepler-1.0 suite                     | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3921 | Bug     | Exported KAR files do not correctly export private classes                           | New         | Immediate | Chad Berkley | 3.X.Y          |
| 3915 | Bug     | The error dialogue won't go away.  | New         | Immediate | Chad Berkley | 3.X.Y          |

| #    | Tracker | Subject  | Status      | Priority  | Assignee     | Target version |
|------|---------|--|-------------|-----------|--------------|----------------|
| 3903 | Bug     | Use Java logging utilities instead of Apache commons logging facility          | New         | Low       | Chad Berkley | 3.X.Y          |
| 3899 | Bug     | web service actor does not work through proxy                                  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3802 | Bug     | actor icons prevent channel connectors to align straight                       | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3785 | Bug     | Unclear Java requirements for Kepler installer on Vista 64-bit                 | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3774 | Bug     | Hello World demo causes UI to become unresponsive and require restart          | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3724 | Bug     | composite's ports cannot be renamed from within composite--add context menu?   | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3539 | Bug     | wierd behaviors of port parameter  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3408 | Bug     | create icon for DDF Boolean Select   | New         | Low       | Chad Berkley | 3.X.Y          |
| 3407 | Bug     | reset debugging windows, add timestamps  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3333 | Bug     | "configure actor" dialog box changes after "documentation->display"            | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3292 | Bug     | ENM/GDAL_h1K_NS workflow giving an exception                                   | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3291 | Bug     | IPCC_ChangeNightlyBuildTest got an exception                                   | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3290 | Bug     | DarwinCore_test workflow takes forever to downloading data                     | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3265 | Bug     | ascToRaw needs more error handling   | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3231 | Bug     | 3-way table output (multiway cross tabulation actor?)                          | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3230 | Bug     | Matrix Viewer actor does not accept RExpression matrices                       | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3228 | Bug     | Kepler need a central place to handle network disconnection                    | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3226 | Bug     | Eval: subplots from RExpression overly condensed                               | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3205 | Bug     | gdalTranslate actor crashes on bad format and won't work with all gdal formats | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3204 | Bug     | Kepler should have FSM examples  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3194 | Bug     | add actors to support Sun Grid   | New         | Immediate | Chad Berkley | 3.X.Y          |
| 3192 | Bug     | behavior of documentation actor  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3189 | Bug     | CommandLineExec needs ability to kill spawned process                          | New         | Immediate | Chad Berkley | 3.X.Y          |
| 3149 | Bug     | cannot add arbitrary jars when exporting archive                               | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3143 | Bug     | dataFrame_R cache problem under parallels                                      | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3116 | Bug     | Web page rendering needs to be made w3c compliant                              | New         | Immediate | Chad Berkley | 3.X.Y          |
| 3095 | Bug     | add data mining actors (weka) and cheminformatics actors                       | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3066 | Bug     | actor sdk  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3062 | Bug     | Need ASC grid Utilities actor  | New         | Normal    | Chad Berkley | 3.X.Y          |
| 2895 | Bug     | Distributed Execution Tracking Bug   | New         | Immediate | Chad Berkley | 3.X.Y          |
| 2449 | Bug     | Animate at Runtime... action only partially works                              | New         | Normal    | Chad Berkley | 3.X.Y          |
| 2400 | Bug     | Need ability to set parameter ranges and relationships.                        | New         | Normal    | Chad Berkley | 3.X.Y          |
| 3693 | Bug     | MultInstanceComposite actor deadlocks sometimes                                | In Progress | Normal    | Chad Berkley | 3.X.Y          |

| #    | Tracker | Subject  | Status      | Priority  | Assignee     | Target version |
|------|---------|--|-------------|-----------|--------------|----------------|
| 3266 | Bug     | ENM/GARP_MultipleSpecies-V.xml problems  | In Progress | Normal    | Chad Berkley | 3.X.Y          |
| 2997 | Bug     | Icons stop working after using kepler for a while  | In Progress | Immediate | Chad Berkley | 3.X.Y          |
| 2987 | Bug     | Kepler Library (actor repository) Issues   | In Progress | Immediate | Chad Berkley | 3.X.Y          |
| 2828 | Bug     | Actor names inconsistent   | In Progress | Normal    | Chad Berkley | 3.X.Y          |
| 2509 | Bug     | FSM & Modal Model Menu selections do not work  | In Progress | Normal    | Chad Berkley | 3.X.Y          |
| 3387 | Bug     | ontology validation  | New         | Normal    | Chad Berkley | July312008     |
| 3386 | Bug     | ontology management with metacat   | New         | Normal    | Chad Berkley | July312008     |
| 3385 | Bug     | create ontology upload interface   | In Progress | Normal    | Chad Berkley | July312008     |
| 1065 | Bug     | create proposal for data and semantic types for workflows                                      | New         | Normal    | Chad Berkley | Unspecified    |
| 1729 | Bug     | ENM IIC3 - Initial Preparation of Hydro1K data   | In Progress | Normal    | Chad Berkley | Unspecified    |
| 5192 | Bug     | Module Manager reacts badly to dot files in resources/configuration directory                  | New         | Normal    | Chad Berkley | Unspecified    |
| 5189 | Bug     | When File -> Exit is choosen Kepler closes all workflows without warning                       | New         | Normal    | Chad Berkley | Unspecified    |
| 5187 | Bug     | GUI should make apparent unsaved changes   | New         | Normal    | Chad Berkley | Unspecified    |
| 5177 | Bug     | Enhance displaying workflow in kepler server library skin                                      | New         | Normal    | Chad Berkley | Unspecified    |
| 5162 | Bug     | Kepler quits with JVM error (no use-case for reproducing error)                                | New         | Normal    | Chad Berkley | Unspecified    |
| 5152 | Bug     | Errors when saving more than one actors in a kar.  | New         | Normal    | Chad Berkley | Unspecified    |
| 5151 | Bug     | kar files are not openable if they are generated from actors.                                  | New         | Normal    | Chad Berkley | Unspecified    |
| 5150 | Bug     | errors to save an actor as kar if its name has forward slash ('/').                            | New         | Normal    | Chad Berkley | Unspecified    |
| 5149 | Bug     | kar file saving problems.  | New         | Normal    | Chad Berkley | Unspecified    |
| 5148 | Bug     | Remove println from XSLTActor  | New         | Normal    | Chad Berkley | Unspecified    |
| 5036 | Bug     | All workflows that do not work should be moved.  | New         | Normal    | Chad Berkley | Unspecified    |
| 5027 | Bug     | Users should be able to build installers for the Kepler-2.0 branch                             | New         | Normal    | Chad Berkley | Unspecified    |
| 5012 | Bug     | highlighted OK button in 'Animate at runtime ...' menu item does not work.                     | New         | Normal    | Chad Berkley | Unspecified    |
| 4934 | Bug     | Certain non-user triggered actor icon changes are not reflected immediately in the zoom widget | New         | Normal    | Chad Berkley | Unspecified    |
| 4887 | Bug     | If a module is added to a configuration, the error message should include the fix              | New         | Normal    | Chad Berkley | Unspecified    |
| 4870 | Bug     | searching for packages with the same name from multiple sources sometimes loses results        | New         | Normal    | Chad Berkley | Unspecified    |
| 4827 | Bug     | RExpression does not handle matrix tokens correctly.   | New         | Normal    | Chad Berkley | Unspecified    |
| 4815 | Bug     | Need a target to build kepler-styles.jar   | New         | Normal    | Chad Berkley | Unspecified    |
| 4812 | Bug     | local repository KAR [right click]->Delete fails when file does not exist                      | New         | Normal    | Chad Berkley | Unspecified    |
| 4810 | Bug     | [right click]->Save Archive (KAR) on composite actor borks port attributes                     | New         | Normal    | Chad Berkley | Unspecified    |
| 4806 | Bug     | add output port to Throw Exception   | New         | Normal    | Chad Berkley | Unspecified    |
| 4795 | Bug     | RExpression & cache cleaning   | New         | Normal    | Chad Berkley | Unspecified    |

| #    | Tracker | Subject  | Status      | Priority  | Assignee           | Target version |
|------|---------|--|-------------|-----------|--------------------|----------------|
| 4995 | Bug     | ant installer fails under Linux  | In Progress | Normal    | Chad Berkley       | Unspecified    |
| 3024 | Bug     | recordDelimiter and fieldDelimiter display the unicode number on KNB   | New         | Normal    | Chris Barteau      | 2.x.y          |
| 2849 | Bug     | Bounding box problems when spanning the meridian   | New         | Normal    | Chris Barteau      | 2.x.y          |
| 2734 | Bug     | Duplicates between organizations and more than one organization listed as a owner                              | New         | Normal    | Chris Barteau      | 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          |
| 2931 | Bug     | Automatically include default upload file names for inserting ESRI data packages                               | New         | Normal    | Chris Barteau      | Unspecified    |
| 4573 | Bug     | LDAP and Register CGIs reference skin-specific templates in the common area                                    | New         | Normal    | Chris Jones        | 2.x.y          |
| 2313 | Bug     | Metacat Skins: Skins should not be installed by default  | New         | Normal    | Chris Jones        | 2.x.y          |
| 3396 | Bug     | Enable event notification feature  | In Progress | Immediate | Chris Jones        | 2.x.y          |
| 7203 | Bug     | Improve D1NodeService.isAuthorized() performance   | In Progress | Normal    | Chris Jones        | 2.9.0          |
| 7040 | Story   | A client side data and metadata manager and editor   | In Progress | Normal    | Chris Jones        | 2.0.0          |
| 2037 | Bug     | Promoting Data/Metadata  | New         | Normal    | Chris Jones        | Postpone       |
| 1935 | Bug     | Redesign PISCO EML to have complete list of fields, including the optional fields                              | New         | Normal    | Chris Jones        | Postpone       |
| 1931 | Bug     | Support multiple tables  | New         | Low       | Chris Jones        | Postpone       |
| 1630 | Bug     | Drools Rules - Layout (pagination & flow) stage of UI Gen  | In Progress | Low       | Chris Jones        | Postpone       |
| 1093 | Bug     | Unit tests for JS and XBL  | In Progress | Normal    | Chris Jones        | Postpone       |
| 1092 | Bug     | Find/Develop Documentation Tools For XBL and Javascript  | In Progress | Normal    | Chris Jones        | Postpone       |
| 2447 | Bug     | Jalama web-app XUL doesn't work in Firefox 1.5+  | New         | Immediate | Chris Jones        | Unspecified    |
| 7213 | Bug     | Document the EZID landing page template property   | New         | Normal    | Chris Jones        |                |
| 7178 | Bug     | MNodeService.getPackage() takes too long for large packages  | New         | Normal    | Chris Jones        |                |
| 1324 | Bug     | A Commit or Save Work button that wrote intermediate results to the metadata                                   | New         | Normal    | Chris Jones        |                |
| 6044 | Bug     | Enable sub-text searching in Solr queries  | In Progress | Normal    | Chris Jones        |                |
| 6893 | Bug     | DateToken value inconsistent   | New         | Low       | Christopher Brooks | 2.6.0          |
| 5664 | Bug     | Check for duplicate code   | New         | Normal    | Christopher Brooks | 2.X.Y          |
| 4281 | Bug     | ant update produces message about running svn cleanup  | In Progress | Normal    | Christopher Brooks | 2.X.Y          |
| 4254 | Bug     | wrapping up, never ending workflow! (PN inside PN)   | New         | Normal    | Christopher Brooks | 3.X.Y          |
| 2921 | Bug     | Way to temporarily comment out actors or connections   | New         | Normal    | Christopher Brooks | 3.X.Y          |
| 2349 | Bug     | Actors should have preconditions to test for long runs   | New         | Low       | Christopher Brooks | 3.X.Y          |
| 4306 | Bug     | add command line params to the configuration   | In Progress | Normal    | Christopher Brooks | 3.X.Y          |
| 2246 | Bug     | TOOLBAR: status on opening workflows and blank frames  | In Progress | Normal    | Christopher Brooks | 3.X.Y          |
| 7189 | Bug     | memory leak in Manager   | New         | Normal    | Christopher Brooks |                |
| 6391 | Task    | document and upload Sid's data to a DataONE repository   | New         | Normal    | Corinna Gries      |                |

| #    | Tracker | Subject  | Status      | Priority  | Assignee    | Target version |
|------|---------|--|-------------|-----------|-------------|----------------|
| 1426 | Bug     | closing unsaved package does not close package   | In Progress | Immediate | Dan Higgins | 1.10.0         |
| 1099 | Bug     | REOT feedback: ability to rename exported files  | 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         |
| 458  | Bug     | Need to configure Morpho to accept stream-based result sets                              | In Progress | Normal    | Dan Higgins | 1.10.0         |
| 1522 | Bug     | Morpho Update  | 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            |
| 1497 | Bug     | dpw step 3 of 15 needs more clarity about internal categorization                        | 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            |
| 1381 | Bug     | keyword set editor efficiency problems   | In Progress | Immediate | 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            |
| 1261 | Bug     | Advanced Geographic Display System   | 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            |
| 1096 | Bug     | REOT feedback: display entity # and total # of entities near/on tabs                     | In Progress | Normal    | Dan Higgins | 1.9            |
| 1095 | Bug     | REOT feedback: add toolbar buttons for data-editing, like in MS Ex**1                    | In Progress | Normal    | Dan Higgins | 1.9            |
| 940  | Bug     | need large performance enhancements  | In Progress | Normal    | Dan Higgins | 1.9            |
| 667  | Bug     | enable column reordering   | In Progress | Normal    | Dan Higgins | 1.9            |
| 657  | Bug     | rewrite code to add sample datapackage from jar file                                     | In Progress | Normal    | Dan Higgins | 1.9            |
| 545  | Bug     | annotation capability for editing data   | In Progress | Normal    | Dan Higgins | 1.9            |
| 530  | Bug     | add spell checking support   | In Progress | Normal    | Dan Higgins | 1.9            |
| 509  | Bug     | HTTPProxy Firewall support needed  | In Progress | Normal    | Dan Higgins | 1.9            |
| 394  | Bug     | window positions need to be saved  | In Progress | Normal    | Dan Higgins | 1.9            |
| 205  | Bug     | cut/copy/paste   | In Progress | Normal    | Dan Higgins | 1.9            |
| 944  | Bug     | write eml -> nbii xsl sheet  | In Progress | Immediate | Dan Higgins | 2.0.0Alpha2    |
| 2989 | Bug     | Changes in actor ontology does not cause the actor library to rebuild                    | New         | Normal    | Dan Higgins | 3.X.Y          |
| 2990 | Bug     | file open dialog should open in workflows directory                                      | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2672 | Bug     | actor search term should be trimmed + searching with multiple terms                      | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2494 | Bug     | Problem with Microsoft zip extractor and Kepler zip                                      | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2459 | Bug     | Need for actor/attribute that detects OS/executables                                     | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2382 | Bug     | Documentation kar does not appear in actor tree  | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2348 | Bug     | Rewrite disk based GIS code for speed increase   | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 2307 | Bug     | Mac OSX code missing for several JNI actors  | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 1914 | Bug     | Implement the 'most recently used' concept for workflows and actors                      | In Progress | Normal    | Dan Higgins | 3.X.Y          |
| 1143 | Bug     | need SAS actor   | In Progress | Normal    | Dan Higgins | 3.X.Y          |

| #    | Tracker | Subject   | Status      | Priority | Assignee     | Target version |
|------|---------|---|-------------|----------|--------------|----------------|
| 1282 | Bug     | Suggest closing earlier data package windows when a new data package window is opened                           | New         | Normal   | Dan Higgins  | Postpone       |
| 1496 | Bug     | "window" menu on main morpho screen does not list all open windows  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1460 | Bug     | Ablity to use TemporalPage.java from attribute or entity level  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1358 | Bug     | How to handle multiple repeated delimiters  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1103 | Bug     | REOT feedback: export and import for external data manipulation   | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1102 | Bug     | REOT feedback: change-log viewer for package versions   | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1101 | Bug     | REOT feedback: external changes to your packages  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1100 | Bug     | REOT feedback: ability to sort data by multiple columns simultaneously  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1098 | Bug     | REOT feedback: ability to freeze or lock columns while scrolling other columns sideways (like Excel split pane) | In Progress | Low      | Dan Higgins  | Postpone       |
| 664  | Bug     | add keyboard shortcuts for menus  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 660  | Bug     | Change file/directory chooser action for "Export"   | In Progress | Normal   | Dan Higgins  | Postpone       |
| 620  | Bug     | Data Files with fixed width fields are not handled  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 574  | Bug     | l--o--n--g timeout for unsuccessful network ping on Linux   | In Progress | Normal   | Dan Higgins  | Postpone       |
| 400  | Bug     | need graphical view of sampling layout  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 360  | Bug     | consolidate configuration information   | In Progress | Normal   | Dan Higgins  | Postpone       |
| 326  | Bug     | Ability to repeat more than one field   | In Progress | Low      | Dan Higgins  | Postpone       |
| 124  | Bug     | batch display and printing of resultsets  | In Progress | Normal   | Dan Higgins  | Postpone       |
| 1735 | Bug     | ENM IIK - Assemble entire GARP layer input workflow   | In Progress | Normal   | Dan Higgins  | Unspecified    |
| 1728 | Bug     | ENM IIC2 - Initial Preparation of IPCC Climate Change Data  | In Progress | Normal   | Dan Higgins  | Unspecified    |
| 1724 | Bug     | ENM II - Prepare Spatial Layers for GARP layer input  | In Progress | Normal   | Dan Higgins  | Unspecified    |
| 3564 | Bug     | calculate means, variances, and mean differences for each instance in time                                      | New         | Normal   | Daniel Crawl | ---            |
| 3563 | Bug     | calculate differences between global means  | New         | Normal   | Daniel Crawl | ---            |
| 6594 | Feature | cannot download from a tag  | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 6587 | Feature | summarize missing actors  | New         | Low      | Daniel Crawl | 2.X.Y          |
| 5689 | Bug     | remove configs/.../configuration.xml override   | New         | Low      | Daniel Crawl | 2.X.Y          |
| 5687 | Bug     | investigate alternatives to workflow versioning   | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 5652 | Bug     | Geon Scp and spa Ssh2Exec have duplicate code.  | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 5343 | Feature | Add optional Console view   | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 5333 | Bug     | 2.2 rc3: getenv("") doesn't work for mac installation.  | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 5290 | Bug     | originModule not always set   | New         | Normal   | Daniel Crawl | 2.X.Y          |
| 4920 | Bug     | dynamically change toolbar buttons  | 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          |

| #    | Tracker | Subject   | Status      | Priority  | Assignee       | Target version    |
|------|---------|---|-------------|-----------|----------------|-------------------|
| 4749 | Bug     | run google earth within kepler gui  | New         | Normal    | Daniel Crawl   | 2.X.Y             |
| 4564 | Bug     | Model Reference throws error with workflows in the same folder, but still functions                                 | New         | Normal    | Daniel Crawl   | 2.X.Y             |
| 4310 | Bug     | ValueListeners receive valueChanged events when values have not changed   | New         | Immediate | Daniel Crawl   | 2.X.Y             |
| 5760 | Bug     | saving xml to existing file asks twice on mac   | In Progress | Normal    | Daniel Crawl   | 2.X.Y             |
| 5444 | Bug     | Kepler can't run workflow if two instances exist at same time   | In Progress | Normal    | Daniel Crawl   | 2.X.Y             |
| 4323 | Bug     | Add the "send to back" menu to kepler   | In Progress | Low       | Daniel Crawl   | 2.X.Y             |
| 4203 | Bug     | use port parameters in web service actors   | In Progress | Normal    | Daniel Crawl   | 2.X.Y             |
| 4041 | Bug     | synchronization in matlab actor   | New         | Normal    | Daniel Crawl   | 3.X.Y             |
| 4039 | Bug     | matlab actor always stops matlab process in wrapup  | New         | Normal    | Daniel Crawl   | 3.X.Y             |
| 3208 | Bug     | consolidate matlab actors   | New         | Normal    | Daniel Crawl   | 3.X.Y             |
| 5640 | Bug     | associate timezones with all timestamps recorded in provenance tables   | New         | Normal    | Daniel Crawl   | reporting-2.X.Y   |
| 5429 | Bug     | improve default provenance store performance  | New         | Normal    | Daniel Crawl   | reporting-2.X.Y   |
| 5210 | Bug     | Focus stolen from user trying to drag components around during execution  | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 5171 | Bug     | link workflow in components tree to workflow in scheduler view  | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 4773 | Bug     | Data processing on the GPP  | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 4750 | Bug     | create wiring table gui   | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 4747 | Bug     | import & export site layout to SensorML   | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 4741 | Bug     | create icons for engineering view components  | New         | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 5116 | Bug     | add lat/lon to sensor metadata and use during import  | In Progress | Normal    | Daniel Crawl   | sensor-view-1.x.y |
| 5690 | Bug     | problems with updateActorDocs   | New         | Normal    | Daniel Crawl   | Unspecified       |
| 4764 | Bug     | ProvenanceRecorder.changeExecuted slow after workflow run   | New         | Immediate | Daniel Crawl   | Unspecified       |
| 6794 | Bug     | Cannot run two instances at the same time with two different users  | New         | Normal    | Daniel Crawl   |                   |
| 6571 | Bug     | Kepler command line execution won't exit if the parameter to be set in command line does not exist in the workflow. | New         | Normal    | Daniel Crawl   |                   |
| 1599 | Bug     | integration of LSID system and taxon server   | New         | Normal    | dave thau      | Unspecified       |
| 1598 | Bug     | integration of user management tools with taxonomic information   | New         | Normal    | dave thau      | Unspecified       |
| 1597 | Bug     | initial user management system for taxon server   | New         | Normal    | dave thau      | Unspecified       |
| 3112 | Bug     | Deploy ecogrid-1.0.0 services for DiGIR and enforce namespaces  | New         | Normal    | Dave Vieglaiss | ecogrid-1.1.0     |
| 324  | Bug     | perl implementation of harvester api  | In Progress | Immediate | David Blankman | ---               |
| 323  | Bug     | Establish API for communication with src and dest   | In Progress | Immediate | David Blankman | ---               |
| 1128 | Bug     | Distribution element requested for project  | In Progress | Normal    | David Blankman | Postpone          |
| 1036 | Bug     | Develop errata section for eml technical documents on web   | In Progress | Normal    | David Blankman | Postpone          |
| 365  | Bug     | Eml documentation for Seminars & LTER sites   | In Progress | Normal    | David Blankman | Postpone          |

| #    | Tracker | Subject  | Status      | Priority  | Assignee     | Target version |
|------|---------|--|-------------|-----------|--------------|----------------|
| 2491 | Bug     | Get ecogrid endpoints from Ecogrid registry  | New         | Normal    | David Sledge | Unspecified    |
| 5120 | Bug     | Provide a toggle for automatic updates   | New         | Normal    | David Welker | 2.0.0          |
| 5483 | Bug     | Another Kepler GUI will nuke the ~/.kepler/cache generated by the kepler in workflow run engine  | New         | Normal    | David Welker | Unspecified    |
| 5482 | Bug     | Module manager should run patch checker before restart   | New         | Normal    | David Welker | Unspecified    |
| 5474 | Bug     | Make the eml actor on kepler handle multiple physical representations in an entity   | New         | Normal    | David Welker | Unspecified    |
| 5435 | Bug     | passing string into a parameter for headless execution doesn't work  | New         | Normal    | David Welker | Unspecified    |
| 5344 | Bug     | Kepler ships open source software and needs to include license files   | New         | Normal    | David Welker | Unspecified    |
| 5339 | Bug     | In Database Query actor, the output port will be string type if you choose the output type to be "record"  | New         | Normal    | David Welker | Unspecified    |
| 5338 | Bug     | In Database Query actor, the output behavior will be different if there is no result set found when you check or uncheck outputEachRowSeparately                             | New         | Normal    | David Welker | Unspecified    |
| 5336 | Bug     | If a user chooses "no metadata" as output format in Database Query actor, the query result only shows one column no matter the query specifies to select two or more columns | New         | Normal    | David Welker | Unspecified    |
| 5314 | Bug     | Closing last workflow window closes Kepler application   | New         | Normal    | David Welker | Unspecified    |
| 5271 | Bug     | No-gui mode needs a way to access private data source  | New         | Normal    | David Welker | Unspecified    |
| 5269 | Bug     | Selectordialog and Case actors do not work well together   | New         | Normal    | David Welker | Unspecified    |
| 5268 | Bug     | Dragging modified version of Sinewave actor to canvas causes gui oddity  | New         | Normal    | David Welker | Unspecified    |
| 5267 | Bug     | Changing a ptolemy.kernel.util.Attribute in Kepler gui doesn't work  | New         | Normal    | David Welker | Unspecified    |
| 5258 | Bug     | kepler start exception when soft links are in KeplerData/workflows/MyWorkflows   | New         | Normal    | David Welker | Unspecified    |
| 5123 | Bug     | Create an ant task to display commits since last patch of a given module   | New         | Normal    | David Welker | Unspecified    |
| 5122 | Bug     | Develop an approval process for patches  | New         | Normal    | David Welker | Unspecified    |
| 5076 | Bug     | Minimize the number of files downloaded from the Ptolemy repository.   | New         | Normal    | David Welker | 2.X.Y          |
| 5075 | Bug     | Fix the module manager so it can show docs with any name.  | New         | Normal    | David Welker | 2.X.Y          |
| 5069 | Bug     | The ability to create user manuals from a wiki that is continuously updated.   | New         | Normal    | David Welker | 2.X.Y          |
| 5068 | Bug     | Investigate jars (why they are necessary) and upgrade whenever possible.   | New         | Normal    | David Welker | 2.X.Y          |
| 5067 | Bug     | The introduction of basic services so that module names are not referenced.  | New         | Normal    | David Welker | 2.X.Y          |
| 5048 | Bug     | Can't clean (or do other build system operations) offline  | In Progress | Normal    | David Welker | 2.X.Y          |
| 4153 | Bug     | report-overrides   | In Progress | Immediate | David Welker | 2.X.Y          |
| 4108 | Bug     | Do more extensive testing before designating a revision of Ptolemy as stable   | In Progress | Normal    | David Welker | 3.X.Y          |
| 5285 | Bug     | NPE on restart using newly created suite   | New         | Normal    | David Welker | Unspecified    |
| 5195 | Bug     | Help   Module Documentation is empty   | New         | Normal    | David Welker | Unspecified    |
| 5064 | Bug     | Kepler 2.1 Tracking Bug  | New         | Normal    | David Welker | Unspecified    |
| 4930 | Bug     | Failing to download a dependent module still indicates success   | New         | Normal    | David Welker | Unspecified    |

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version |
|------|---------|---|-------------|----------|------------------|----------------|
| 3028 | Bug     | Need for new IPCC/Hydro1K data (and metadata) on EarthGrid                                    | New         | Normal   | Deana Pennington | 3.X.Y          |
| 1725 | Bug     | ENM IIA - Prepare metadata for all input layers   | New         | Normal   | Deana Pennington | Unspecified    |
| 4700 | Bug     | Reminder Update Wiki information to reflect Kepler 2.0 release.                               | In Progress | Normal   | debi staggs      | 2.X.Y          |
| 4699 | Bug     | Reminder Bug Update FAQ to reflect Kepler 2.0 release   | In Progress | Low      | debi staggs      | 2.X.Y          |
| 4667 | Bug     | New documentation on modules and extension points for modules                                 | In Progress | Low      | debi staggs      | 2.X.Y          |
| 4480 | Bug     | can't view more than one of workflow editor, report designer, and report viewer at a time     | In Progress | Normal   | debi staggs      | 3.X.Y          |
| 4533 | Bug     | printing from the report viewer prints the workflow editor content                            | In Progress | Normal   | debi staggs      | Postpone       |
| 4240 | Bug     | Report Designer - Menus with Copy, Cut, and Paste as related to Text Fields / Section Headers | In Progress | Normal   | debi staggs      | Postpone       |
| 3938 | Bug     | simhofi workflow R actor problem  | New         | Normal   | Derik Barseghian | ---            |
| 3839 | Bug     | improve aphidPanTrapVsGDD_BYDVstudy workflow  | New         | Normal   | Derik Barseghian | ---            |
| 3677 | Bug     | document Baskett field data and upload into OSU metacat                                       | New         | Normal   | Derik Barseghian | ---            |
| 3650 | Bug     | move MET station to McLaughlin and begin work on Engineering view                             | New         | Normal   | Derik Barseghian | ---            |
| 3365 | Bug     | Example workflow pulling data from SensorBase at CENS using WebService actor or DBQuery actor | New         | Normal   | Derik Barseghian | ---            |
| 3364 | Bug     | Complete PAR data acquisition workflow  | New         | Normal   | Derik Barseghian | ---            |
| 6614 | Bug     | parameter editor background color different on Linux  | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5691 | Bug     | parameter choices are not saved   | New         | Low      | Derik Barseghian | 2.X.Y          |
| 5682 | Bug     | ontology classes require unique label   | New         | Normal   | Derik Barseghian | 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          |
| 5645 | Bug     | kar uploading should need user account.   | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5627 | Bug     | List all possible port types in actor Types drop down list                                    | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5581 | Bug     | Make UI improvements to Components Download   | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5510 | Bug     | On Ubuntu, Kepler can disappear from the dock while still running                             | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5170 | Bug     | uploading a workflow requires a refresh   | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5153 | Bug     | Save As... closes all windows associated with a workflow                                      | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 4829 | Bug     | User log4j files  | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 4736 | Bug     | RFE speed up Suggest Similar Components feature   | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 4674 | Bug     | WorkflowRunManager search cells are catching tab keys wherever they occur                     | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 4589 | Bug     | Workflow Run Manager - tagging causes row(s) to unhighlight                                   | 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          |
| 4458 | Bug     | test for moving kepler directory  | 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          |
| 4431 | Bug     | Export Archive actions should share code where possible                                       | New         | Normal   | Derik Barseghian | 2.X.Y          |

| #    | Tracker | Subject  | Status      | Priority | Assignee         | Target version |
|------|---------|--|-------------|----------|------------------|----------------|
| 4404 | Bug     | DataTurbine actor - instantiating actor without internet gives error msg                                     | New         | Normal   | Derik Barseghian | 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          |
| 4087 | Bug     | No reset/x button to clear component searches  | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 4049 | Bug     | Import actor that already exists appends strange numbering scheme  | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 3172 | Bug     | windows mouse wheel doesn't scroll canvas  | New         | Normal   | Derik Barseghian | 2.X.Y          |
| 5129 | Bug     | adding and removing configuration properties could be made easier  | In Progress | Normal   | Derik Barseghian | 2.X.Y          |
| 5045 | Bug     | Add a menu to add and configure new remote kepler servers  | In Progress | Normal   | Derik Barseghian | 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          |
| 4953 | Bug     | Remote Components category sticks around sometimes   | In Progress | Normal   | Derik Barseghian | 2.X.Y          |
| 4363 | Bug     | wrm does not properly handle ModelReference actor  | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 4138 | Bug     | Workflow Run Manager - search cell edit focus isn't lost appropriately                                       | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 4137 | Bug     | Workflow Run Manager - resizing width of column while in edit mode of search cell does not resize edit field | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 4131 | Bug     | Workflow Run Manager - Open in New Window allows opening same wf multiple times                              | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 3766 | Bug     | Improve menu options in text editor  | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 3706 | Bug     | Add "Open the container" toolbar button  | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 3705 | Bug     | some actor icons don't denote that they are a composite  | New         | Normal   | Derik Barseghian | 3.X.Y          |
| 3668 | Bug     | Define contents of "Publication Ready Archive"   | New         | Normal   | Derik Barseghian | 3.X.Y          |

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