

## 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 lsid) 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          |
| 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    |
| 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       |
| 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    |
| 7229 | Bug     | Mis-Formatting of Data Package Contents                                       | New    | Normal    | ben leinfelder | 2.9.0          |
| 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 |                |
| 6702 | Bug     | Import metadata indexing option   | New    | Normal    | ben leinfelder |                |
| 6701 | Bug     | Entity descriptions can't be added outside wizard                             | New    | Normal    | ben leinfelder | 2.0.0          |
| 6700 | Bug     | Pub date field  | New    | Normal    | ben leinfelder | 2.0.0          |
| 6589 | Bug     | common name in taxonomic coverage   | New    | Normal    | ben leinfelder |                |
| 6588 | Bug     | R actor does not have error for missing output                                | New    | Normal    | ben leinfelder | 2.X.Y          |
| 6112 | Bug     | Use .morpho when we release the morpho  | New    | Normal    | ben leinfelder | 2.0.0          |
| 6042 | Bug     | Cannot save/synchronize Morpho data package to the network                    | New    | High      | ben leinfelder | 1.10.0         |
| 6010 | Bug     | Windows 8 installation error  | New    | Normal    | ben leinfelder |                |
| 5887 | Bug     | Handle the query result set which contains the revision chains of documents   | New    | Normal    | ben leinfelder | 2.0.0          |
| 5872 | Bug     | Irregularities with access control  | New    | Normal    | ben leinfelder | Unspecified    |
| 5848 | Bug     | Ensure Morpho can edit EML contributed by DataUp                              | New    | Normal    | ben leinfelder | 2.1.0          |
| 5845 | Bug     | illegible fonts when remoting via X   | New    | Normal    | ben leinfelder | Unspecified    |
| 5836 | Bug     | Logs  | New    | Normal    | ben leinfelder | Unspecified    |
| 5835 | Bug     | Leaks   | New    | Normal    | ben leinfelder | Unspecified    |

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| 5830 | Bug     | Deployment directory incorrect  | New    | Normal   | ben leinfelder | 2.x.y                |
| 5828 | Bug     | docids not validated  | New    | Normal   | ben leinfelder | Unspecified          |
| 5821 | Bug     | Allow certificate-based Metacat administration  | New    | Normal   | ben leinfelder | 2.x.y                |
| 5809 | Bug     | Default save behavior to always include local store   | New    | Normal   | ben leinfelder | Unspecified          |
| 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          |
| 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                |
| 5736 | Bug     | Morpho DataONE refactor - tracker   | New    | Normal   | ben leinfelder | 2.0.0                |
| 5735 | Bug     | Decide on primary package identifier  | New    | Normal   | ben leinfelder | 2.1.0                |
| 5707 | Bug     | Auto-check for newer version of Morpho on start-up  | New    | Normal   | ben leinfelder | Postpone             |
| 5706 | Bug     | Menu bar font color in Ubuntu difficult to read   | New    | Normal   | ben leinfelder | 1.10.0               |
| 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          |
| 5590 | Bug     | RExpression forces pdf if 'automatically show graphics' is checked  | New    | Normal   | ben leinfelder | 2.X.Y                |
| 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          |
| 5522 | Bug     | download linked KNB data and convert links in EML to ORE packages   | New    | Normal   | ben leinfelder | 2.x.y                |
| 5376 | Bug     | Create JUnit tests for semantic query capabilities  | New    | Normal   | ben leinfelder | sms-index-1.0.0      |
| 5374 | Bug     | Use 'semquery' within Morpho  | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0  |
| 5373 | Bug     | OntologyManager: registration and archiving   | New    | Normal   | ben leinfelder | sms-core-1.0.0       |
| 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 |
| 5262 | Bug     | EML document owner can't read the document  | New    | Normal   | ben leinfelder | 2.x.y                |
| 5242 | Bug     | Spatial search uses 'pathquery' not 'spatial_query' action  | New    | Normal   | ben leinfelder | 1.9                  |
| 5135 | Bug     | Loading ontology from local file does not seem functional   | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0  |

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| 5118 | Bug     | export function error reporting   | New    | Normal   | ben leinfelder | 1.8.1               |
| 5104 | Bug     | CustomList text fields are too short                                      | New    | Normal   | ben leinfelder | Unspecified         |
| 5103 | Bug     | Wizard screen to edit data entity name                                    | New    | Normal   | ben leinfelder | 1.9                 |
| 5078 | Bug     | Measurement templates   | New    | Normal   | ben leinfelder | morpho-plugin-0.9.0 |
| 5063 | Bug     | Morpho Data Package Editor degrades when Editing Data Table Access        | New    | Normal   | ben leinfelder | 1.9                 |
| 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         |
| 5030 | Bug     | RExpression2 actor will fail if the libs are not found                    | New    | Normal   | ben leinfelder | 2.X.Y               |
| 4999 | Bug     | FIRST Website download and missing metadata issues                        | New    | Normal   | ben leinfelder | Unspecified         |
| 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 |
| 4886 | Bug     | "DatabaseService is already registered" error after configuring Metacat   | New    | Normal   | ben leinfelder |                     |
| 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         |
| 4876 | Bug     | RExpression - recursively handle arrays                                   | New    | Normal   | ben leinfelder | 2.X.Y               |
| 4861 | Bug     | NBII Connectivity Issues  | New    | Normal   | ben leinfelder | Unspecified         |
| 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 |
| 4675 | Bug     | EML:DataTable:Annotation cardinality                                      | New    | Normal   | ben leinfelder | sms-core-1.0.0      |
| 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               |
| 4437 | Bug     | allow-public-read rule is not being honored                               | New    | Normal   | ben leinfelder | Unspecified         |
| 4407 | Bug     | RExpression problems with named non-numeric vectors                       | New    | Normal   | ben leinfelder | 2.X.Y               |
| 4406 | Bug     | Include assessmentItemId in the Metacat indexPaths property               | New    | Normal   | ben leinfelder | server-prototype    |
| 4393 | Bug     | Use datamanager for EML QA/QC   | New    | Normal   | ben leinfelder | DataManager 1.0.0   |
| 4219 | Bug     | "Kepler Repositories" should be retrieved from the registry               | New    | Normal   | ben leinfelder | 2.X.Y               |

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| 4010 | Bug     | RExpression2 - tracking for backwards compatibility                                | New    | Normal   | ben leinfelder | 2.X.Y                    |
| 4002 | Bug     | RExpression2 - handle arbitrary R data structures                                  | New    | Normal   | ben leinfelder | 3.X.Y                    |
| 3931 | Bug     | Get the R actor working with JNI   | New    | Normal   | ben leinfelder | 2.X.Y                    |
| 3897 | Bug     | Controlled vocabulary for Taxonomic Coverage                                       | New    | Normal   | ben leinfelder | 1.9                      |
| 3868 | Bug     | image does not show  | New    | Normal   | ben leinfelder | Postpone                 |
| 3829 | Bug     | Support UTF8 encoded XML in Metacat  | New    | Normal   | ben leinfelder | Postpone                 |
| 3821 | Bug     | Cannot launch parser within Morpho when using Java 1.6                             | New    | Normal   | ben leinfelder | post-clientprototype     |
| 3803 | Bug     | Cannot open a workflow through the command prompt, open with, or send to menus     | New    | Low      | ben leinfelder | 3.X.Y                    |
| 3509 | Bug     | Fix XML Schema filesystem namespace conflicts and backups                          | New    | Normal   | ben leinfelder | 2.x.y                    |
| 3463 | Bug     | Registry upload: include organization/skin Keywords dropdown                       | New    | Normal   | ben leinfelder | Unspecified              |
| 3323 | Bug     | Morpho has problem to handle special characters.                                   | New    | Normal   | ben leinfelder | 1.9                      |
| 3278 | Bug     | Search result count is inflated when using both KNB sources ([un]authenticated)    | New    | Normal   | ben leinfelder | 3.X.Y                    |
| 3272 | Bug     | Add Keywords for SANParks and SAEON when uploading spatial data                    | New    | Normal   | ben leinfelder | Unspecified              |
| 3220 | Bug     | "Save" from TextEditor interferes with workflow save-before-closing prompt         | New    | Normal   | ben leinfelder | 3.X.Y                    |
| 3171 | Bug     | Morpho install in Vista does not create a viewable sterr.log file                  | New    | Normal   | ben leinfelder | 1.9                      |
| 3152 | Bug     | Use EcoGridServicesController with EcoGridWriter actor                             | New    | Normal   | ben leinfelder | 3.X.Y                    |
| 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          |
| 2963 | Bug     | Add data structure for tabular data and associated metadata                        | New    | Normal   | ben leinfelder | 3.X.Y                    |
| 2962 | Bug     | Add metadata to data tokens so that it can be used downstream                      | New    | Normal   | ben leinfelder | SanParksRelease          |
| 2851 | Bug     | Templating support for attribute entries   | New    | Normal   | ben leinfelder | 1.8.1                    |
| 2465 | Bug     | new lines are displayed in the text boxes but do not show after text entries saved | New    | Normal   | ben leinfelder | Postpone                 |
| 2411 | Bug     | physical element of dataTable element should be optional                           | New    | Normal   | ben leinfelder | 1.8.1                    |
| 2130 | Bug     | Not able to delete DPs from KNB  | New    | Normal   | ben leinfelder | 2.x.y                    |
| 2123 | Bug     | need a way to uniquely identify actor in a workflow and locate it                  | New    | Low      | ben leinfelder | SanParksRelease          |
| 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                      |
| 1459 | Bug     | party editing efficiency additions   | New    | Normal   | ben leinfelder | Unspecified              |
| 6848 | Feature | Add link to send another verification email  | New    | Normal   | ben leinfelder |                          |
| 6575 | Feature | reference parameters in R actor's script   | New    | Normal   | ben leinfelder | 2.X.Y                    |
| 6079 | Feature | Support JSON or XML output from emlparger  | New    | Normal   | ben leinfelder | EMLPARSER_2_1_1_UPDATE_3 |

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|------|---------|---|--------|-----------|----------------|----------------|
| 6049 | Feature | Render some SystemMetadata details in views   | New    | Normal    | ben leinfelder | 1.X.0          |
| 6034 | Feature | Simplify configuration for certificate delegation   | New    | Normal    | ben leinfelder | 2.x.y          |
| 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    |                |
| 7209 | Feature | Support for XSL transform of iso19115 metadata format   | New    | Normal    | Bryce Mecum    | 2.8.5          |
| 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    |
| 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          |
| 5192 | Bug     | Module Manager reacts badly to dot files in resources/configuration directory                       | New    | Normal    | Chad Berkley   | Unspecified    |
| 5189 | Bug     | When File -> Exit is chosen 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    |
| 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          |
| 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    |
| 5081 | Bug     | A system for adding and removing GUI menus.   | New    | Normal    | Chad Berkley   | 2.X.Y          |
| 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    |
| 5018 | Bug     | Items with the same LSID show with the same name in the Components Library                          | New    | Normal    | Chad Berkley   | 2.X.Y          |
| 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    |
| 4883 | Bug     | Need more command line options for kar files  | New    | Immediate | Chad Berkley   | 2.X.Y          |
| 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    |

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| 4806 | Bug     | add output port to Throw Exception  | New    | Normal    | Chad Berkley | Unspecified    |
| 4795 | Bug     | RExpression & cache cleaning  | New    | Normal    | Chad Berkley | Unspecified    |
| 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          |
| 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          |

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| 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          |
| 4052 | Bug     | Should be able to store native libraries in a kar file                        | New    | Immediate | Chad Berkley | 3.X.Y          |
| 4048 | Bug     | Get error message when too much code in single R actor                        | 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          |
| 4035 | Bug     | MoMLSimpleApplication does not filter Display actor or any GUI Kepler actors. | New    | Normal    | Chad Berkley | 3.X.Y          |
| 3973 | Bug     | Additional information for 64-bit users installing 1.0.0                      | New    | Normal    | Chad Berkley | 2.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          |
| 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          |
| 3387 | Bug     | ontology validation   | New    | Normal    | Chad Berkley | July312008     |
| 3386 | Bug     | ontology management with metacat  | New    | Normal    | Chad Berkley | July312008     |
| 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          |

| #    | Tracker | Subject  | Status | Priority  | Assignee      | Target version |
|------|---------|--|--------|-----------|---------------|----------------|
| 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          |
| 1065 | Bug     | create proposal for data and semantic types for workflows  | New    | Normal    | Chad Berkley  | Unspecified    |
| 3024 | Bug     | recordDelimiter and fieldDelimiter display the unicode number on KNB   | 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    |
| 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          |
| 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   |                |
| 4573 | Bug     | LDAP and Register CGIs reference skin-specific templates in the common area                                    | New    | Normal    | Chris Jones   | 2.x.y          |
| 2447 | Bug     | Jalama web-app XUL doesn't work in Firefox 1.5+  | New    | Immediate | Chris Jones   | Unspecified    |
| 2313 | Bug     | Metacat Skins: Skins should not be installed by default  | New    | Normal    | Chris Jones   | 2.x.y          |
| 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       |



| #    | Tracker | Subject   | Status | Priority  | Assignee           | Target version    |
|------|---------|---|--------|-----------|--------------------|-------------------|
| 1931 | Bug     | Support multiple tables   | New    | Low       | Chris Jones        | Postpone          |
| 1324 | Bug     | A Commit or Save Work button that wrote intermediate results to the metadata  | New    | Normal    | Chris Jones        |                   |
| 7189 | Bug     | memory leak in Manager  | New    | Normal    | Christopher Brooks |                   |
| 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             |
| 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             |
| 6391 | Task    | document and upload Sid's data to a DataONE repository  | New    | Normal    | Corinna Gries      |                   |
| 2989 | Bug     | Changes in actor ontology does not cause the actor library to rebuild   | New    | Normal    | Dan Higgins        | 3.X.Y             |
| 1282 | Bug     | Suggest closing earlier data package windows when a new data package window is opened                               | New    | Normal    | Dan Higgins        | Postpone          |
| 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       |                   |
| 5690 | Bug     | problems with updateActorDocs   | New    | Normal    | Daniel Crawl       | Unspecified       |
| 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             |
| 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   |
| 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             |
| 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 |
| 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             |
| 4773 | Bug     | Data processing on the GPP  | New    | Normal    | Daniel Crawl       | sensor-view-1.x.y |
| 4764 | Bug     | ProvenanceRecorder.changeExecuted slow after workflow run   | New    | Immediate | Daniel Crawl       | Unspecified       |
| 4750 | Bug     | create wiring table gui   | New    | Normal    | Daniel Crawl       | sensor-view-1.x.y |
| 4749 | Bug     | run google earth within kepler gui  | New    | Normal    | Daniel Crawl       | 2.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 |
| 4564 | Bug     | Model Reference throws error with workflows in the same folder, but still functions                                 | New    | Normal    | Daniel Crawl       | 2.X.Y             |

| #    | Tracker | Subject  | Status | Priority  | Assignee      | Target version |
|------|---------|--|--------|-----------|---------------|----------------|
| 4310 | Bug     | ValueListeners receive valueChanged events when values have not changed  | New    | Immediate | 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          |
| 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  | ---            |
| 3208 | Bug     | consolidate matlab actors  | New    | Normal    | Daniel Crawl  | 3.X.Y          |
| 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          |
| 5343 | Feature | Add optional Console view  | New    | Normal    | Daniel Crawl  | 2.X.Y          |
| 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 Vieglais | ecogrid-1.1.0  |
| 2491 | Bug     | Get ecogrid endpoints from Ecogrid registry  | New    | Normal    | David Sledge  | Unspecified    |
| 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    |
| 5120 | Bug     | Provide a toggle for automatic updates   | New    | Normal    | David Welker  | 2.0.0          |

| #    | Tracker | Subject   | Status | Priority | Assignee         | Target version    |
|------|---------|---|--------|----------|------------------|-------------------|
| 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       |
| 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             |
| 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       |
| 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       |
| 6614 | Bug     | parameter editor background color different on Linux  | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 6413 | Bug     | error when switching to DDF inside Case refinement  | New    | Normal   | Derik Barseghian |                   |
| 6102 | Bug     | actor classes not saved properly in KAR files   | New    | Normal   | Derik Barseghian |                   |
| 5771 | Bug     | Internet Explore 9 in Win7 doesn't save drop down parameter choices                           | New    | Normal   | Derik Barseghian | unknown           |
| 5770 | Bug     | Internet Explorer 9 in Win7 doesn't properly show the "Are you sure you want to leave" dialog | New    | Normal   | Derik Barseghian | unknown           |
| 5765 | Bug     | automatically determine whether to use Table or Raw view                                      | New    | Normal   | Derik Barseghian | unknown           |
| 5764 | Bug     | move pipe Cache Time setting to Settings page   | New    | Normal   | Derik Barseghian | unknown           |
| 5729 | Bug     | problems with parameter choices that end in whitespace  | New    | Normal   | Derik Barseghian | DRD project end   |
| 5724 | Bug     | Display actor's suppressBlankLines parameter not working                                      | New    | Normal   | Derik Barseghian | Unspecified       |
| 5721 | Bug     | Add ModelRepaintController to the Kepler library  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5697 | Bug     | Workflow Run Manager can fail to Force Open a run kar that Kepler can                         | New    | Normal   | Derik Barseghian | Unspecified       |
| 5695 | Bug     | more automatic module update process.   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5692 | Bug     | Values not committed to actors  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5691 | Bug     | parameter choices are not saved   | New    | Low      | Derik Barseghian | 2.X.Y             |
| 5686 | Bug     | datasets produced by archiveDataturbineDataToMetacat workflow show samples 'sliding' in time  | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5685 | Bug     | data isn't always chunked properly  | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5682 | Bug     | ontology classes require unique label   | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5678 | Bug     | growingDegreeDays workflow at kepler repository has type resolve error                        | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5675 | Bug     | new ProgressMeter demo workflows give errors when opening in sensor-view-0.9.0                | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5674 | Bug     | The patch downloader dialog can fail to automatically restart Kepler                          | New    | Normal   | Derik Barseghian | Unspecified       |
| 5673 | Bug     | if user has newer version of module than exists in repository, old version will be downloaded | New    | Normal   | Derik Barseghian | Unspecified       |
| 5672 | Bug     | java -jar sensorview-utils-1.0.jar should invoke a simple java app that prints help           | New    | Normal   | Derik Barseghian | Unspecified       |

| #    | Tracker | Subject   | Status | Priority | Assignee         | Target version    |
|------|---------|---|--------|----------|------------------|-------------------|
| 5671 | Bug     | Workflow Run Manager tries to connect to keplerDevRepository as a database instead of kar store | New    | Normal   | Derik Barseghian | Unspecified       |
| 5670 | Bug     | see if runtimeMonitor module can be deleted, contains duplicate code                            | New    | Normal   | Derik Barseghian | Unspecified       |
| 5667 | Bug     | reevaluate how opening kars vs. XML should work from actor library.                             | New    | Normal   | Derik Barseghian | Unspecified       |
| 5645 | Bug     | kar uploading should need user account.   | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5641 | Bug     | once timezones are added to provenance, Workflow Run Manager must utilize them                  | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5639 | Bug     | ant update ptolemy -Drev=stable doesn't update you to latest "stable"                           | New    | Normal   | Derik Barseghian | Unspecified       |
| 5632 | Bug     | RuntimeMonitor token count indicator placement needs improvement                                | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5631 | Bug     | PortParameters cannot be drag-instantiated from Outline/Items of Interest trees                 | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5630 | Bug     | See about removing one set of ColorTableCellEditor and ColorTableCellRender classes             | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5628 | Bug     | possible to get NPE when right-clicking on kar in Components tree                               | New    | Normal   | Derik Barseghian | Unspecified       |
| 5627 | Bug     | List all possible port types in actor Types drop down list                                      | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5614 | Bug     | Build system should not require svn binary  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5612 | Bug     | String index out of range in R actor  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5611 | Bug     | LinearModel actor doesn't handle input variables properly                                       | New    | Normal   | Derik Barseghian | Unspecified       |
| 5600 | Bug     | Import Site Layout performance is poor for many connections at once                             | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5596 | Bug     | Kepler UI freezes after Login Anonymously   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5594 | Bug     | use input and output port icons in Items of Interest  | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5593 | Bug     | use setDefaultWidth in actors   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5591 | Bug     | Workflow Run Manager error downloading run for which module dependencies not satisfied          | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5585 | Bug     | Add date format E MMM d HH:mm:ss zzz yyyy to DateToString                                       | New    | Normal   | Derik Barseghian | Unspecified       |
| 5584 | Bug     | Create a Date To Long actor   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5583 | Bug     | Sensor Simulator controllable through Kepler  | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5582 | Bug     | DataTurbine server crashing the JRE   | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5581 | Bug     | Make UI improvements to Components Download   | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5558 | Bug     | Add kepler-tasks target to build.xml and use depend in kepler-tasks.xml                         | New    | Normal   | Derik Barseghian | Unspecified       |
| 5557 | Bug     | Replace hardcoded path separator with File.pathSeparator  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5556 | Bug     | Add key bind to GUI to avoid connecting edge prematurely  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5555 | Bug     | Add reverse index in ArrayElement   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5541 | Bug     | Kepler crashes on startup with NoClassDefFoundError   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5538 | Bug     | Eclipse uses different .class files from ant run  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5511 | Bug     | If Kepler-2.2 is running, then opening a .kar in Kepler trunk produces exceptions               | New    | Normal   | Derik Barseghian | Unspecified       |
| 5510 | Bug     | On Ubuntu, Kepler can disappear from the dock while still running                               | New    | Normal   | Derik Barseghian | 2.X.Y             |

| #    | Tracker | Subject  | Status | Priority | Assignee         | Target version    |
|------|---------|--|--------|----------|------------------|-------------------|
| 5479 | Bug     | protect against running injected MoMLs   | New    | Normal   | Derik Barseghian | DRD project end   |
| 5477 | Bug     | leaving 'Execution engine status' page open can cause problems for apache                              | New    | Normal   | Derik Barseghian | DRD project end   |
| 5476 | Bug     | consolidate private data, and automatically fill it in   | New    | Normal   | Derik Barseghian | DRD project end   |
| 5468 | Bug     | produce dynamic charts   | New    | Normal   | Derik Barseghian | DRD project end   |
| 5465 | Bug     | make SciencePipes licensing compatible with Kepler   | New    | Normal   | Derik Barseghian | DRD project end   |
| 5425 | Bug     | error when running -nocache and no .kepler   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5423 | Bug     | Put kepler-server war file and kepler executatbe as part of normal installation procedure              | New    | Normal   | Derik Barseghian | Unspecified       |
| 5413 | Bug     | large run deletion via the WRM with hsql provenance store takes a very long time and no gui feedback   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5401 | Bug     | Workflow archiving dataturbine data to metacat should check the last archiving time through repository | New    | Normal   | Derik Barseghian | Unspecified       |
| 5400 | Bug     | User can specify the interval of data chunk in the workflow archiving dataturbine data to metacat      | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5377 | Bug     | DataTurbine actor fetch time outs (blockTimeout param not used?)                                       | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5364 | Bug     | DataTurbine server memory error  | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5363 | Bug     | spanTodt performance   | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5347 | Bug     | DataTurbine actor should support Start Time with sub-second accuracy                                   | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5341 | Bug     | Belkin f5u409 usb=>serial dongle periodically stops working  | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5330 | Bug     | Workflow Run Manager - include provenance trace file in run-kar  | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5329 | Bug     | Workflow Run Manager - launch Provenance Browser from run-row  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5313 | Bug     | fix Import Sensor Site and Export Site to KML menu item issues   | New    | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5307 | Bug     | Report designer - fix drag and drop outline sizes  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5306 | Bug     | Report designer - make dynamic report item label textfields smaller                                    | New    | Normal   | Derik Barseghian | Unspecified       |
| 5305 | Bug     | Report designer - make north and south dynamic item labels left justified                              | New    | Normal   | Derik Barseghian | Unspecified       |
| 5304 | Bug     | Report designer - make "+ Get Image..." button much smaller  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5299 | Bug     | can't drag using report designer item icons  | New    | Normal   | Derik Barseghian | Unspecified       |
| 5298 | Bug     | rendered west and east dynamic item label problems   | New    | Normal   | Derik Barseghian | Unspecified       |
| 5284 | Bug     | Set uploadToServer to be true at configuration.xml   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5175 | Bug     | Fix remaining issues with exporting multiple runs into one KAR   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5170 | Bug     | uploading a workflow requires a refresh  | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5163 | Bug     | Items of Interest pane in reporting cannot be used when a sensor site is executing                     | New    | Normal   | Derik Barseghian | Unspecified       |
| 5153 | Bug     | Save As... closes all windows associated with a workflow   | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 5090 | Bug     | Report Layout interface is confusing wrt locking and switching to old layouts                          | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 5086 | Bug     | Report instance does not show in viewer after kar open   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 4933 | Bug     | Improve solution to avoid ConcurrentModificationException when tagging more than 1 run                 | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |

| #    | Tracker | Subject  | Status | Priority | Assignee         | Target version    |
|------|---------|--|--------|----------|------------------|-------------------|
| 4897 | Bug     | Arrow key navigation of Workflow Run Manager can stop working  | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 4829 | Bug     | User log4j files   | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 4763 | Bug     | create gui to access datalogger program  | New    | Normal   | Derik Barseghian | sensor-view-1.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             |
| 4404 | Bug     | DataTurbine actor - instantiating actor without internet gives error msg                                     | New    | Normal   | Derik Barseghian | 2.X.Y             |
| 4363 | Bug     | wrm does not properly handle ModelReference actor  | New    | Normal   | Derik Barseghian | 3.X.Y             |
| 4361 | Bug     | Workflow Run Manager column "Workflow Name" can be confusing   | New    | Normal   | Derik Barseghian | reporting-2.X.Y   |
| 4327 | Bug     | Workflow Run Manager - ability to import run archives  | New    | Normal   | Derik Barseghian | reporting-2.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             |
| 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             |
| 4131 | Bug     | Workflow Run Manager - Open in New Window allows opening same wf multiple times                              | New    | Normal   | Derik Barseghian | 3.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             |
| 3938 | Bug     | simhofi workflow R actor problem   | New    | Normal   | Derik Barseghian | ---               |
| 3839 | Bug     | improve aphidPanTrapVsGDD_BYDVstudy workflow   | New    | Normal   | Derik Barseghian | ---               |
| 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             |
| 3677 | Bug     | document Baskett field data and upload into OSU metacat  | New    | Normal   | Derik Barseghian | ---               |
| 3668 | Bug     | Define contents of "Publication Ready Archive"   | New    | Normal   | Derik Barseghian | 3.X.Y             |
| 3655 | Bug     | create a Workflow Run Manager with ability to export Publication Ready Archives                              | New    | Normal   | Derik Barseghian | 3.X.Y             |
| 3652 | Bug     | Ensure all Provenance Recording Types record the same things   | New    | Normal   | Derik Barseghian | 3.X.Y             |
| 3650 | Bug     | move MET station to McLaughlin and begin work on Engineering view  | New    | Normal   | Derik Barseghian | ---               |
| 3595 | Bug     | Exporting an actor should prompt user to semantically annotate it if it's not already                        | New    | Normal   | Derik Barseghian | 3.X.Y             |
| 3577 | Bug     | FilterUI actor has problems  | New    | Normal   | Derik Barseghian | 3.X.Y             |

| #    | Tracker | Subject   | Status | Priority  | Assignee         | Target version  |
|------|---------|---|--------|-----------|------------------|-----------------|
| 3531 | Bug     | Save As dialog inconsistent between linux and mac   | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3440 | Bug     | add Up and Down buttons to change port order on an actor                                      | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3388 | Bug     | error running simihofi.xml workflow in Kepler 1.0.0   | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 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 | ---             |
| 3295 | Bug     | Python/Ptolemy welcome text does not display  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3275 | Bug     | EML200DataSource interface  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3235 | Bug     | Add an Edit, Select All menu item and respective accelerator                                  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3221 | Bug     | offset new windows  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3172 | Bug     | windows mouse wheel doesn't scroll canvas   | New    | Normal    | Derik Barseghian | 2.X.Y           |
| 3161 | Bug     | progress meter when downloading data with RBNBToKepler actors                                 | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3160 | Bug     | RBNBToKepler actors should work within SDF, PN and DDF  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 3158 | Bug     | RBNBToKepler actors need to timeout more quickly  | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 2261 | Bug     | DIALOGS: Implement New "Advanced Search for Data" Dialog                                      | New    | Normal    | Derik Barseghian | 3.X.Y           |
| 6434 | Feature | add workflow execution time and other metadata to report designer                             | New    | Normal    | Derik Barseghian | reporting-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           |
| 3367 | Bug     | Harvester stores passwords in clear text  | New    | Immediate | Duane Costa      | Unspecified     |
| 2140 | Bug     | need dataset extraction WF for documentation/example purposes                                 | New    | Normal    | Efrat Jaeger     | 3.X.Y           |
| 2129 | Bug     | Data sources' schema attribute should not be stored in MoML                                   | New    | Normal    | Efrat Jaeger     | 3.X.Y           |
| 1981 | Bug     | Extend database query actor to handle datatypes   | New    | Normal    | Efrat Jaeger     | 3.X.Y           |
| 5387 | Bug     | Update CF classification based on numerical (distance) analysis                               | New    | Normal    | Forbes Boyle     | Unspecified     |
| 5386 | Bug     | Identify maritime fringe unknown specimens  | New    | Normal    | Forbes Boyle     | Unspecified     |
| 5385 | Bug     | Project 58 (Syngenta)   | New    | Normal    | Forbes Boyle     | Unspecified     |
| 5382 | Bug     | Incorporate Wiser's Classification into the Archive DB  | New    | Normal    | Forbes Boyle     | Unspecified     |
| 4423 | Bug     | Check Taxon occurrences where otherwise not know from state                                   | New    | Normal    | Forbes Boyle     | Unspecified     |
| 2749 | Bug     | Soil errors in legacy data: Mg truncated  | New    | Normal    | Forbes Boyle     | Unspecified     |
| 5646 | Bug     | Switching some of the add-on modules to core  | New    | Normal    | Ilkay Altintas   | 2.X.Y           |
| 5559 | Bug     | Curation Package User Manual PDF  | New    | Normal    | Ilkay Altintas   | Unspecified     |
| 5354 | Bug     | Integrate Kepler Wiki Into Kepler Help  | New    | Normal    | Ilkay Altintas   | 2.X.Y           |
| 5340 | Bug     | Miss a dollar sign (\$) when an actor references a parameter.                                 | New    | Normal    | Ilkay Altintas   | Unspecified     |
| 5327 | Bug     | Need to fix documentation system  | New    | Normal    | Ilkay Altintas   | Unspecified     |
| 5281 | Bug     | cannot open 1.0 KARs  | New    | Normal    | Ilkay Altintas   | 2.X.Y           |

| #    | Tracker | Subject  | Status | Priority | Assignee       | Target version |
|------|---------|--|--------|----------|----------------|----------------|
| 5173 | Bug     | Develop clear criteria for when code in Kepler CORE should be in its own module.           | New    | Normal   | Ilkay Altintas | 2.X.Y          |
| 4909 | Bug     | Actor documentation: updates ignored, duplicate info, how to refer to other actors/models? | New    | Normal   | Ilkay Altintas | Unspecified    |
| 3392 | Bug     | Need scrollbars in Documentation > Customize Documentation window                          | New    | Normal   | Ilkay Altintas | 3.X.Y          |
| 2265 | Bug     | Simple Kepler features movie to be displayed at the 1st time installation                  | New    | Normal   | Ilkay Altintas | 3.X.Y          |
| 3181 | Bug     | xs:string to ComplexType TextType, minOccurs=0, judiciously applied                        | New    | Normal   | James Brunt    | Postpone       |
| 5715 | Bug     | Actor Reference documentation  | New    | Normal   | jianwu jianwu  | 2.X.Y          |
| 5357 | Bug     | invocation problems with Distributed Composite Actor Options dialog                        | New    | Normal   | jianwu jianwu  | Unspecified    |
| 4783 | Bug     | Standardize workflow parsing to get parameters   | New    | Normal   | jianwu jianwu  | 2.X.Y          |
| 4706 | Bug     | support provenance in master-slave 2.0   | New    | Normal   | jianwu jianwu  | 2.X.Y          |
| 4642 | Bug     | memory usage & slowdowns   | New    | Normal   | jianwu jianwu  | 2.X.Y          |
| 4040 | Bug     | make a new module called globus to host globus actors and needed packages.                 | New    | Normal   | jianwu jianwu  | 2.X.Y          |
| 4003 | Bug     | Support for non-GUI Kepler installer.  | New    | Normal   | jianwu jianwu  | 3.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          |
| 7234 | Bug     | Validate SystemMetadata.checksumAlgorithm in the DataONE API calls                         | New    | Normal   | Jing Tao       |                |
| 7228 | Bug     | Error in sorting data-sets based on title in MetaCatUI                                     | New    | Normal   | Jing Tao       | 2.9.0          |
| 7226 | Bug     | Perl Registry hangs on uploads   | New    | Normal   | Jing Tao       | 2.9.0          |
| 7224 | Bug     | Document the procedure of registering a new schema in Metacat                              | New    | Normal   | Jing Tao       | 2.9.0          |

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