

## Kepler - Tickets grouped by Target version

| #                  | Tracker | Subject  | Status      | Priority | Assignee           | Target version |
|--------------------|---------|--|-------------|----------|--------------------|----------------|
| <b>2.0.0 (1)</b>   |         |  |             |          |                    |                |
| 5120               | Bug     | Provide a toggle for automatic updates   | New         | Normal   | David Welker       | 2.0.0          |
| <b>2.4.0 (1)</b>   |         |  |             |          |                    |                |
| 6167               | Bug     | Model Context Menu should have the enableBackwardTypeInference choice                        | New         | Low      |                    | 2.4.0          |
| <b>2.6.0 (1)</b>   |         |  |             |          |                    |                |
| 6893               | Bug     | DateToken value inconsistent   | New         | Low      | Christopher Brooks | 2.6.0          |
| <b>2.X.Y (142)</b> |         |  |             |          |                    |                |
| 6614               | Bug     | parameter editor background color different on Linux   | New         | Normal   | Derik Barseghian   | 2.X.Y          |
| 6594               | Feature | cannot download from a tag   | New         | Normal   | Daniel Crawl       | 2.X.Y          |
| 6588               | Bug     | R actor does not have error for missing output   | New         | Normal   | ben leinfelder     | 2.X.Y          |
| 6587               | Feature | summarize missing actors   | New         | Low      | Daniel Crawl       | 2.X.Y          |
| 6575               | Feature | reference parameters in R actor's script   | New         | Normal   | ben leinfelder     | 2.X.Y          |
| 5760               | Bug     | saving xml to existing file asks twice on mac  | In Progress | Normal   | Daniel Crawl       | 2.X.Y          |
| 5715               | Bug     | Actor Reference documentation  | New         | Normal   | jianwu jianwu      | 2.X.Y          |
| 5699               | Bug     | Change the workflow scheduler server documentation link in the workflow-scheduler-gui module | New         | Normal   | Jing Tao           | 2.X.Y          |
| 5691               | Bug     | parameter choices are not saved  | New         | Low      | Derik Barseghian   | 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          |
| 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          |
| 5664               | Bug     | Check for duplicate code   | New         | Normal   | Christopher Brooks | 2.X.Y          |
| 5652               | Bug     | Geon Scp and spa Ssh2Exec have duplicate code.   | New         | Normal   | Daniel Crawl       | 2.X.Y          |
| 5646               | Bug     | Switching some of the add-on modules to core   | New         | Normal   | Ilkay Altintas     | 2.X.Y          |
| 5645               | Bug     | kar uploading should need user account.  | New         | Normal   | Derik Barseghian   | 2.X.Y          |
| 5627               | Bug     | List all possible port types in actor Types drop down list                                   | New         | Normal   | Derik Barseghian   | 2.X.Y          |
| 5626               | Feature | interacting with kepler.sh to know the status and other information in batch-mode.           | New         | Normal   | jianwu jianwu      | 2.X.Y          |
| 5590               | Bug     | RExpression forces pdf if 'automatically show graphics' is checked                           | New         | Normal   | ben leinfelder     | 2.X.Y          |
| 5586               | Bug     | Get newest version of local files in EML actor   | New         | Normal   | Jing Tao           | 2.X.Y          |
| 5581               | Bug     | Make UI improvements to Components Download  | New         | Normal   | Derik Barseghian   | 2.X.Y          |
| 5577               | Bug     | EML 2 Dataset actor EML File and Data File parameters should accept URLs                     | New         | Normal   | Jing Tao           | 2.X.Y          |

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| 5510 | Bug     | On Ubuntu, Kepler can disappear from the dock while still running                                   | New         | Normal    | Derik Barseghian | 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          |
| 5354 | Bug     | Integrate Kepler Wiki Into Kepler Help  | New         | Normal    | Ilkay Altintas   | 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          |
| 5281 | Bug     | cannot open 1.0 KARs  | New         | Normal    | Ilkay Altintas   | 2.X.Y          |
| 5276 | Bug     | component search performance is poor  | New         | Normal    | Jing Tao         | 2.X.Y          |
| 5249 | Bug     | test kepler for memory leaks  | In Progress | Immediate | jianwu jianwu    | 2.X.Y          |
| 5173 | Bug     | Develop clear criteria for when code in Kepler CORE should be in its own module.                    | New         | Normal    | Ilkay Altintas   | 2.X.Y          |
| 5170 | Bug     | uploading a workflow requires a refresh   | New         | Normal    | Derik Barseghian | 2.X.Y          |
| 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          |
| 5153 | Bug     | Save As... closes all windows associated with a workflow  | 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          |
| 5081 | Bug     | A system for adding and removing GUI menus.   | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 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          |
| 5045 | Bug     | Add a menu to add and configure new remote kepler servers   | In Progress | Normal    | Derik Barseghian | 2.X.Y          |
| 5030 | Bug     | RExpression2 actor will fail if the libs are not found  | New         | Normal    | ben leinfelder   | 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          |
| 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          |
| 4920 | Bug     | dynamically change toolbar buttons  | New         | Normal    | Daniel Crawl     | 2.X.Y          |
| 4919 | Bug     | tag removal sends two tagRemoved events through provenance  | New         | Normal    | Sean Riddle      | 2.X.Y          |
| 4908 | Bug     | actor/director/attribute .xml file documentation needs to be updated                                | New         | Normal    | Daniel Crawl     | 2.X.Y          |
| 4883 | Bug     | Need more command line options for kar files  | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4876 | Bug     | RExpression - recursively handle arrays   | 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          |
| 4859 | Bug     | GDALTranslate does not work on Windows 7 (64bit)  | In Progress | Normal    | Chad Berkley     | 2.X.Y          |

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| 4829 | Bug     | User log4j files   | New         | Normal    | Derik Barseghian | 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          |
| 4801 | Bug     | out of memory  | In Progress | Normal    | jianwu jianwu    | 2.X.Y          |
| 4785 | Bug     | move cache object from 1.0 to 2.0  | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4783 | Bug     | Standardize workflow parsing to get parameters   | New         | Normal    | jianwu jianwu    | 2.X.Y          |
| 4749 | Bug     | run google earth within kepler gui   | New         | Normal    | Daniel Crawl     | 2.X.Y          |
| 4740 | Bug     | Create Ontology_Catalog sql table in the CORE persistent database                        | New         | Normal    | Aaron Aaron      | 2.X.Y          |
| 4736 | Bug     | RFE speed up Suggest Similar Components feature  | New         | Normal    | Derik Barseghian | 2.X.Y          |
| 4735 | Bug     | Allow params to be passed to ConfigurationManager from the command line                  | New         | Immediate | Chad Berkley     | 2.X.Y          |
| 4706 | Bug     | support provenance in master-slave 2.0   | New         | Normal    | jianwu jianwu    | 2.X.Y          |
| 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          |
| 4674 | Bug     | WorkflowRunManager search cells are catching tab keys wherever they occur                | New         | Normal    | Derik Barseghian | 2.X.Y          |
| 4667 | Bug     | New documentation on modules and extension points for modules                            | In Progress | Low       | debi staggs      | 2.X.Y          |
| 4642 | Bug     | memory usage & slowdowns   | New         | Normal    | jianwu jianwu    | 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          |
| 4604 | Bug     | Make aesthetic changes to tagging interface  | In Progress | Normal    | Sean Riddle      | 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          |
| 4589 | Bug     | Workflow Run Manager - tagging causes row(s) to unhighlight                              | New         | Normal    | Derik Barseghian | 2.X.Y          |
| 4584 | Bug     | CacheManager.getObject(KeplerLSID lsid) returns an object with the wrong LSID            | New         | Normal    | Aaron Aaron      | 2.X.Y          |
| 4577 | Bug     | integrate, and separate from save/export, the code for Uploading                         | New         | Normal    | Derik Barseghian | 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          |
| 4561 | Bug     | icon overlays not showing up for actors in the components tree                           | New         | Normal    | Chad Berkley     | 2.X.Y          |
| 4549 | Bug     | String Replace actor "remembers" previous execution values                               | In Progress | Normal    | ben leinfelder   | 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          |
| 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          |
| 4429 | Bug     | EML 2 Dataset requires File Extension Filter parameter                                   | New         | Normal    | Jing Tao         | 2.X.Y          |
| 4407 | Bug     | RExpression problems with named non-numeric vectors                                      | New         | Normal    | ben leinfelder   | 2.X.Y          |

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| 4404 | Bug     | DataTurbine actor - instantiating actor without internet gives error msg                                  | New         | Normal    | Derek Barseghian   | 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          |
| 4323 | Bug     | Add the "send to back" menu to kepler   | In Progress | Low       | Daniel Crawl       | 2.X.Y          |
| 4310 | Bug     | ValueListeners receive valueChanged events when values have not changed                                   | New         | Immediate | Daniel Crawl       | 2.X.Y          |
| 4300 | Bug     | Animate at Runtime" checkbox stays checked when director is replaced                                      | New         | Normal    | Timothy McPhillips | 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          |
| 4290 | Bug     | Separate the GUI from the execution engine.   | In Progress | Immediate | 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          |
| 4287 | Bug     | Separate user error messages from developer error messages.   | In Progress | Immediate | Chad Berkley       | 2.X.Y          |
| 4285 | Bug     | workflow canvas does not repack to fill empty space when top window is resized                            | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4281 | Bug     | ant update produces message about running svn cleanup   | In Progress | Normal    | Christopher Brooks | 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          |
| 4246 | Bug     | Reorganize code in util, core and gui modules   | In Progress | Immediate | Chad Berkley       | 2.X.Y          |
| 4219 | Bug     | "Kepler Repositories" should be retrieved from the registry   | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 4216 | Bug     | Problems with the File to Array converter   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 4203 | Bug     | use port parameters in web service actors   | In Progress | Normal    | Daniel Crawl       | 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          |
| 4153               | Bug     | report-overrides   | In Progress | Immediate | David Welker       | 2.X.Y          |
| 4139               | Bug     | port names are displayed twice   | In Progress | Low       | Chad Berkley       | 2.X.Y          |
| 4132               | Bug     | Workflow Run Manager - Open in New Window is just opening the workflow, not the ROML or report               | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 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          |
| 4095               | Bug     | Java Package Ontology (e.g. to facilitate Ptolemy component access)  | New         | Normal    | Timothy McPhillips | 2.X.Y          |
| 4087               | Bug     | No reset/x button to clear component searches  | New         | Normal    | Derik Barseghian   | 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          |
| 4049               | Bug     | Import actor that already exists appends strange numbering scheme  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| 4048               | Bug     | Get error message when too much code in single R actor   | New         | Normal    | Chad Berkley       | 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          |
| 4012               | Bug     | update documentation to explain adding actor to library via KAR  | New         | Low       | Aaron Aaron        | 2.X.Y          |
| 4010               | Bug     | RExpression2 - tracking for backwards compatibility  | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 3973               | Bug     | Additional information for 64-bit users installing 1.0.0   | New         | Normal    | Chad Berkley       | 2.X.Y          |
| 3931               | Bug     | Get the R actor working with JNI   | New         | Normal    | ben leinfelder     | 2.X.Y          |
| 3172               | Bug     | windows mouse wheel doesn't scroll canvas  | New         | Normal    | Derik Barseghian   | 2.X.Y          |
| <b>3.X.Y (206)</b> |         |  |             |           |                    |                |
| 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          |
| 4363               | Bug     | wrm does not properly handle ModelReference actor  | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 4306               | Bug     | add command line params to the configuration   | In Progress | Normal    | Christopher Brooks | 3.X.Y          |
| 4254               | Bug     | wrapping up, never ending workflow! (PN inside PN)   | New         | Normal    | Christopher Brooks | 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          |
| 4108               | Bug     | Do more extensive testing before designating a revision of Ptolemy as stable                                 | In Progress | Normal    | David Welker       | 3.X.Y          |
| 4052               | Bug     | Should be able to store native libraries in a kar file   | New         | Immediate | Chad Berkley       | 3.X.Y          |
| 4046               | Bug     | ComadTest should report more details when detecting an error   | New         | Normal    | Timothy McPhillips | 3.X.Y          |

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| 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          |
| 4035 | Bug     | MoMLSimpleApplication does not filter Display actor or any GUI Kepler actors.         | New         | Normal    | Chad Berkley       | 3.X.Y          |
| 4003 | Bug     | Support for non-GUI Kepler installer.   | New         | Normal    | jianwu jianwu      | 3.X.Y          |
| 4002 | Bug     | RExpression2 - handle arbitrary R data structures                                     | New         | Normal    | ben leinfelder     | 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          |
| 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          |
| 3803 | Bug     | Cannot open a workflow through the command prompt, open with, or send to menus        | New         | Low       | ben leinfelder     | 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          |
| 3766 | Bug     | Improve menu options in text editor   | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 3724 | Bug     | composite's ports cannot be renamed from within composite--add context menu?          | New         | Normal    | Chad Berkley       | 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          |
| 3694 | Bug     | Sharing installation among users fails, users must have write permission              | In Progress | Normal    | Jing Tao           | 3.X.Y          |
| 3693 | Bug     | MultiInstanceComposite actor deadlocks sometimes                                      | In Progress | Normal    | Chad Berkley       | 3.X.Y          |
| 3671 | Bug     | Configurable workspace directory for holding workflows, data, and run products        | New         | Normal    | Timothy McPhillips | 3.X.Y          |
| 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          |
| 3595 | Bug     | Exporting an actor should prompt user to semantically annotate it if it's not already | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 3585 | Bug     | Provide API for creating output files during a workflow run                           | New         | Normal    | Timothy McPhillips | 3.X.Y          |
| 3578 | Bug     | optimize timing of data download by EML and other data source actors                  | New         | Normal    | Jing Tao           | 3.X.Y          |
| 3577 | Bug     | FilterUI actor has problems   | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 3576 | Bug     | support for accessing cascading metadata from within CompositeCoactor                 | New         | Normal    | Timothy McPhillips | 3.X.Y          |
| 3575 | Bug     | A representation of COMAD collections on the file-system                              | New         | Normal    | Timothy McPhillips | 3.X.Y          |
| 3574 | Bug     | Support for importing directory contents using CollectionSource                       | New         | Normal    | Timothy McPhillips | 3.X.Y          |

| #    | Tracker | Subject   | Status      | Priority | Assignee           | Target version |
|------|---------|---|-------------|----------|--------------------|----------------|
| 3573 | Bug     | Support for importing file contents automatically using CollectionSource              | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3568 | Bug     | support for writing COMAD-style trace files from the Provenance Recorder              | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3566 | Bug     | order collection contents displayed in provenance browser?                            | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3560 | Bug     | Color-code contents of CollectionDisplay  | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3559 | Bug     | month field in trace file name is off by one  | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3558 | Bug     | Store each workflow run trace in it's own directory                                   | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3557 | Bug     | Provide data dependency graph view in provenance browser                              | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3555 | Bug     | enhancements to Trace File view in provenance browser                                 | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3552 | Bug     | Annotation elements in trace file do not appear in details pane of provenance browser | In Progress | Normal   | Timothy McPhillips | 3.X.Y          |
| 3546 | Bug     | Automatically load trace for a completed run into the provenance browser              | New         | Normal   | Timothy McPhillips | 3.X.Y          |
| 3539 | Bug     | wierd behaviors of port parameter   | New         | Normal   | Chad Berkley       | 3.X.Y          |
| 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          |
| 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          |
| 3392 | Bug     | Need scrollbars in Documentation > Customize Documentation window                     | New         | Normal   | Ilkay Altintas     | 3.X.Y          |
| 3388 | Bug     | error running simihofi.xml workflow in Kepler 1.0.0                                   | New         | Normal   | Derik Barseghian   | 3.X.Y          |
| 3361 | Bug     | parameters lose their Display Name when copy and pasted                               | In Progress | Normal   | Derik Barseghian   | 3.X.Y          |
| 3333 | Bug     | "configure actor" dialog box changes after "documentation->display"                   | New         | Normal   | Chad Berkley       | 3.X.Y          |
| 3295 | Bug     | Python/Ptoleimizer welcome text does not display                                      | New         | Normal   | Derik Barseghian   | 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          |
| 3278 | Bug     | Search result count is inflated when using both KNB sources ([un]authenticated)       | New         | Normal   | ben leinfelder     | 3.X.Y          |
| 3275 | Bug     | EML200DataSource interface  | New         | Normal   | Derik Barseghian   | 3.X.Y          |
| 3266 | Bug     | ENM/GARP_MultipleSpecies-V.xml problems   | In Progress | Normal   | Chad Berkley       | 3.X.Y          |
| 3265 | Bug     | ascToRaw needs more error handling  | New         | Normal   | Chad Berkley       | 3.X.Y          |
| 3235 | Bug     | Add an Edit, Select All menu item and respective accelerator                          | New         | Normal   | Derik Barseghian   | 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          |
| 3223 | Bug     | interactive graphics in R   | New         | Normal   | Matthew Brooke     | 3.X.Y          |

| #    | Tracker | Subject  | Status      | Priority  | Assignee           | Target version |
|------|---------|--|-------------|-----------|--------------------|----------------|
| 3222 | Bug     | save new workflow template   | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 3221 | Bug     | offset new windows   | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 3220 | Bug     | "Save" from TextEditor interferes with workflow save-before-closing prompt     | New         | Normal    | ben leinfelder     | 3.X.Y          |
| 3210 | Bug     | add netCDF support to Kepler   | New         | Immediate | Jing Tao           | 3.X.Y          |
| 3208 | Bug     | consolidate matlab actors  | New         | Normal    | Daniel Crawl       | 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          |
| 3187 | Bug     | RExpression actor does not share focus   | In Progress | Normal    | ben leinfelder     | 3.X.Y          |
| 3183 | Bug     | Return/Enter does not select default button in dialog boxes                    | New         | Normal    | Matthew Brooke     | 3.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          |
| 3152 | Bug     | Use EcoGridServicesController with EcoGridWriter actor                         | New         | Normal    | ben leinfelder     | 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          |
| 3106 | Bug     | Out of memory while opening all demos, is -Xss5m or SVG the problem?           | New         | Normal    | Matthew Brooke     | 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          |
| 3038 | Bug     | Save in Library Dialog problem with default Category                           | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 3028 | Bug     | Need for new IPCC/Hydro1K data (and metadata) on EarthGrid                     | New         | Normal    | Deana Pennington   | 3.X.Y          |
| 2997 | Bug     | Icons stop working after using kepler for a while                              | In Progress | Immediate | Chad Berkley       | 3.X.Y          |
| 2990 | Bug     | file open dialog should open in workflows directory                            | In Progress | Normal    | Dan Higgins        | 3.X.Y          |
| 2989 | Bug     | Changes in actor ontology does not cause the actor library to rebuild          | New         | Normal    | Dan Higgins        | 3.X.Y          |
| 2987 | Bug     | Kepler Library (actor repository) Issues                                       | In Progress | Immediate | Chad Berkley       | 3.X.Y          |
| 2963 | Bug     | Add data structure for tabular data and associated metadata                    | New         | Normal    | ben leinfelder     | 3.X.Y          |
| 2921 | Bug     | Way to temporarily comment out actors or connections                           | New         | Normal    | Christopher Brooks | 3.X.Y          |
| 2895 | Bug     | Distributed Execution Tracking Bug   | New         | Immediate | Chad Berkley       | 3.X.Y          |
| 2828 | Bug     | Actor names inconsistent   | In Progress | Normal    | Chad Berkley       | 3.X.Y          |



| #    | Tracker | Subject   | Status      | Priority  | Assignee           | Target version |
|------|---------|---|-------------|-----------|--------------------|----------------|
| 2672 | Bug     | actor search term should be trimmed + searching with multiple terms                         | In Progress | Normal    | Dan Higgins        | 3.X.Y          |
| 2570 | Bug     | port's context menu should contain renaming   | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2562 | Bug     | add unit info to eml2Data source actor  | New         | Normal    | Jing Tao           | 3.X.Y          |
| 2509 | Bug     | FSM & Modal Model Menu selections do not work   | In Progress | Normal    | Chad Berkley       | 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          |
| 2452 | Bug     | consider providing management console for workflow engineer                                 | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2451 | Bug     | consider providing data-centric/data management feature in Kepler                           | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2450 | Bug     | consider better mechanism for navigating multi-level workflow                               | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2449 | Bug     | Animate at Runtime... action only partially works   | New         | Normal    | Chad Berkley       | 3.X.Y          |
| 2446 | Bug     | ICONS: Handle missing thumbnails elegantly  | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2445 | Bug     | DataSource: add code to assign & display new raster thumbnail icons for search results list | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2416 | Bug     | ICONS: Tracking bug - Rearranging and regenerating icons                                    | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2414 | Bug     | Opening a preexisting model should open in a blank viewer                                   | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2410 | Bug     | need feature in UI for users to assign icon to an actor                                     | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2400 | Bug     | Need ability to set parameter ranges and relationships.                                     | New         | Normal    | Chad Berkley       | 3.X.Y          |
| 2397 | Bug     | TOOLTIPS: dual screen setup - tooltip sometimes shown on wrong screen                       | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2393 | Bug     | Need ability to disable 'add port' to actors where not supported                            | New         | Normal    | Matthew Brooke     | 3.X.Y          |
| 2388 | Bug     | Incorporating the SRB actors with the gsi authentication framework                          | New         | Normal    | Nandita Mangal     | 3.X.Y          |
| 2382 | Bug     | Documentation kar does not appear in actor tree   | In Progress | Normal    | Dan Higgins        | 3.X.Y          |
| 2367 | Bug     | MENUS: Context Menus - Additional context menu designs needed                               | New         | Normal    | Laura Downey       | 3.X.Y          |
| 2362 | Bug     | DataSourceIcon: use new SVG icons dynamically, instead of drawing icon                      | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2359 | Bug     | enable/disable menu items and toolbar items as appropriate                                  | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2349 | Bug     | Actors should have preconditions to test for long runs                                      | New         | Low       | Christopher Brooks | 3.X.Y          |
| 2348 | Bug     | Rewrite disk based GIS code for speed increase  | In Progress | Normal    | Dan Higgins        | 3.X.Y          |
| 2342 | Bug     | MENUS: Top-Level Menu - some toolbar buttons showing text                                   | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2338 | Bug     | TRACKING - MENUS: pop-up context menu revision  | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2337 | Bug     | TRACKING - MENUS: Top-Level Menu Revision   | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2324 | Bug     | SVG - old-style icon still displayed for certain actors                                     | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2307 | Bug     | Mac OSX code missing for several JNI actors   | In Progress | Normal    | Dan Higgins        | 3.X.Y          |
| 2302 | Bug     | Problem unzipping hierarchical data   | In Progress | Normal    | Jing Tao           | 3.X.Y          |
| 2271 | Bug     | Changing the Color Scheme   | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2270 | Bug     | TRACKING: Localization and Improvement of User-Visible Messaging Strings                    | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |

| #    | Tracker | Subject   | Status      | Priority  | Assignee           | Target version |
|------|---------|---|-------------|-----------|--------------------|----------------|
| 2265 | Bug     | Simple Kepler features movie to be displayed at the 1st time installation | New         | Normal    | Ilkay Altintas     | 3.X.Y          |
| 2264 | Bug     | DIALOGS: Implement New "Semantic Annotation" Dialog                       | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2263 | Bug     | DIALOGS: Implement New "Search Ecogrid for Data Sources" Dialog           | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2262 | Bug     | DIALOGS: Implement New "Search Ecogrid for Component Sources" Dialog      | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2261 | Bug     | DIALOGS: Implement New "Advanced Search for Data" Dialog                  | New         | Normal    | Derik Barseghian   | 3.X.Y          |
| 2260 | Bug     | DIALOGS: Implement New "Advanced Search for Components" Dialog            | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2259 | Bug     | DIALOGS: Implement New Actor Dialog                                       | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2258 | Bug     | DIALOGS: Implement New Director Dialog                                    | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2257 | Bug     | DIALOGS: Implement New Workflow Dialog                                    | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2251 | Bug     | Need to document how to use Kepler for phylogenetics                      | In Progress | Normal    | Timothy McPhillips | 3.X.Y          |
| 2250 | Bug     | Need documentation for collection-oriented workflow approach              | In Progress | Normal    | Timothy McPhillips | 3.X.Y          |
| 2249 | Bug     | Need to support a useful subset of PHYLIP (PHYlogeny Inference Package)   | In Progress | Normal    | Timothy McPhillips | 3.X.Y          |
| 2247 | Bug     | TRACKING: Popup Dialog Changes  | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2246 | Bug     | TOOLBAR: status on opening workflows and blank frames                     | In Progress | Normal    | Christopher Brooks | 3.X.Y          |
| 2245 | Bug     | TRACKING: Batik SVG Rendering - remaining tasks                           | In Progress | Immediate | Matthew Brooke     | 3.X.Y          |
| 2241 | Bug     | {de-}serialize semantic annotations to and from EML                       | In Progress | Normal    | Jing Tao           | 3.X.Y          |
| 2230 | Bug     | EML actor doesn't handle footer line in data file                         | In Progress | Normal    | Jing Tao           | 3.X.Y          |
| 2225 | Bug     | EML parser does not handle attribute list reference                       | In Progress | Normal    | Jing Tao           | 3.X.Y          |
| 2140 | Bug     | need dataset extraction WF for documentation/example purposes             | New         | Normal    | Efrat Jaeger       | 3.X.Y          |
| 2133 | Bug     | Need ability to update data searches                                      | New         | Normal    | Jing Tao           | 3.X.Y          |
| 2129 | Bug     | Data sources' schema attribute should not be stored in MoML               | New         | Normal    | Efrat Jaeger       | 3.X.Y          |
| 2122 | Bug     | add features to support semantic incompatibility                          | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 2121 | Bug     | add features to support structural incompatibility                        | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 2120 | Bug     | add visual indicators for non-annotated ports                             | New         | Normal    | Laura Downey       | 3.X.Y          |
| 2119 | Bug     | create user guide to ontologies for ecologists                            | New         | Normal    | Josh Madin         | 3.X.Y          |
| 2118 | Bug     | allow users to create units based on units in current ontology            | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 2117 | Bug     | mechanism for user to query for semantically compatible actors            | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 2116 | Bug     | alert user when new ontology is available                                 | New         | Normal    | Shawn Bowers       | 3.X.Y          |
| 2113 | Bug     | provide mechanism for saving queries                                      | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2109 | Bug     | make double-click open composite actor                                    | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2106 | Bug     | allow user to save search results   | In Progress | Normal    | Matthew Brooke     | 3.X.Y          |
| 2105 | Bug     | add taxon concept search for data   | New         | Normal    | Robert Gales       | 3.X.Y          |
| 2104 | Bug     | add concept search for data   | New         | Normal    | Shawn Bowers       | 3.X.Y          |

| #    | Tracker | Subject   | Status      | Priority  | Assignee       | Target version |
|------|---------|---|-------------|-----------|----------------|----------------|
| 2056 | Bug     | Port labels appear 'twice' when DataSource actor added  | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2036 | Bug     | provide different levels of turning displaying annotations  | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2033 | Bug     | provide indication of actor compatibility   | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 2029 | Bug     | consider guided analysis wizard   | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2028 | Bug     | provide ability to easily visualize data at various places in workflow  | In Progress | Normal    | ben leinfelder | 3.X.Y          |
| 2027 | Bug     | provide ability to assign checkpoints in the workflow   | In Progress | Normal    | Ilkay Altintas | 3.X.Y          |
| 2024 | Bug     | provide natural language summary of workflow  | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2015 | Bug     | Provide more meaningful error messages  | New         | Immediate | Laura Downey   | 3.X.Y          |
| 2012 | Bug     | Incorporate combo boxes with pick lists in as many places as possible to minimize user typing and provide knowledge of acceptable choices | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2011 | Bug     | MENUS: Context Menus - Add Cut/Copy/Paste to all right click popup menus  | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 2005 | Bug     | associate an visual text annotation with a specific actor   | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 1997 | Bug     | Support Getting Metadata for Darwin Core search result item   | New         | Normal    | Jing Tao       | 3.X.Y          |
| 1981 | Bug     | Extend database query actor to handle datatypes   | New         | Normal    | Efrat Jaeger   | 3.X.Y          |
| 1923 | Bug     | Develop ontologies; engage KR group   | New         | Normal    | Josh Madin     | 3.X.Y          |
| 1922 | Bug     | Develop strategies for GUI extensions for the semantics stuff   | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1921 | Bug     | Define the Kepler GUI components required for semantic mediation in Kepler  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1920 | Bug     | Search based on semantic annotations of a dataset's attributes  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1919 | Bug     | choose language for semantic annotations in kepler archives   | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1918 | Bug     | Search based on the semantic annotation of an actor's port  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1917 | Bug     | Design and implement workflow semantic type check.  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1916 | Bug     | Implement semantic search for data and actors in local files  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1915 | Bug     | Define a published interface for a semantic search service  | New         | Normal    | Shawn Bowers   | 3.X.Y          |
| 1914 | Bug     | Implement the 'most recently used' concept for workflows and actors   | In Progress | Normal    | Dan Higgins    | 3.X.Y          |
| 1911 | Bug     | Provide real-time feedback/animation for workflow progress as a default   | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 1890 | Bug     | Add query builder to generic db actor   | In Progress | Normal    | Efrat Jaeger   | 3.X.Y          |
| 1884 | Bug     | Enable drag and drop of ports and relations   | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 1749 | Bug     | Global toggle for port name display   | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 1655 | Bug     | DIALOGS: Implement New UI for Sources Dialog (was "integrate ecogrid registry into kepler ecogrid client")                                | In Progress | Normal    | Matthew Brooke | 3.X.Y          |
| 1587 | Bug     | Define and implement EcoGrid "dataQuery" method   | In Progress | Immediate | Jing Tao       | 3.X.Y          |
| 1548 | Bug     | consolidating data access user interfaces   | In Progress | Immediate | Jing Tao       | 3.X.Y          |
| 1143 | Bug     | need SAS actor  | In Progress | Normal    | Dan Higgins    | 3.X.Y          |

**Postpone (3)**

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version |
|------|---------|---|-------------|----------|------------------|----------------|
| 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       |
| 3633 | Bug     | New token type: By Reference / By Value   | In Progress | Normal   | Derik Barseghian | Postpone       |

### reporting-2.X.Y (21)

|      |         |  |             |           |                  |                 |
|------|---------|--|-------------|-----------|------------------|-----------------|
| 6434 | Feature | add workflow execution time and other metadata to report designer                                    | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 5641 | Bug     | once timezones are added to provenance, Workflow Run Manager must utilize them                       | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 5640 | Bug     | associate timezones with all timestamps recorded in provenance tables                                | New         | Normal    | Daniel Crawl     | reporting-2.X.Y |
| 5594 | Bug     | use input and output port icons in Items of Interest   | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 5591 | Bug     | Workflow Run Manager error downloading run for which module dependencies not satisfied               | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 5429 | Bug     | improve default provenance store performance   | New         | Normal    | Daniel Crawl     | reporting-2.X.Y |
| 5425 | Bug     | error when running -nocache and no .kepler   | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 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 |
| 5330 | Bug     | Workflow Run Manager - include provenance trace file in run-kar                                      | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 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 |
| 5095 | Bug     | test kepler and wrp for memory leaks   | In Progress | Immediate | jianwu jianwu    | reporting-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 |
| 4981 | Bug     | RIO pdfs don't show up in the Component Library  | In Progress | 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 |
| 4897 | Bug     | Arrow key navigation of Workflow Run Manager can stop working  | New         | Normal    | Derik Barseghian | reporting-2.X.Y |
| 4746 | Bug     | ability to create a Site Layout report   | In Progress | Normal    | Derik Barseghian | reporting-2.X.Y |
| 4693 | Bug     | Ability to save just a report instance   | In Progress | Normal    | Derik Barseghian | reporting-2.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 |

### SanParksRelease (5)

|      |     |  |     |        |                |                 |
|------|-----|--|-----|--------|----------------|-----------------|
| 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 |

### sensor-view-1.x.y (30)

| #                       | Tracker | Subject  | Status      | Priority | Assignee         | Target version    |
|-------------------------|---------|--|-------------|----------|------------------|-------------------|
| 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 |
| 5679                    | Bug     | the workflows in sensor-view should be resaved beneath sensor-view-0.9.0 so users aren't prompted to force open them | In Progress | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5678                    | Bug     | growingDegreeDays workflow at kepler repository has type resolve error   | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5675                    | Bug     | new ProgressMeter demo workflows give errors when opening in sensor-view-0.9.0                                       | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 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 |
| 5600                    | Bug     | Import Site Layout performance is poor for many connections at once  | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 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 |
| 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 |
| 5362                    | Bug     | Create a GUI so user can easily archive a sensor's data from a dataturbine to a metacat                              | New         | Normal   | Jing Tao         | 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 |
| 5313                    | Bug     | fix Import Sensor Site and Export Site to KML menu item issues   | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5252                    | Bug     | Plotting bugs  | In Progress | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 5210                    | Bug     | Focus stolen from user trying to drag components around during execution   | New         | Normal   | Daniel Crawl     | sensor-view-1.x.y |
| 5202                    | Bug     | update existing site layout with span changes  | In Progress | Normal   | Derik Barseghian | 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 |
| 5116                    | Bug     | add lat/lon to sensor metadata and use during import   | In Progress | Normal   | Daniel Crawl     | sensor-view-1.x.y |
| 4773                    | Bug     | Data processing on the GPP   | New         | Normal   | Daniel Crawl     | sensor-view-1.x.y |
| 4763                    | Bug     | create gui to access datalogger program  | New         | Normal   | Derik Barseghian | sensor-view-1.x.y |
| 4758                    | Bug     | search for site components in kepler's data tab  | New         | Normal   | Jing Tao         | 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 |
| <b>Unspecified (95)</b> |         |  |             |          |                  |                   |
| 5834                    | Bug     | Fix Kepler Javadoc warnings  | New         | Normal   |                  | Unspecified       |

| #    | Tracker | Subject   | Status      | Priority | Assignee         | Target version |
|------|---------|---|-------------|----------|------------------|----------------|
| 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    |
| 5693 | Bug     | decide on issuing patches so older versions of kepler can upload accessible items to Metacats > 2.0 | New         | Normal   | Jing Tao         | Unspecified    |
| 5692 | Bug     | Values not committed to actors  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5690 | Bug     | problems with updateActorDocs   | New         | Normal   | Daniel Crawl     | Unspecified    |
| 5674 | Bug     | The patch downloader dialog can fail to automatically restart Kepler                                | New         | Normal   | Derik Barseghian | Unspecified    |
| 5673 | Bug     | if user has newer version of module than exists in repository, old version will be downloaded       | New         | Normal   | Derik Barseghian | Unspecified    |
| 5672 | Bug     | java -jar sensorview-utils-1.0.jar should invoke a simple java app that prints help                 | New         | Normal   | Derik Barseghian | Unspecified    |
| 5671 | Bug     | Workflow Run Manager tries to connect to keplerDevRepository as a database instead of kar store     | New         | Normal   | Derik Barseghian | Unspecified    |
| 5670 | Bug     | see if runtimeMonitor module can be deleted, contains duplicate code                                | New         | Normal   | Derik Barseghian | Unspecified    |
| 5667 | Bug     | reevaluate how opening kars vs. XML should work from actor library.                                 | New         | Normal   | Derik Barseghian | Unspecified    |
| 5639 | Bug     | ant update ptolemy -Drev=stable doesn't update you to latest "stable"                               | New         | Normal   | Derik Barseghian | Unspecified    |
| 5628 | Bug     | possible to get NPE when right-clicking on kar in Components tree                                   | New         | Normal   | Derik Barseghian | Unspecified    |
| 5614 | Bug     | Build system should not require svn binary  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5612 | Bug     | String index out of range in R actor  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5611 | Bug     | LinearModel actor doesn't handle input variables properly   | New         | Normal   | Derik Barseghian | Unspecified    |
| 5596 | Bug     | Kepler UI freezes after Login Anonymously   | New         | Normal   | Derik Barseghian | Unspecified    |
| 5593 | Bug     | use setDefaultWidth in actors   | New         | Normal   | Derik Barseghian | Unspecified    |
| 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    |
| 5559 | Bug     | Curation Package User Manual PDF  | New         | Normal   | Ilkay Altintas   | Unspecified    |
| 5558 | Bug     | Add kepler-tasks target to build.xml and use depend in kepler-tasks.xml                             | New         | Normal   | Derik Barseghian | Unspecified    |
| 5557 | Bug     | Replace hardcoded path separator with File.pathSeparator  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5556 | Bug     | Add key bind to GUI to avoid connecting edge prematurely  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5555 | Bug     | Add reverse index in ArrayElement   | New         | Normal   | Derik Barseghian | Unspecified    |
| 5554 | Bug     | Build system doesn't recompile using dependencies by default  | In Progress | Normal   | Derik Barseghian | Unspecified    |
| 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    |
| 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    |

| #    | Tracker | Subject  | Status      | Priority | Assignee         | Target version |
|------|---------|--|-------------|----------|------------------|----------------|
| 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    |
| 5423 | Bug     | Put kepler-server war file and kepler executatlb as part of normal installation procedure  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5401 | Bug     | Workflow archiving dataturbine data to metacat should check the last archiving time through repository   | New         | Normal   | Derik Barseghian | Unspecified    |
| 5357 | Bug     | invocation problems with Distributed Composite Actor Options dialog  | New         | Normal   | jianwu jianwu    | Unspecified    |
| 5344 | Bug     | Kepler ships open source software and needs to include license files   | New         | Normal   | David Welker     | Unspecified    |
| 5340 | Bug     | Miss a dollar sing (\$) when an actor references a parameter.  | New         | Normal   | Ilkay Altintas   | 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    |
| 5329 | Bug     | Workflow Run Manager - launch Provenance Browser from run-row  | New         | Normal   | Derik Barseghian | Unspecified    |
| 5327 | Bug     | Need to fix documentation system   | New         | Normal   | Ilkay Altintas   | Unspecified    |
| 5314 | Bug     | Closing last workflow window closes Kepler application   | New         | Normal   | David Welker     | Unspecified    |
| 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    |
| 5289 | Bug     | Change report instance margins from transparent to white   | In Progress | Normal   | Derik Barseghian | Unspecified    |
| 5285 | Bug     | NPE on restart using newly created suite   | 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    |
| 5195 | Bug     | Help   Module Documentation is empty   | New         | Normal   | David Welker     | 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    |
| 5163 | Bug     | Items of Interest pane in reporting cannot be used when a sensor site is executing   | New         | Normal   | Derik Barseghian | Unspecified    |

| #    | Tracker | Subject  | Status      | Priority | Assignee       | Target version |
|------|---------|--|-------------|----------|----------------|----------------|
| 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 printIn from XSLTActor  | New         | Normal   | Chad Berkley   | 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    |
| 5064 | Bug     | Kepler 2.1 Tracking Bug  | New         | Normal   | David Welker   | 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    |
| 4995 | Bug     | ant installer fails under Linux  | In Progress | 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    |
| 4930 | Bug     | Failing to download a dependent module still indicates success                                 | New         | Normal   | David Welker   | Unspecified    |
| 4909 | Bug     | Actor documentation: updates ignored, duplicate info, how to refer to other actors/models?     | New         | Normal   | Ilkay Altintas | Unspecified    |
| 4887 | Bug     | If a module is added to a configuration, the error message should include the fix              | New         | Normal   | Chad Berkley   | 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    |
| 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    |

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