

## Issues

| #    | Project | Tracker | Status   | Priority  | Subject  | Assignee           | Updated             |
|------|---------|---------|----------|-----------|--|--------------------|---------------------|
| 5694 | Kepler  | Bug     | Resolved | Immediate | Dragging from a port results in a NPE  | Daniel Crawl       | 09/07/2012 11:16 AM |
| 4670 | Kepler  | Bug     | Resolved | Immediate | svn update fails to update module with modifications   | Chad Berkley       | 01/15/2010 10:29 AM |
| 4282 | Kepler  | Bug     | Resolved | Immediate | Duplicate of ptolemy.gui.Top   | Chad Berkley       | 09/11/2009 10:42 AM |
| 3898 | Kepler  | Bug     | Resolved | Immediate | update .kepler instead of removing it between versions   | Aaron Aaron        | 02/04/2010 12:59 PM |
| 5666 | Kepler  | Feature | New      | Normal    | Build system needs a target to build all common or blessed non-core modules  | Derik Barseghian   | 08/16/2015 06:03 PM |
| 6928 | Kepler  | Bug     | Resolved | Normal    | Check Kepler for the Apache commons deserialization problems, consider removing the commons-collections-3.2.1 jar file | Daniel Crawl       | 01/04/2016 02:05 PM |
| 5895 | Kepler  | Bug     | Resolved | Normal    | HelloWorld link is broken under Kepler-2.4rc3  | Daniel Crawl       | 03/20/2013 03:38 PM |
| 5894 | Kepler  | Bug     | Closed   | Normal    | Clone problems in NamedObjId   | Christopher Brooks | 08/17/2015 08:30 AM |
| 5893 | Kepler  | Bug     | Closed   | Normal    | During installation, Kepler takes a long time to start up under Windows  | Christopher Brooks | 08/12/2015 04:46 PM |
| 5892 | Kepler  | Bug     | Resolved | Normal    | After running various demos like HelloWorld, the user is prompted to save changes to kar                               | Daniel Crawl       | 03/19/2013 02:42 PM |
| 5891 | Kepler  | Bug     | Resolved | Normal    | Installer acks need to be update for Ptolemy   | Derik Barseghian   | 03/20/2013 10:44 AM |
| 5834 | Kepler  | Bug     | New      | Normal    | Fix Kepler Javadoc warnings  |                    | 04/11/2013 09:37 AM |
| 5677 | Kepler  | Bug     | Resolved | Normal    | SDF Iterations now defaults to AUTO  | jianwu jianwu      | 11/14/2012 03:42 PM |
| 5665 | Kepler  | Bug     | Resolved | Normal    | modulemanager et al.: swing-worker-1.2.jar should be removed   | Daniel Crawl       | 12/23/2014 03:19 PM |
| 5664 | Kepler  | Bug     | New      | Normal    | Check for duplicate code   | Christopher Brooks | 08/21/2015 04:15 PM |
| 5663 | Kepler  | Bug     | Resolved | Normal    | KeplerGraphFrame has much duplicated code  | Christopher Brooks | 08/07/2012 05:23 PM |
| 5662 | Kepler  | Bug     | Resolved | Normal    | resurgence ArrayAccumulator is a duplicate of Ptolemy ArrayAccumulate  | Derik Barseghian   | 09/17/2012 09:44 PM |
| 5661 | Kepler  | Bug     | Resolved | Normal    | Remove SwingWorker and use javax.swing.SwingWorker   | Jing Tao           | 08/23/2012 11:49 AM |
| 5660 | Kepler  | Bug     | Resolved | Normal    | ExtensionFileFilter is a duplicate of a Ptolemy class  | Daniel Crawl       | 08/17/2012 06:49 PM |
| 5659 | Kepler  | Bug     | Closed   | Normal    | Kepler CaseGraphFrame and CaseGraphTableau have duplicated Ptolemy code.   | Daniel Crawl       | 08/17/2015 08:10 AM |
| 5658 | Kepler  | Bug     | Resolved | Normal    | Rename kepler/moml/filter classes so that they don't have the same name as the Ptolemy filter classes                  | Derik Barseghian   | 08/06/2012 10:39 PM |
| 5657 | Kepler  | Bug     | Resolved | Normal    | kepler moml FileAttribute should probably be a FileParameter   | Daniel Crawl       | 09/14/2012 02:24 PM |
| 5656 | Kepler  | Bug     | Resolved | Normal    | sdm spa StringConst is a duplicate of a Ptolemy actor  | Derik Barseghian   | 09/17/2012 06:27 PM |
| 5655 | Kepler  | Bug     | Resolved | Normal    | sdm spa Repeat is a duplicate of a Ptolemy actor   | jianwu jianwu      | 09/20/2012 10:39 AM |
| 5654 | Kepler  | Bug     | Resolved | Normal    | Geon ArrayRemoveElement is a duplicate of a Ptolemy actor  | Derik Barseghian   | 09/17/2012 08:21 PM |
| 5653 | Kepler  | Bug     | Resolved | Normal    | Geon ArrayContains is a duplicate of a Ptolemy actor   | Derik Barseghian   | 09/17/2012 08:36 PM |
| 5652 | Kepler  | Bug     | New      | Normal    | Geon Scp and spa Ssh2Exec have duplicate code.   | Daniel Crawl       | 08/21/2015 04:07 PM |
| 5651 | Kepler  | Bug     | Resolved | Normal    | WebService, WebServiceStub and MessageBasedWebService have duplicate code  | Daniel Crawl       | 09/18/2012 11:41 AM |
| 5650 | Kepler  | Bug     | Resolved | Normal    | actors LidarWorkflowExecute and load WorkflowExecute have duplicated code  | Daniel Crawl       | 09/20/2012 03:44 PM |
| 5649 | Kepler  | Bug     | Resolved | Normal    | opendap/{DapObjectsToToken,TokenManager,TypeManager} are almost identical  | Daniel Crawl       | 09/14/2012 02:22 PM |

| #    | Project | Tracker | Status   | Priority | Subject  | Assignee           | Updated             |
|------|---------|---------|----------|----------|--|--------------------|---------------------|
| 5648 | Kepler  | Bug     | Resolved | Normal   | FileCopier code duplication  | Sean Riddle        | 09/17/2012 11:46 AM |
| 5642 | Kepler  | Bug     | Resolved | Normal   | Kepler should have access to the ShowTypes attribute                                       | Sean Riddle        | 10/01/2012 01:28 PM |
| 5634 | Kepler  | Bug     | Resolved | Normal   | Kepler should have Configure Layout menu choices   | Daniel Crawl       | 06/26/2012 11:56 AM |
| 5629 | Kepler  | Bug     | Resolved | Normal   | Mac DMG installer should have better background and license agreement                      | jianwu jianwu      | 09/24/2012 03:56 PM |
| 5614 | Kepler  | Bug     | New      | Normal   | Build system should not require svn binary   | Derik Barseghian   | 06/01/2012 05:33 PM |
| 5603 | Kepler  | Bug     | Resolved | Normal   | ant run -Dworkflow=\${HOME}/Downloads/SimpleLoop.kar fails                                 | Derik Barseghian   | 06/11/2012 01:58 PM |
| 5550 | Kepler  | Bug     | Resolved | Normal   | Windows installer should be a .exe, not a .jar   | Christopher Brooks | 06/26/2012 10:57 AM |
| 5539 | Kepler  | Bug     | Resolved | Normal   | Open Actor does not find the actor source code when Kepler is invoked from within Eclipse  | Derik Barseghian   | 06/24/2012 10:23 AM |
| 5538 | Kepler  | Bug     | New      | Normal   | Eclipse uses different .class files from ant run   | Derik Barseghian   | 11/12/2011 06:56 PM |
| 5529 | Kepler  | Bug     | Resolved | Normal   | Documentation for some actors such as Run Composite Actor is empty                         | Daniel Crawl       | 08/22/2012 05:34 PM |
| 5511 | Kepler  | Bug     | New      | Normal   | If Kepler-2.2 is running, then opening a .kar in Kepler trunk produces exceptions          | Derik Barseghian   | 10/17/2011 11:01 AM |
| 5509 | Kepler  | Bug     | Resolved | Normal   | How do I run the demos   | Daniel Crawl       | 07/31/2012 12:45 PM |
| 5508 | Kepler  | Bug     | Resolved | Normal   | Link to "Additional background information on Ptolemy" brings up empty page                | Christopher Brooks | 11/22/2011 11:17 AM |
| 5507 | Kepler  | Bug     | Resolved | Normal   | Windows Installer: The R choice is not unselectable  | Derik Barseghian   | 11/08/2011 06:46 PM |
| 5506 | Kepler  | Bug     | Resolved | Normal   | Windows Installer Page does not mention 2.3?   | Derik Barseghian   | 11/21/2011 07:29 PM |
| 5505 | Kepler  | Bug     | Resolved | Normal   | Kepler-2.3 installer should create directory named "Kepler-2.3", not "Kepler"              | Derik Barseghian   | 11/08/2011 06:38 PM |
| 5460 | Kepler  | Bug     | Resolved | Normal   | Mac OS X: Matlab Actors fail in Kepler.app   | David Welker       | 10/05/2011 05:38 PM |
| 5459 | Kepler  | Bug     | Resolved | Normal   | Kepler 2.3 blocking bug  | David Welker       | 08/14/2011 04:13 PM |
| 5458 | Kepler  | Bug     | Resolved | Normal   | Moving between 2.2 and 2.3 and back requires deleting ~/KeplerData                         | jianwu jianwu      | 03/11/2013 01:43 PM |
| 5457 | Kepler  | Bug     | Resolved | Normal   | Mac OS X: Kepler.app should display module error messages in a window                      | Christopher Brooks | 08/29/2012 08:21 PM |
| 5454 | Kepler  | Bug     | Resolved | Normal   | DEBUG->ANIMATE EXECUTION error message   | David Welker       | 08/06/2011 10:50 AM |
| 5453 | Kepler  | Bug     | Resolved | Normal   | ant javadoc -Dfull=true fails  | Ilkay Altintas     | 06/13/2012 07:04 PM |
| 5449 | Kepler  | Bug     | Resolved | Normal   | Running ant should include instructions about updating kepler-tasks.jar                    | David Welker       | 06/17/2012 04:51 PM |
| 5447 | Kepler  | Bug     | Resolved | Normal   | Use https, not svn to check out the pttl repository  | David Welker       | 08/04/2011 02:01 PM |
| 5445 | Kepler  | Bug     | Resolved | Normal   | Kepler 2.2.0 tar file should create a kepler-2.2.0 directory                               | David Welker       | 08/15/2011 09:01 AM |
| 5346 | Kepler  | Bug     | Resolved | Normal   | Kepler 2.2r3 Mac OS 64-bit Matlab demo fails with 'no suitable image found'                | David Welker       | 05/18/2011 04:55 PM |
| 5345 | Kepler  | Bug     | Resolved | Normal   | Kepler 2.2rc3 Copyright should be updated to 2011  | David Welker       | 06/01/2011 07:18 PM |
| 5344 | Kepler  | Bug     | New      | Normal   | Kepler ships open source software and needs to include license files                       | David Welker       | 03/09/2011 08:28 AM |
| 5342 | Kepler  | Bug     | Resolved | Normal   | ant update hangs if the svn certificate changes (and possibly always hangs the first time) | David Welker       | 08/04/2011 11:37 AM |
| 5259 | Kepler  | Bug     | Resolved | Normal   | kepler/util/src/util/LineReader.java should be updated to match Ptolemy sources            | Derik Barseghian   | 09/18/2012 02:01 PM |
| 5195 | Kepler  | Bug     | New      | Normal   | Help   Module Documentation is empty   | David Welker       | 09/29/2010 10:21 AM |
| 5194 | Kepler  | Bug     | Resolved | Normal   | demos are difficult to find  | Daniel Crawl       | 07/13/2012 03:43 PM |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee           | Updated             |
|------|---------|---------|-------------|----------|---|--------------------|---------------------|
| 5193 | Kepler  | Bug     | Resolved    | Normal   | Open menu items should be merged into one   | David Welker       | 12/10/2010 11:25 PM |
| 5192 | Kepler  | Bug     | New         | Normal   | Module Manager reacts badly to dot files in resources/configuration directory                       | Chad Berkley       | 09/29/2010 08:16 AM |
| 5155 | Kepler  | Bug     | New         | Normal   | To exclude a file or directory requires updating at least four places, only one should be necessary | Chad Berkley       | 08/18/2010 03:54 PM |
| 5082 | Kepler  | Bug     | Resolved    | Normal   | Eclipse build fails because of invalid archive  | jianwu jianwu      | 08/05/2010 04:27 PM |
| 5081 | Kepler  | Bug     | New         | Normal   | A system for adding and removing GUI menus.   | Chad Berkley       | 07/07/2010 10:26 AM |
| 5027 | Kepler  | Bug     | New         | Normal   | Users should be able to build installers for the Kepler-2.0 branch                                  | Chad Berkley       | 05/24/2010 02:22 PM |
| 5022 | Kepler  | Bug     | Resolved    | Normal   | 2.0-RC3 Windows installer creates Kepler 2.0-RC2 start menu choice, not Kepler 2.0-RC3              | Chad Berkley       | 05/28/2010 08:35 AM |
| 4997 | Kepler  | Bug     | Resolved    | Normal   | SEEK/garpModel_ImageJ.xml has an exception while opening  | David Welker       | 06/09/2010 01:38 PM |
| 4996 | Kepler  | Bug     | Resolved    | Normal   | 2.0-RC2 demos don't work  | Chad Berkley       | 05/20/2010 04:25 AM |
| 4995 | Kepler  | Bug     | In Progress | Normal   | ant installer fails under Linux   | Chad Berkley       | 11/20/2012 06:08 PM |
| 4994 | Kepler  | Bug     | Resolved    | Normal   | ant installer fails with "Invalid directory 'dir' ... outreach-2.0.0/resources"                     | Chad Berkley       | 05/23/2010 09:29 PM |
| 4993 | Kepler  | Bug     | Resolved    | Normal   | Kepler-2.0 cannot be built under windows because of apple-extensions                                | Chad Berkley       | 05/20/2010 12:34 PM |
| 4992 | Kepler  | Bug     | Resolved    | Normal   | In a shared installation, how does the user get the demo?   | Chad Berkley       | 05/20/2010 04:37 AM |
| 4991 | Kepler  | Bug     | Resolved    | Normal   | Kepler-2.0-RC2 fails to start for a non-admin user after admin install                              | Chad Berkley       | 05/20/2010 04:38 AM |
| 4990 | Kepler  | Bug     | Resolved    | Normal   | Ptolemy documentation missing   | Christopher Brooks | 05/09/2010 09:34 PM |
| 4989 | Kepler  | Bug     | Resolved    | Normal   | The installer should offer to start Kepler  | Chad Berkley       | 03/19/2013 03:50 PM |
| 4974 | Kepler  | Bug     | Resolved    | Normal   | ant run and ant force-ptolemy fail to compile an updated file                                       | Chad Berkley       | 01/11/2012 10:59 AM |
| 4926 | Kepler  | Bug     | Resolved    | Normal   | Examine Kepler for duplicated Ptolemy code  | Christopher Brooks | 08/06/2012 05:00 PM |
| 4913 | Kepler  | Bug     | Resolved    | Normal   | ant change-to -Dsuite=kepler-2.0 checks out ptolemy from the head not the rel-8-0-beta-2 branch     | Chad Berkley       | 03/29/2010 11:31 PM |
| 4909 | Kepler  | Bug     | New         | Normal   | Actor documentation: updates ignored, duplicate info, how to refer to other actors/models?          | Ilkay Altintas     | 03/29/2010 02:15 PM |
| 4908 | Kepler  | Bug     | New         | Normal   | actor/director/attribute .xml file documentation needs to be updated                                | Daniel Crawl       | 08/18/2012 06:24 PM |
| 4903 | Kepler  | Bug     | Resolved    | Normal   | Text in attributes not rendered properly  | Sean Riddle        | 11/29/2012 07:30 PM |
| 4887 | Kepler  | Bug     | New         | Normal   | If a module is added to a configuration, the error message should include the fix                   | Chad Berkley       | 03/17/2010 03:15 PM |
| 4711 | Kepler  | Bug     | Resolved    | Normal   | Problem with L.H. actor tree: ActorName,kar   | Chad Berkley       | 06/13/2012 07:15 PM |
| 4388 | Kepler  | Bug     | Resolved    | Normal   | remove the ptll module  | Chad Berkley       | 01/15/2010 11:58 AM |
| 4372 | Kepler  | Bug     | Resolved    | Normal   | demos in doc-index.htm don't exist (Hello World, Simple Addition etc.)                              | Ilkay Altintas     | 09/10/2009 11:46 AM |
| 4324 | Kepler  | Bug     | Resolved    | Normal   | ptll/module-info/revision.txt not being updated   | Sean Riddle        | 01/24/2011 10:29 AM |
| 4281 | Kepler  | Bug     | In Progress | Normal   | ant update produces message about running svn cleanup   | Christopher Brooks | 08/30/2015 04:13 PM |
| 4280 | Kepler  | Bug     | Resolved    | Normal   | ant task fails under Windows  | Chad Berkley       | 01/07/2010 07:47 PM |
| 4264 | Kepler  | Bug     | Resolved    | Normal   | ant task fails if there are java compilation errors   | Chad Berkley       | 01/07/2010 07:44 PM |

| #    | Project | Tracker | Status      | Priority | Subject  | Assignee           | Updated             |
|------|---------|---------|-------------|----------|--|--------------------|---------------------|
| 4256 | Kepler  | Bug     | Resolved    | Normal   | Change to AbstractReceiver prevents putArray() from being called                             | Christopher Brooks | 07/23/2009 04:23 PM |
| 4254 | Kepler  | Bug     | New         | Normal   | wrapping up, never ending workflow! (PN inside PN)   | Christopher Brooks | 07/20/2009 05:51 PM |
| 4244 | Kepler  | Bug     | Resolved    | Normal   | Dragging ImageAttribute into Kepler results in not finding the gif                           | Chad Berkley       | 03/25/2010 11:09 AM |
| 4194 | Kepler  | Bug     | Resolved    | Normal   | Kepler should have the Continous and Modal domains   | Christopher Brooks | 01/26/2010 05:37 PM |
| 4191 | Kepler  | Bug     | Resolved    | Normal   | Eclipse build is slow the first time "Copying resources to the output folder"                | jianwu jianwu      | 08/09/2010 03:29 PM |
| 4063 | Kepler  | Bug     | Resolved    | Normal   | Kepler-1.XDev Installer is large   | Chad Berkley       | 07/14/2009 11:40 AM |
| 4062 | Kepler  | Bug     | Resolved    | Normal   | Web Services and Data Transformation demo throws a StringOutOfBounds                         | Daniel Crawl       | 05/20/2009 09:06 AM |
| 4061 | Kepler  | Bug     | Resolved    | Normal   | Documentation links are not active   | Ilkay Altintas     | 06/11/2009 09:50 AM |
| 4060 | Kepler  | Bug     | Resolved    | Normal   | Copyrights need to be updated to 2009  | Chad Berkley       | 05/13/2009 11:59 AM |
| 4056 | Kepler  | Bug     | New         | Normal   | create developer documentation for svn configuration.  | Chad Berkley       | 01/20/2010 08:02 PM |
| 4038 | Kepler  | Bug     | Resolved    | Normal   | The first time ant change-to is run, it prints a stack trace                                 | David Welker       | 05/19/2009 07:54 AM |
| 3905 | Kepler  | Bug     | Resolved    | Normal   | In devel tree, build-area should be renamed to build   | Chad Berkley       | 04/22/2009 03:22 PM |
| 3904 | Kepler  | Bug     | Resolved    | Normal   | devel tree should have a top level build.xml file and README.txt                             | Chad Berkley       | 04/21/2009 11:13 AM |
| 3694 | Kepler  | Bug     | In Progress | Normal   | Sharing installation among users fails, users must have write permission                     | Jing Tao           | 03/25/2010 03:39 PM |
| 3255 | Kepler  | Bug     | Resolved    | Normal   | Diva ConcurrentModificationException   | Christopher Brooks | 04/30/2008 11:54 PM |
| 3254 | Kepler  | Bug     | Resolved    | Normal   | Annotations for some Ptolemy demos are not wrapped   | Christopher Brooks | 05/07/2008 03:46 PM |
| 3253 | Kepler  | Bug     | Resolved    | Normal   | IzPack Windows Installer should install in a directory with the version number               | Dan Higgins        | 05/08/2008 10:27 AM |
| 3252 | Kepler  | Bug     | Resolved    | Normal   | Ptolemy ack in installer splash screen has typos and was outdated                            | Dan Higgins        | 05/09/2008 11:23 AM |
| 3251 | Kepler  | Bug     | Resolved    | Normal   | Installer Splash Screen should be an HTML Widget   | Chad Berkley       | 07/10/2009 05:16 PM |
| 3242 | Kepler  | Bug     | Resolved    | Normal   | dlls should not go in c:/Windows/System32  | Chad Berkley       | 05/01/2009 03:30 PM |
| 3225 | Kepler  | Bug     | Resolved    | Normal   | If R is not present, then error message just says "null"                                     | Chad Berkley       | 04/17/2008 10:57 AM |
| 3204 | Kepler  | Bug     | New         | Normal   | Kepler should have FSM examples  | Chad Berkley       | 04/03/2009 02:18 PM |
| 3110 | Kepler  | Bug     | Resolved    | Normal   | Can't access actors via http   | Chad Berkley       | 04/03/2008 06:41 AM |
| 3108 | Kepler  | Bug     | Resolved    | Normal   | ENM GARP Baseline 3-Actor GARP - Browser Display demo fails with NameDuplication: convertTo? | Ilkay Altintas     | 04/23/2008 11:02 AM |
| 3107 | Kepler  | Bug     | Resolved    | Normal   | http links don't work: Unsupported file type or connection not supported                     | Chad Berkley       | 03/19/2008 01:58 PM |
| 3106 | Kepler  | Bug     | New         | Normal   | Out of memory while opening all demos, is -Xss5m or SVG the problem?                         | Matthew Brooke     | 04/03/2009 02:31 PM |
| 3105 | Kepler  | Bug     | Resolved    | Normal   | Getting Started link on Welcome Page should lead to demos                                    | Chad Berkley       | 01/29/2008 10:19 AM |
| 3103 | Kepler  | Bug     | Resolved    | Normal   | Building actor documentation from within Kepler fails  | Chad Berkley       | 03/31/2008 03:08 PM |
| 2420 | Kepler  | Bug     | Resolved    | Normal   | Need a 25x25 kepler icon to decorate title bars  | Laura Downey       | 04/21/2006 05:43 PM |
| 2414 | Kepler  | Bug     | New         | Normal   | Opening a preexisting model should open in a blank viewer                                    | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2352 | Kepler  | Bug     | Resolved    | Normal   | Preferences System needs to be resolved  | Christopher Brooks | 04/13/2006 12:06 PM |
| 2351 | Kepler  | Bug     | Resolved    | Normal   | Welcome Window Programmer/Scientist docs   | Ilkay Altintas     | 03/22/2006 04:12 PM |

| #    | Project | Tracker | Status   | Priority | Subject   | Assignee           | Updated             |
|------|---------|---------|----------|----------|---|--------------------|---------------------|
| 2344 | Kepler  | Bug     | Resolved | Normal   | Duplicate Actors that read directories                                | Dan Higgins        | 03/22/2006 04:37 PM |
| 2318 | Kepler  | Bug     | Resolved | Normal   | Copyrights and licenses of subpackages need to be handled             | Timothy McPhillips | 05/01/2008 03:21 PM |
| 6829 | Kepler  | Bug     | Closed   | Low      | ant change-to fails under Windows Server 2012 R2 with Cygwin          | Christopher Brooks | 08/16/2015 05:22 PM |
| 6167 | Kepler  | Bug     | New      | Low      | Model Context Menu should have the enableBackwardTypeInference choice |                    | 10/22/2013 06:08 PM |
| 6165 | Kepler  | Bug     | Resolved | Low      | The names of instances of the Stop actor do not display in Mac OSX.   | Daniel Crawl       | 12/23/2014 03:24 PM |
| 5633 | Kepler  | Bug     | Resolved | Low      | Actor/Attribute Search/Find Facility needs menu choices               | Daniel Crawl       | 09/07/2012 09:26 AM |
| 5020 | Kepler  | Bug     | Resolved | Low      | 2.0-RC3 installer: R Kepler Module is not optional                    | Chad Berkley       | 06/17/2012 05:08 PM |
| 3903 | Kepler  | Bug     | New      | Low      | Use Java logging utilities instead of Apache commons logging facility | Chad Berkley       | 04/21/2009 11:13 AM |
| 2349 | Kepler  | Bug     | New      | Low      | Actors should have preconditions to test for long runs                | Christopher Brooks | 02/10/2012 12:25 AM |