

Kepler - Bug #5661

Remove SwingWorker and use javax.swing.SwingWorker

08/06/2012 04:51 PM - Christopher Brooks

Status:	Resolved	Start date:	08/06/2012
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:	2.4.0	Spent time:	0.00 hour
Bugzilla-Id:	5661		
Description ./util/src/util/SwingWorker.java FIXME: Remove and use javax.swing.SwingWorker. See http://docs.oracle.com/javase/tutorial/uiswing/concurrency/worker.html "The javax.swing.SwingWorker class was added to the Java platform in Java SE 6. Prior to this, another class, also called SwingWorker, was widely used for some of the same purposes. The old SwingWorker was not part of the Java platform specification, and was not provided as part of the JDK. The new javax.swing.SwingWorker is a completely new class. Its functionality is not a strict superset of the old SwingWorker. Methods in the two classes that have the same function do not have the same names. Also, instances of the old SwingWorker class were reusable, while a new instance of javax.swing.SwingWorker is needed for each new background task." Also, remove ptolemy/src/ptolemy/gui/SwingWorker.java			

History

#1 - 08/06/2012 08:17 PM - Christopher Brooks

I've removed ptolemy/src/ptolemy/gui/SwingWorker.java

Unfortunately, org.kepler.gui.ProgressMonitorSwingWorker uses util.SwingWorker.

Sadly, util.SwingWorker was not mentioned in the imports, the extends directive uses the full path:

```
public class ProgressMonitorSwingWorker extends util.SwingWorker
```

It looks like ProgressMonitorSwingWorker is used in one place:

```
./authentication-gui/src/org/kepler/authentication/GAMAAuthenticationService.java:import org.kepler.gui.ProgressMonitorSwingWorker;
```

To close this bug, GAMAAuthenticationService and ProgressMonitorSwingWorker need to be updated.

#2 - 08/06/2012 09:55 PM - Christopher Brooks

I removed util.SwingWorker and updated
authentication-gui/src/org/kepler/authentication/GAMAAuthenticationService.java
and
authentication-gui/src/org/kepler/gui/AuthenticateAction.java

I'm dispatching this to Jing because he edited these files in 2011 so he might now know how to best test the changes.

#3 - 03/27/2013 02:31 PM - Redmine Admin

Original Bugzilla ID was 5661