Kepler - Bug #3196

Find/Change license on gpl/lgpl code

04/02/2008 08:45 AM - Chad Berkley

Status:	Resolved		**Start date:**	04/02/2008
Priority:	Immediate		**Due date:**	
Assignee:	Timothy McPhillips		**% Done:**	0%
Category:	general		**Estimated time:**	0.00 hour
Target version:	1.0.0		**Spent time:**	0.00 hour
Bugzilla-Id:	3196			

Description

We need to find any code and/or libraries that currently are using gpl or lgpl as the license and negotiate with the author to change it to BSD. Most of the code is already owned by UC so we can just change it. At least one of the jars will need to be investigated.

History

#1 - 04/02/2008 10:50 AM - Timothy McPhillips

Here are the GPL'd and LGPL'd sources Sean Riddle found in the
Kepler source tree (with known authors/copyright holders in parentheses)
as of 3/21/08:

GPL

GRASS GIS
- cpp/gis/grass/GISHull/hull.cpp (Andrea Aime, Markus Neteler)
org/geon (Auto-generated by SEEK AMS)
- org/geon/GridOverlay.java (Efrat Jaeger, Ilkay Altintas)
- org/geon/Interpolate.java (Efrat Jaeger, John Harris)
org/kepler/gui
- org/kepler/gui/LibrarySearchPane.java (Chad Berkley)
- org/kepler/gui/LibrarySearchResultPane.java (Chad Berkley)
- org/kepler/gui/ResultHighlighter.java (Kevin Ruland)
- org/kepler/gui/ResultTreeRebuilder.java (Chad Berkley)
org/nmiworkflow
- org/nmiworkflow/GlobusJob.java
- org/nmiworkflow/GridFTP.java (Efrat Jaeger)
util
- util/PersistentTableModel.java (Ben Leinfelder)

LGPL
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com/numericsolutions/geomodeltools
- com/numericsolutions/geomodeltools/GeomodelGlue.java
(Numeric Solutions)
- com/numericsolutions/geomodeltools/invdist_power_isosearch2d.java
(John Harris)
cpp/geotools package
- cpp/geotools/Makefile (Numeric Solutions)
- cpp/geotools/nsgeodata.cpp (Numeric Solutions)
- cpp/geotools/nsgeomath.cpp (Numeric Solutions)
- cpp/geotools/nsgeomath.h (Numeric Solutions)
- cpp/geotools/nsgeotoolsjniglue.cpp (Numeric Solutions)
org/kepler/dataproxy/datasource/opendap
- org/kepler/dataproxy/datasource/opendap/DapTranslator.java
(OPeNDAP Inc, Nathan Potter)
- org/kepler/dataproxy/datasource/opendap/OpendapDataSource.java
(OPeNDAP Inc, Nathan Potter)
- org/kepler/dataproxy/datasource/opendap/TypeMapper.java
(OPeNDAP Inc, Nathan Potter)

#2 - 04/04/2008 02:39 PM - Timothy McPhillips

The jar file lib/jar/cipres/jacorb.jar needs to be removed and dependencies on it satisfied some other way. The Jacorb package (
http://www.jacorb.org/) is distributed under the LGPL license, and thus cannot be included in the Kepler release. It was added to Kepler with the
comment, "Added jacorb.jar because the actors for CIPRes need to use CORBA".

#3 - 04/04/2008 02:54 PM - Christopher Brooks

I might be confused, but I thought that LGPL code was ok to include
because it is non-viral
http://ptolemy.eecs.berkeley.edu/ptolemyII/ptIIlatest/ptII/doc/coding/style.htm
says:
"Another GNU license is the GNU Library General Public License now known
as the GNU Lesser General Public License (LGPL). We try to avoid packages
that have this license, but we on occasion we have included them with
Ptolemy II. The LGPL license is less strict than the GPL - the LGPL
permits linking with other packages without encumbering the other package."

BTW - Ptolemy II includes LGPL code such as the java classes
used by the backtracking facility. The backtracking code is
not used by Kepler.

#4 - 04/04/2008 03:04 PM - Dan Higgins

I also thought that LGPL'd code should be acceptable.

But what about the Apache Licence, Kepler has a whole bunch of jars from the Apache Foundation!

#5 - 04/04/2008 05:31 PM - Timothy McPhillips

Ok, we're looking more deeply into LGPL. Thanks, Christopher. I think we'll at least need to include the source code for any LGPL components as part of the distribution (and jacorb.jar does not include its source code at present).

#6 - 04/04/2008 05:41 PM - Matt Jones

Apache-licensed code is generally redistributable in both source and binary forms (it is similar to BSD), although it often has an attribution clause. You can read the license here:

http://www.apache.org/licenses/LICENSE-2.0.html

The crux is:

"2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form."

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demark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain
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So, I think we are all set on redistributing Apache code, but we need to be sure we include the Apache license in the release as well as any required attribution and NOTICES from the packages.

#7 - 04/07/2008 09:26 AM - Christopher Brooks

IANAL, but my recollection of the LGPL is that you need to make the source code
available, but it is not necessary to include it in the release.
There is info in bug #2318 about how Ptolemy handles copyrights.

#8 - 04/10/2008 11:06 AM - Timothy McPhillips

Source licenses update:

Jianting Zhang suggests removing GRASS support in cpp/gis/grass from the Kepler distribution. Comments?

Ilkay has agreed to have the sources in the org.geon package changed to BSD.

Chad has changed the licenses of the sources in the org.kepler.gui package to BSD.

Ilkay suggests removing the nmiworkflow package from Kepler. Any objections?

Ben Leinfelder has changed the license of util/PersistentTableModel.java to BSD.

With permission from John Harris, Chad has changed the licenses in Numeric Solutions sources to be BSD-compatible.

Nathan Potter and James Gallagher have given us permission to distribute the OPeNDAP sources in Kepler under a BSD license. The headers of the four sources files still need to be changed.

In summary, the files that still need to be changed or deleted are now:

- cpp/gis/grass/GISHull/hull.cpp
- org/geon/GridOverlay.java
- org/geon/Interpolate.java
- org/nmiworkflow/GlobusJob.java
- org/nmiworkflow/GridFTP.java
- org/kepler/dataproxy/datasource/opendap/DapTranslator.java
- org/kepler/dataproxy/datasource/opendap/OpendapDataSource.java
- org/kepler/dataproxy/datasource/opendap/OpendapDataSourceODC.java
- org/kepler/dataproxy/datasource/opendap/TypeMapper.java

#9 - 04/10/2008 11:23 AM - Chad Berkley

> Jianting Zhang suggests removing GRASS support in cpp/gis/grass from the Kepler
> distribution. Comments?

There are many workflows in the workflows directory that use the grass actors. I didn't see any in the demos directory that use grass. I'm against removing it unless the people who own the workflows that use it agree. Is grass only distributed under GPL?

#10 - 04/16/2008 01:01 PM - Daniel Crawl

The four Opendap actor files now have a BSD license.

#11 - 04/23/2008 09:54 AM - Timothy McPhillips

The following source files still have GPL licenses:

- cpp/gis/grass/GISHull/hull.cpp
- org/geon/GridOverlay.java
- org/geon/Interpolate.java
- org/nmiworkflow/GlobusJob.java
- org/nmiworkflow/GridFTP.java

Ilkay's plan on 4/16/08 was to change the licenses in the geon source files, after checking with the GEON team.

We agreed on 4/16/08 to remove hull.cpp from the head, but it was not clear who was going to do this and what other changes needed to be made to the system.

We also agreed to remove the org.nmiworkflow files above, but again it was not clear who was going to do this.

I will remove the hull.cpp and org.nmiworkflow files later today if no one objects.

#12 - 04/23/2008 05:37 PM - David Welker

The header files in the following folders under src/cpp need to have license text inserted into them:

backprop
garp
gis

#13 - 04/30/2008 05:51 PM - Timothy McPhillips

The following source files have been deleted:

cpp/gis/grass/GISHull/hull.cpp
org/nmiworkflow/GlobusJob.java
org/nmiworkflow/GridFTP.java

Two source files remain to be dealt with:

org/geon/GridOverlay.java -- Ilkay and Efrat say we should delete this.

org/geon/Interpolate.java -- Ilkay says "Was written by John Harris from NCEAS and Matt gave a go ahead to change it." And the copyright is indeed held by "Regents of UC and NCEAS". Because it's copyrighted by UC/NCEAS, does changing the license to BSD sound like a plan?

It looks like we also need to delete the lib/GISHull.dll library, assuming this was built from GISHull/hull.cpp.

#14 - 05/01/2008 09:23 AM - Chad Berkley

Did all tasks in comment 13. Also removed libgishull.so. I think this bug is now finished. I'm closing it.

#15 - 03/27/2013 02:22 PM - Redmine Admin

Original Bugzilla ID was 3196