

Kepler - Bug #5539

Open Actor does not find the actor source code when Kepler is invoked from within Eclipse

11/12/2011 06:57 PM - Christopher Brooks

Status:	Resolved	Start date:	11/12/2011
Priority:	Normal	Due date:	
Assignee:	Derik Barseghian	% Done:	0%
Category:	build system	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	5539		
Description			
<p>Marc and I noticed that "Open Actor" fails to find the source code when Kepler is invoked from within Eclipse.</p> <p>I looked at the classpath by using Tools -> Check System Settings and indeed ptolemy/src is missing from java.class.path when Kepler is invoked from Eclipse.</p> <p>I'm not sure why this would be the case, the code in the</p> <p>Open Actor looks in the classpath for the corresponding source file.</p> <p>In the non-Kepler Ptolemy build, the .class files are placed in the same directory as the .java files. This is because (in theory) Java .class files should be the same and separate target directory should not be necessary.</p> <p>See also bug #5538</p>			

History

#1 - 06/17/2012 08:57 PM - Christopher Brooks

Fixed with changes to build-area/src/org/kepler/build/ide/Eclipse.java
Unfortunately, the path to the src/ directory needs to be an absolute path to avoid
"Build path contains duplicate entry: 'src' for project 'ptolemy'"

#2 - 06/24/2012 10:23 AM - Christopher Brooks

It turns out that my fixes to Eclipse.java were causing confusing error messages in the Eclipse console during startup, so I commented out those changes and added `ptolemy.util.ClassUtilities.sourceResource()` which searches each element of the classpath that names a directory for a directory named "src" and then looks for the source file. This makes it possible to find the source .java file without modifying the Eclipse setup. This should also work for other IDEs.

#3 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5539