**SUMMARY**

A concurrency bug in Eclipse 3.4 JDT Core.

**DETAILS**

Some details can also be found at: [https://bugs.eclipse.org/bugs/show\_bug.cgi?id=217299](https://bugs.eclipse.org/bugs/show_bug.cgi?id=57467)

This bug is due to a data race.

There is a race condition as several threads are modifying the classpath at the same time

|  |  |
| --- | --- |
| Thread1 (JavaProject.java) | Thread2 (JavaProject.java) |
| public IClasspathEntry[] getResolvedClasspath() throws JavaModelException {  PerProjectInfo perProjectInfo = getPerProjectInfo();  IClasspathEntry[] resolvedClasspath = perProjectInfo.resolvedClasspath;  if (resolvedClasspath == null) {  resolveClasspath(perProjectInfo);  resolvedClasspath = perProjectInfo.resolvedClasspath;  if (resolvedClasspath == null) {  // another thread reset the resolved classpath, use a temporary PerProjectInfo  PerProjectInfo temporaryInfo = new PerProjectInfo(getProject());  resolveClasspath(temporaryInfo);  resolvedClasspath = temporaryInfo.resolvedClasspath;  }  }  return resolvedClasspath;  } | public IClasspathEntry[] getResolvedClasspath() throws JavaModelException {  PerProjectInfo perProjectInfo = getPerProjectInfo();  IClasspathEntry[] resolvedClasspath = perProjectInfo.resolvedClasspath;  if (resolvedClasspath == null) {  resolveClasspath(perProjectInfo);  resolvedClasspath = perProjectInfo.resolvedClasspath;  if (resolvedClasspath == null) {  // another thread reset the resolved classpath, use a temporary PerProjectInfo  PerProjectInfo temporaryInfo = new PerProjectInfo(getProject());  resolveClasspath(temporaryInfo);  resolvedClasspath = temporaryInfo.resolvedClasspath;  }  }  return resolvedClasspath;  } |
| 0-lock | 0-lock |