JavaAPI操作hbase遇到的java.lang.UnsupportedClassVersionError问题

java.lang.UnsupportedClassVersionError: org/apache/hadoop/hbase/client/Connection : Unsupported major.minor version 51.0

at java.lang.ClassLoader.defineClass1(Native Method)

at java.lang.ClassLoader.defineClass(ClassLoader.java:621)

at java.security.SecureClassLoader.defineClass(SecureClassLoader.java:124)

at java.net.URLClassLoader.defineClass(URLClassLoader.java:260)

at java.net.URLClassLoader.access$000(URLClassLoader.java:56)

at java.net.URLClassLoader$1.run(URLClassLoader.java:195)

at java.security.AccessController.doPrivileged(Native Method)

at java.net.URLClassLoader.findClass(URLClassLoader.java:188)

at java.lang.ClassLoader.loadClass(ClassLoader.java:307)

at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:301)

at java.lang.ClassLoader.loadClass(ClassLoader.java:252)

at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:320)

at java.lang.Class.getDeclaredFields0(Native Method)

at java.lang.Class.privateGetDeclaredFields(Class.java:2291)

at java.lang.Class.getDeclaredFields(Class.java:1743)

at org.junit.runners.model.TestClass.<init>(TestClass.java:49)

at org.junit.runners.ParentRunner.<init>(ParentRunner.java:75)

at org.junit.runners.BlockJUnit4ClassRunner.<init>(BlockJUnit4ClassRunner.java:57)

at org.junit.internal.builders.JUnit4Builder.runnerForClass(JUnit4Builder.java:10)

at org.junit.runners.model.RunnerBuilder.safeRunnerForClass(RunnerBuilder.java:59)

at org.junit.internal.builders.AllDefaultPossibilitiesBuilder.runnerForClass(AllDefaultPossibilitiesBuilder.java:26)

at org.junit.runners.model.RunnerBuilder.safeRunnerForClass(RunnerBuilder.java:59)

at org.junit.internal.requests.ClassRequest.getRunner(ClassRequest.java:26)

at org.junit.internal.requests.FilterRequest.getRunner(FilterRequest.java:31)

at org.eclipse.jdt.internal.junit4.runner.JUnit4TestReference.<init>(JUnit4TestReference.java:33)

at org.eclipse.jdt.internal.junit4.runner.JUnit4TestMethodReference.<init>(JUnit4TestMethodReference.java:25)

at org.eclipse.jdt.internal.junit4.runner.JUnit4TestLoader.createTest(JUnit4TestLoader.java:54)

at org.eclipse.jdt.internal.junit4.runner.JUnit4TestLoader.loadTests(JUnit4TestLoader.java:38)

at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:452)

at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:683)

at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.run(RemoteTestRunner.java:390)

at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.main(RemoteTestRunner.java:197)

报错信息说是版本不支持错误，应该是因为使用的jar包版本不对。这个51.0是什么呢？

JDK不同的版本，编译出的class文件是不同的。通过查看分析class文件前几个字节，可以找到对应的关系，详细的参考官方，细微的版本之间可能有差异：

1 J2SE 7 = 51 (0x33 hex),

2 J2SE 6.0 = 50 (0x32 hex),

3 J2SE 5.0 = 49 (0x31 hex),

4 JDK 1.4 = 48 (0x30 hex),

5 JDK 1.3 = 47 (0x2F hex),

6 JDK 1.2 = 46 (0x2E hex),

7 JDK 1.1 = 45 (0x2D hex).

所以肯定是jdk版本不支持所致，查了一下eclipse中所用的是默认1.6版本的，引入自己的jdk1.7就行了