

CDK and the Java 6 beta

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chem-bla-ics

Recently, a second beta of Java 6 was [released](#), which triggered a [patch](#) for the [Debian java-package](#) package. It was a Bioclipse [bug report](#) today, however, which made me patch my java-package setup and install the beta.

So, next thing was to try to get the [CDK](#) compile with the Java 6 beta. Because our build system uses JavaDoc (anyone with a pointer with a easy to use Java parser, which parses JavaDoc too?), and because this setup is different for literally every platform and Java version, the [build.xml](#) needed some tweaking (patch 6719 and 6721). Additionally, a number of source files were marked as needing Java 1.5, while they actually depend on features introduced in Java 5 (aka 1.5) and which are present in Java 6 (aka 1.6) too, so that needed some tweaking too (patch 6720).

I have no idea what Java 6 will change and/or introduce, but I did note some comments on it being faster, which is always a good thing. The [JUnit](#) test timings seems to agree with this. While my Java 1.5.0_06 installation needed 204 seconds (no duplicates), Java 1.6.0_beta2 needed only 168 seconds (no duplicates), and improvement of 18%.