

# Classpath 0.92 has been released

Egon Willighagen 

Published August 14, 2006

## Citation

Willighagen, E. (2006). Classpath 0.92 has been released. In *chem-bla-ics*. chem-bla-ics. <https://doi.org/10.59350/z4kfz-xcy58>

## Keywords

Java, Cdk, Jchempaint, Taverna

## Abstract

Bling! Bling!. Mark Wielaard announced the GNU Classpath 0.92 release, with the following changes: an alternative awt peer implementation based on Escher that uses the X protocol directly. Various ImageIO providers for png, gif and bmp images. Support for reading and writing midi files and reading .au and .wav files have been added. Various tools and support classes have been added for jar, native2ascii, serialver, keytool, jarsigner.

## Copyright

Copyright © Egon Willighagen 2006. Distributed under the terms of the [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

## chem-bla-ics

[Bling! Bling!](#). Mark Wielaard announced the [GNU Classpath 0.92](#) release, with the following changes: *an alternative awt peer implementation based on Escher that uses the X protocol directly. Various ImageIO providers for png, gif and bmp images. Support for reading and writing midi files and reading .au and .wav files have been added. Various tools and support classes have been added for jar, native2ascii, serialver, keytool, jarsigner. A GConf based util.peers backend has been added. Support for using alternative root certificate authorities with the security and crypto packages. Start of javax.management and runtime lang.managment runtime support. NIO channels now support scatter-gather operations.*

IMAGE LOST

This means new items on my TODO list: remove the dust from the [CDK based test suite](#) , test if [Jmol](#) , [JChemPaint](#) , [Taverna](#) still work, and report the outcome on the [Classpath website](#). I wonder how the Cairo and Escher patches for AWT and Swing affect my favorite chemblaics tools.

BTW, that the Classpath team appreciates such testing efforts is clear from the foto in the 'Bling! Bling!' blog by Mark mentioned above.