JConsole / JMX broken on Ubuntu

By Roger Keays, 11 February 2008

How annoying. I have just spent the last three hours trying to connect to Tomcat remotely using JConsole/JMX. It worked fine for one server, but not the other which was started with exactly the same settings. Eventually I found the problem: Ubuntu maps the hostname to `127.0.0.1` in `/etc/hosts` by default and this breaks the JMX protocol. It seems that JMX opens a separate socket stream for data (like FTP) and needs to provide the host's network address to do this.

Actually, my problem was already documented in the FAQ:
http://java.sun.com/j2se/1.5.0/docs/guide/management/faq.html

On a side note, I also had problems with Netbeans 6.0 being dog slow on Ubuntu. It seems to have had something to do with the GTK look and feel, because I fixed it by adding `--laf javax.swing.plaf.metal.MetalLookAndFeel` to the startup options in `${nbhome}/etc/netbeans.conf`. It runs great now.

About Roger Keays



Roger Keays is an artist, an engineer, and a student of life. He has no fixed addressand has leftfootprints on 40-something different countries around the world. Roger is addicted to surfing. His other interests are music, psychology, languages, the proper use of semicolons, and finding good food.