

Chapter 14

Overview

We now move on from the theoretical aspects and implementation details of RUBATO COMPOSER to the perspective of the application user. To the user, the RUBATO COMPOSER GUI looks and feels about the same whatever platform is used. Currently the most extensively tested platforms are Linux running the Java Development Kit version 1.5 from Sun and MacOS X running the JDK version 1.5 provided by Apple. Apart from a few minor variations concerning the look and feel, no significant differences in the behavior of handling and running have been observed.

In this final part of the discussion of RUBATO COMPOSER, an illustrated tutorial tour gives some hints at how a user would proceed and construct a simple network, in this particular case using a functorial approach to work with twelve-tone series.

Then several more extensive applications, involving the implementation of plug-in rubettes, are discussed in some detail. These plug-ins are the result of the work by two contributors, Karim Morsy and Florian Thalmann, who delved into the RUBATO framework for several months. During this time, many bugs have been discovered and fixed, but also ideas for improvement have been suggested and implemented in most cases.

Finally, two chapters have been contributed by Guerino Mazzola and Florian Thalmann. The first describes the *BigBang* rubette and second presents a large-scale use of RUBATO COMPOSER in computational music theory and composition, which demonstrates many of the features which have hitherto been applied to small examples only.