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The MIDIInControl class implements MIDIIn with one ore more output controls (the number of outputs depends on the type of filter that is used)
Controls are generated for each MIDI message that is

received. • If, for example, you configure a MIDIInControl for

eNoteOn messages, you will obtain two OutControls (one for the key and the other for velocity).

Tools and frameworks used in CLAM (i) Programming language: C++ - flexibility - efficiency - standard vs. propietary language Programming frameworks - Windows: Visual C++ (6.0 or 7.1 Everett), Rational Purify, Rational Distiller. - Linux: g++, kde and other GNU tools - Mac: CodeWarrior, g++

Tools and frameworks used in CLAM (ii) CVS: System for version control in collaborative code development (Windows: WinCVS). Mantis: Bug managing system through a web interface Doxyen: Program that generates html documentation pages automatically from javadoc comments inserted in the code. Mailing-list



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Conclusions

• Although there are still a lot of things to do, CLAM is already an interesting development framework that can be used for developing efficient and robust audio applications and research works. • In the CLAM Tutorial, CLAM is used in a very

specific way (Spectral Analysis/Synthesis). • It does not deal with Audio I/O, MIDI or real time

If you are interested in those subjects you may work on the different examples availabla (SALTO and SpectralDelay).