Audio for programmers

1. Audio formats for programmers

A good source for file formats is www.wotsit.org/. Among them there is a collection of music formats.

Ogg Vorbis seems to be an important format in the future.

See also my collection of music notation formats.

2. General information, theses, mathematics and physics of pitch recognition

I recommend to read the short introduction What is Music Recognition by AKoff Sound Labs, that holds for all such programs.

Solo Explorer is also available as DLL Library. (Click on Products -> technology licensing). There you find a comprehensive library on the topic. (Click on research -> bibliography).


The Journal of the Acoustical Society of America Online


3. Audio XML formats

3.1. MIDI XML Specifications
3.2. XMidi

XMidi by Peter Loeb is a representation of MIDI in XML.

3.3. 4ML

4ml aka fourml is a simple open source audio XML application that is simple and a little more abstract than MIDI.

4. Links

Recognisoft maintains a link list (click on links).