Tony: a tool for melody transcription - Feature #883
audio normalisation

2014-03-04 12:44 PM - Matthias Mauch

Status:	New	**Start date:**	2014-03-04
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

Before analysis starts, it would be great if the audio could be normalised to either

- max(abs(audio)) = 1, or
- percentile(abs(audio), 0.95) = 0.5 (or related percentile normalisation)

This would be good for analysis and display purposes.

History

#1 - 2014-03-04 01:44 PM - Matthias Mauch

> *This would be good for analysis and display purposes.*

Just to flesh this out briefly:

- for visualisation it would obviously be helpful if the waveform and spectrogram representations made good use of the range they're given
- for analysis one could assign lower probability to low-amplitude signals, thus reducing the number of false positive pitch detections (and hence faster annotation)