pYIN — pitch and note tracking in monophonic audio - Feature #1318
fixed-lag smoothing for near-real-time decoding

2015-07-01 12:16 PM - Matthias Mauch

Status:	New	**Start date:**	2015-07-01
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

Make an option to Viterbi-decode in a fixed-lag manner. That would also likely resolve #829 (memory explosion),

History

#1 - 2015-07-02 11:11 AM - Matthias Mauch

So rather than doing this right away, it seems best to first refactor (?) the existing Viterbi code to

- have separate update and finish methods
- make the observations member of the class
- add a reset (or the like) method

Having that, the fixed-lag steps should be relatively easy to do.