HQSYN16 - Task #4253

Task # 3678 (New): RA3c - Continuity of prosodic patterns

Task # 4237 (New): Continuity of F0 pattern

Task # 4250 (New): F0 join cost

Set up unit selection to ensure that 2nd syllable has higher F0 than 1st syllable in non-final prosodic words

21.09.2017 09:08 - Matoušek Jindřich

Status:	Closed	**Start date:**	01.11.2017
Priority:	Normal	**Due date:**	09.02.2018
Assignee:	Matoušek Jindřich	**% Done:**	80%
Category:		**Estimated time:**	0.00 hour
Target version:	RA3: Phonetically justified parameters for speech synthesis		

Description

Based on the analysis in #4252, propose an experiment to ensure that the 2nd syllable has higher F0 than the 1st syllable in non-final prosodic words during unit selection.

Related issues:

Follows HQSYN16 - Task #4252: Analyze F0 differences in first two syllables o...	**Closed**	**21.09.2017**	**31.10.2017**

History

#1 - 21.09.2017 09:09 - Matoušek Jindřich

- Follows Task #4252: Analyze F0 differences in first two syllables of non-final prosodic words added

#2 - 07.09.2018 07:45 - Jůzová Markéta

- Status changed from New to Feedback

- Assignee changed from Jůzová Markéta to Matoušek Jindřich

- % Done changed from 0 to 80

The experiments led to the improvements of the quality of synthesized samples (based on the results from the listening test) - the experiment & results are described in the paper:
***Jůzová, Volín: F0 Post-Stress Rise Trends Consideration in Unit Selection TTS**, in Text, Speech and Dialogue, ser. Lecture Notes in Computer Science, vol. 11107. Heidelberg: Springer, 2018.*
The mentioned paper also includes the combining of this research with the *last syllable* experiment (to test whether the two experiments do not affect each other negatively).

It is planned to join the F0 experiment with all other promising experiments.

#3 - 10.12.2018 21:32 - Matoušek Jindřich

- Status changed from Feedback to Closed