

HQSYN16 - Task #4252

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

Task # 4237 (New): Continuity of F0 pattern

Task # 4250 (New): F0 join cost

Analyze F0 differences in first two syllables of non-final prosodic words

21.09.2017 09:00 - Matoušek Jindřich

Status:	Closed	Start date:	21.09.2017
Priority:	Normal	Due date:	31.10.2017
Assignee:	Volín Jan	% Done:	20%
Category:		Estimated time:	0.00 hour
Target version:	RA3: Phonetically justified parameters for speech synthesis		
Description			
F0 in the 2nd syllable should be higher than F0 in the 1st syllable.			
Check it out on several recorded corpora.			
Related issues:			
Precedes HQSYN16 - Task #4253: Set up unit selection to ensure that 2nd sylla...		Closed	01.11.2017 09.02.2018

History

#1 - 21.09.2017 09:09 - Matoušek Jindřich

- Precedes Task #4253: Set up unit selection to ensure that 2nd syllable has higher F0 than 1st syllable in non-final prosodic words added

#2 - 25.09.2017 10:06 - Tihelka Dan

- Precedes Task #4257: Introduce a special prosodeme for utterance-leading prosodic word added

#3 - 25.09.2017 10:07 - Tihelka Dan

- Precedes deleted (Task #4257: Introduce a special prosodeme for utterance-leading prosodic word)

#4 - 02.10.2017 12:07 - Jůzová Markéta

- Status changed from New to Assigned

- Assignee changed from Jůzová Markéta to Skarnitzl Radek

- % Done changed from 0 to 20

Analyze examples with descending F0 in first two syllables in prosodic words - data are available on [F0_difference](#).

#5 - 02.10.2017 14:51 - Skarnitzl Radek

- Assignee changed from Skarnitzl Radek to Volín Jan

#6 - 07.11.2017 08:37 - Jůzová Markéta

Updated files (with beg times of vowels) are available on page [F0_difference](#), the structure of the files is now as follows:
sentence_name prosodeme_type prosodic_word first_vowel_beg_time second_vowel_beg_time mean_F0_diff

#7 - 17.01.2019 12:28 - Matoušek Jindřich

- Status changed from Assigned to Closed

Summarized in: Jůzová M., Tihelka, D., Volín, J. F0 Post-Stress Rise Trends Consideration in Unit Selection TTS. Lecture Notes in Artificial Intelligence: Text, Speech, and Dialogue (TSD). 2018, vol. 11107, pp. 360-368