

HQSYN16 - Task #3688

Task # 3669 (New): RA1a - Analysis and cataloguing of artifacts

Separation of some phonemes into distinct phones

13.01.2016 15:14 - Matoušek Jindřich

Status:	Closed	Start date:	22.01.2016
Priority:	Normal	Due date:	20.11.2016
Assignee:	Matoušek Jindřich	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	RA1: Analysis of artifacts in synthetic speech		
Description			
Our current version of speech synthesis renders some "similar" phones in the same way (i.e. as a phoneme):			
<ul style="list-style-type: none">• voiced "ř" [R] and unvoiced "ř" [Q]• syllabic "r" [P] and normal "r" [r]• syllabic "l" [L] and normal "l" [l]• nasal "n" [n] and its velar variation [N]• nasal "m" [m] and its velar variation [M]			
Subtasks:			
Task # 3713: Send link to listening test on voiced "ř" [R] vs unvoiced "ř" [Q] to phone...			Closed
Task # 3720: Analyze unexpected results of listening test on voiced/unvoiced "ř"			Closed
Task # 3719: Listening test on voiced/unvoiced "ř"			Closed
Task # 3747: List of words containing syllabic / non-syllabic "r"			Closed
Task # 3748: List of words containing syllabic / non-syllabic "l"			Closed
Task # 3749: List of words containing alveolar "n"/ velar "N"			Closed
Task # 3750: List of words containing voiced / unvoiced "ř"			Closed
Task # 3751: List of words containing voiced / unvoiced "ch"			Closed
Task # 3763: Synthesize utterances with phonetically incorrect phoneme realizations			Closed
Task # 3844: Analyze utterances with phonetically incorrect phoneme			Closed
Task # 3734: Evaluate analysis of unexpected results of listening test on voiced/unvoic...			Closed
Task # 3921: Retranscribe ASF of voice Jan			Closed
Task # 3922: Synthesize utterances with phonetically incorrect phoneme realizations - v...			Closed
Task # 4058: Synthesize utterances with phonetically incorrect phoneme realizations - v...			Closed
Task # 4059: Synthesize utterances with phonetically incorrect phoneme realizations - v...			Closed
Related issues:			
Related to HQSYN16 - Task #3671: RA1c - Phonetic description of artifacts		Closed	01.06.2016 31.12.2016

History

#1 - 19.02.2016 12:34 - Matoušek Jindřich

- Target version changed from RA3: Phonetically justified parameters for speech synthesis to RA1: Analysis of artifacts in synthetic speech

#2 - 19.02.2016 12:36 - Matoušek Jindřich

- Parent task changed from #3676 to #3669

#3 - 11.12.2016 23:01 - Matoušek Jindřich

- Related to Task #3671: RA1c - Phonetic description of artifacts added

#4 - 20.02.2017 10:46 - Tihelka Dan

- Status changed from New to Resolved

- Assignee changed from Tihelka Dan to Matoušek Jindřich

Separation of phones finished for all Czech voices:

- mapping of [L,P,Q,N] removed, the derived diphones are kept separately
- mapping of [G] changed to [h]

Committed to SVN in rev.709.

#5 - 20.02.2017 11:48 - Matoušek Jindřich

- *Status changed from Resolved to Closed*