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):

- 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" [n] 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]

Commited to SVN in rev.709.

#5 - 20.02.2017 11:48 - Matoušek Jindřich

- Status changed from Resolved to Closed