

## HQSYN16 - Task #3734

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

Task # 3688 (Closed): Separation of some phonemes into distinct phones

### Evaluate analysis of unexpected results of listening test on voiced/unvoiced "ř"

08.02.2016 10:58 - Matoušek Jindřich

<b>Status:</b>	Closed	<b>Start date:</b>	15.02.2016
<b>Priority:</b>	Normal	<b>Due date:</b>	22.02.2016
<b>Assignee:</b>	Matoušek Jindřich	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	RA1: Analysis of artifacts in synthetic speech		
<b>Description</b>			
Daniel, try to evaluate Radek's analysis ( <a href="#">#3720</a> ) with respect to our ultimate goal - whether to separate voiced/unvoiced "ř" at phone level...			

#### History

##### #1 - 08.02.2016 10:59 - Matoušek Jindřich

- Follows Task #3720: Analyze unexpected results of listening test on voiced/unvoiced "ř" added

##### #2 - 25.02.2016 14:23 - Tihelka Dan

- Status changed from New to Resolved

- Assignee changed from Tihelka Dan to Matoušek Jindřich

Analysis shown that the unexpected behavior occurred mostly due to the use of other units which were chosen to minimize the overall cost (TC+CC), when the appropriate variant of [ř] was used (by not by the [ř] itself).

To focus on the effect of [ř] (and others) phone replacements, we will analyse synthetic phrases with all the units selected by the current selection setting, except the unit for which replacement is considered (the variant mismatch will be forced). Once the question of replacement suitability/necessity is answered, we will focus on the phenomena caused by the exchange of other units.

Further research will thus continue in [#3763](#).

##### #3 - 25.02.2016 14:24 - Tihelka Dan

- Precedes Task #3763: Synthesize utterances with phonetically incorrect phoneme realizations added

##### #4 - 25.02.2016 14:24 - Tihelka Dan

- Related to Task #3750: List of words containing voiced / unvoiced "ř" added

##### #5 - 25.02.2016 14:36 - Matoušek Jindřich

- Status changed from Resolved to Closed

##### #6 - 06.05.2016 13:30 - Matoušek Jindřich

- Related to deleted (Task #3750: List of words containing voiced / unvoiced "ř")

##### #7 - 06.05.2016 13:30 - Matoušek Jindřich

- Follows deleted (Task #3720: Analyze unexpected results of listening test on voiced/unvoiced "ř")

##### #8 - 06.05.2016 13:30 - Matoušek Jindřich

- Precedes deleted (Task #3763: Synthesize utterances with phonetically incorrect phoneme realizations)

##### #9 - 06.05.2016 13:30 - Matoušek Jindřich

- Parent task changed from #3669 to #3688