

## HQSYN16 - Task #4416

Task # 3682 (New): RA4c - Hybrid approaches

### Corpus resynthesis

06.02.2018 15:50 - Tihelka Dan

<b>Status:</b>	Closed	<b>Start date:</b>	06.02.2018
<b>Priority:</b>	Normal	<b>Due date:</b>	23.02.2018
<b>Assignee:</b>	Tihelka Dan	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Zdeněk, could you, please, resynthesize spkr_AJ and spkr_KI speech corpora with an HMM synthesizer? I require the sequence of HMM-estimated speech parameters (F0, energy, spectrum, ...) for the sentences in these corpora and their relation to the corresponding phones.			
Also, I would need the same sequence of parameters for few (about 100) shorter phrases which did not appeared in either of the corpora.			

### History

#### #1 - 06.02.2018 15:50 - Tihelka Dan

- Description updated

#### #2 - 06.02.2018 15:51 - Tihelka Dan

- Due date set to 12.02.2018

#### #3 - 09.02.2018 10:21 - Hanzlíček Zdeněk

- Status changed from New to Assigned

- Assignee changed from Hanzlíček Zdeněk to Tihelka Dan

Data is stored in /artic/Experiments/DT\_param\_trajectories/

Directory for each speaker contains 2 subdirectories:

- /corpus/ contains data files for the original corpus
- /corpus\_LukAr/ contains sentences selected from the corpus of laryngo-speaker LukAr

There are 4 files for each utterance:

- \*.lab contains first and last frame indices for particular phones/units
- \*.1, \*.2 and \*.3 contain cepstral parameters (dim 40) logF0 and band aperiodicity parameters (dim 21), respectively. All parameters are stored in floats. I think that aperiodicity parameters may be probably not very useful for your task.

#### #4 - 23.02.2018 13:28 - Tihelka Dan

- Assignee changed from Tihelka Dan to Hanzlíček Zdeněk

There are some of the sentences missing (e.g. spkr\_AJ/corpus/oznam00761\_00.lab, spkr\_AJ/corpus/oznam01019\_00.lab, ... ). It is not a big problem (I will simply ignore them), but why are they missing?

#### #5 - 23.02.2018 14:25 - Hanzlíček Zdeněk

- Assignee changed from Hanzlíček Zdeněk to Tihelka Dan

Some sentences were excluded during preprocessing:

- sentences with undefined prosodeme X.X
- sentences with special non-speech events, like CLICK, LIPSMACK, etc.

#### #6 - 26.02.2018 14:02 - Tihelka Dan

- Status changed from Assigned to Resolved

**#7 - 26.02.2018 14:02 - Tihelka Dan**

- Status changed from Resolved to Closed

**#8 - 14.03.2018 08:38 - Tihelka Dan**

- Due date changed from 12.02.2018 to 23.02.2018

- Status changed from Closed to Assigned

- Assignee changed from Tihelka Dan to Hanzlíček Zdeněk

Could I ask for one more voice? Let say **spkr\_MR**?

**#9 - 14.03.2018 22:07 - Hanzlíček Zdeněk**

- Assignee changed from Hanzlíček Zdeněk to Tihelka Dan

I created parameter trajectories for JS and MR.  
Besides, I generated new files for AJ and KI since I found a bug in my algorithm.

**#10 - 15.03.2018 16:02 - Tihelka Dan**

- Status changed from Assigned to Resolved

**#11 - 15.03.2018 16:02 - Tihelka Dan**

- Status changed from Resolved to Closed

**#12 - 11.04.2018 13:14 - Tihelka Dan**

- Parent task set to #3682