started a new training which included gender-dependent models. At the training stage, where the evaluationsystem had a 16.8% error on the 1992 WSJ development set-dev-05, the improved system had a lower error rate, which is a reduction by about 13%.

ON AND FUTURE PLANS

The recognizer has proven to give good results on the 1994 Verbiat evaluation data.


[3] Digalakis V., Murveit H. 

word errors on the 1992 si-dev-05 test set. We trained a recognizer with all the training steps described in 1.3 using only the SI-84 training set. All architecture decisions were made with this data. We used 2885 context dependent models that per-
for-
i-dev-05 development test set
numbers of models different
1.3 Training

The default training procedure is as follows:

- Create labels for a given database, using an existing recognizer that was bootstrapped on previous databases (sometimes even foreign databases, if necessary). For this evaluation we used the male of Resource Management database.

- Independent continuous density

- With the humans all-nurseries
THE JANUS SPEECH RECOGNIZER

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ABSTRACT

JANUS [17] was designed for the translation of spontaneous-to-human speech. Before the 1994 CSR run with vocabularies of up to 2000 words on the Conference Task.

[17] is a reference to the JANUS system.