

# Noise will Always Impair the Process

## Step 1: get rid of noise.

This task is becoming feasible, but controlled environments are always easier, and results better.

In 2006, IBM transcribed news from Al Jazeera: formal tone, little/no background noise, intended for clarity, prosaic content—not poems (I asked! No such luck at that point).

### THE IBM 2006 GALE ARABIC ASR SYSTEM

*Hagen Soltau, George Saon,  
Daniel Povey, Lidia Mangu, Brian Kingsbury, Jeff Kuo, Mohamed Omar and Geoffrey Zweig*  
IBM T. J. Watson Research Center, Yorktown Heights, NY, 10598  
e-mail: {hsoltau, gsaon}@us.ibm.com

using a  
super-  
computer

