

Phonexia Gender Identification

Phonexia Gender Identification helps you to distinguish the gender of speaker. This very precise speech technology narrows the search space by half in speaker search applications.

Use:

- This software is mainly intended to demonstrate the accuracy of our gender identification technology.
- Phonexia offers a Software Development Kit for easy and fast integration to your systems.

Technology:

- Uses the acoustic characteristics of speech.
- Speech is converted to frequency spectra and is modeled by advanced statistical methods.

Features:

- Input format: MS Wave or RAW with linear coding (8 or 16 bits), A-law, Mu-law
- Input for test: directory with audio files or list of files
- Sampling frequency: 8000Hz
- Output: Speech file moved to a directory according to gender; log file with processing information or a file with scores for male and female models is generated.

Processing speed:

- 900 times faster than real-time on 3GHz Intel CPU, 64 bit Linux
What does it mean? One instance of the program is able to process 900 minutes of speech in one minute of computer time.

Consultation:

- Tuning system parameters for the best performance on customer's data.
- Helping you to migrate this technology with your application.

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