

Speech Recognition Software

Dragon Naturally Speaking® 7 - Windows only
<http://www.scansoft.com/>

IBM ViaVoice - Versions for both Windows and Macintosh
(available through ScanSoft) <http://www.scansoft.com/>

iListen™, by MacSpeech - Macintosh only
<http://www.macspeech.com/products/iListen.html>

Kids' Voice Recognition Program under development by R.J. Cooper -
Windows only
<http://www.rjcooper.com>

The Dragon Naturally Speaking® family of products is an accurate way to turn speech into text. Users can dictate into virtually any windows-based application at speeds up to 160 words per minute at high levels of accuracy. Features enable students to:

- create documents and email
- surf the Web
- navigate their desktop
- listen to documents read back to them (Naturally Speaking Preferred)

IBM ViaVoice®

ViaVoice® technology is now available to consumers on the Windows, Macintosh and handheld computer platforms, IBM ViaVoice® Release10 product editions afford a "multi-modal" computer input environment, freeing users from dependence on the keyboard and mouse for many applications. Release10 users who enter data more rapidly by speaking than by typing can be more productive. The IBM ViaVoice® for Windows product family can be used at various levels of user expertise. The ViaVoice® software is now available through and supported by ScanSoft Inc.

iListen™ 1.6

iListen's™ TalkAnywhere technology allows dictation, transcription, editing, formatting and speech navigation within almost any application on Mac OS9.2.2 or Mac OS X.

Feature Summary

- Continuous Speech Recognition — Dictation in normal tone of voice and at a normal pace
- Direct Dictation — Dictate, edit and format text directly in any Application
- Hands Free Correction — Correct using voice only (Mac OS X only)
- Correction Playback — Hear what was spoken in the user's voice
- Adapts to user's Speech — iListen™ adapts to user's pronunciation of words
- Transcription — Allows use of a digital voice recorder. iListen™ reads and transcribes AIFF or WAV audio files into text.
- Vocabulary of more than 330,000 words
- Command and Control — Speech control of the computer through built-in normal language and individually created commands
- Constant Feedback — The iListen™ Floating Palette provides constant feedback.
- Dock Menu — Use the Dock to access iListen™ functions on Mac OS X.
- Text Macro Capabilities — Insert (up to 32,000 character) standardized or predetermined phrases and text - with a single spoken phrase
- Speech Navigation — Open, close and control applications and navigate the desktop by speech
- AppleScript Compatible — Ability to take advantage of Apple's built-in scripting language
- Internet Ready — Surf the web with your voice
- Requires a Power Macintosh G3 or Power Macintosh G4 computer with at least 192MB of RAM, 256MB RAM with Mac OS X.

R. J. Cooper Kids' voice recognition program (in development)

Uses:

- Train program to understand anyone's voice for operation of programs (not "dictation"), including games.
- Train program to understand anyone's "Augmentative communication device" for the same purpose
- Possibly create a sufficiently sized vocabulary for limited dictation with the ability for expansion built in.

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