



Russia,
St. Petersburg

Speech Technology Center

SOUND STRETCHER SDK

Variable Speed Speech Playback Software Developer Kit

Applications

Speed up or slow down speech playback speed in:

- ◆ Multimedia and Broadcasting applications
- ◆ Educational programs and Language acquisition
- ◆ Transcription of Speech

Functional Overview

Sound Stretcher SDK allows playback of speech in variable fast or slow modes without distorting the voice pitch, so that speech still sounds natural. It is an algorithm of real time speech modification

Advantages

- ◆ Up to 3 times faster or slower speech playback speed
- ◆ Low resource consumption
- ◆ Language-independent. Sound Stretcher can be used for any language, regardless of speaker's accent
- ◆ Playback speed is changed without voice pitch distortions, so that speech remains natural
- ◆ Smooth acceleration/slow-down rate adjustment
- ◆ Easy-to-use - easy-to-embed
- ◆ Also available
 - Sound Stretcher TI eXpress DSP compliant algorithm

STC is a leading speech and signal technology developer. It has an extensive portfolio of proprietary know-how and a number of ready-made products in the field of modern speech technology, especially for noise cancellation, speech enhancement and voice extraction. Contact us with any problem in speech or signal area.

Technical Data

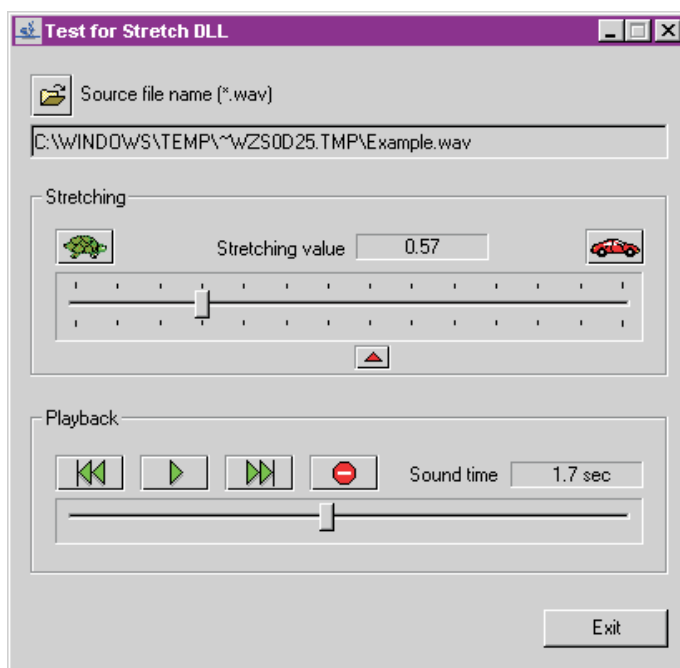
- ◆ Operational System: MS Windows 9x/NT/XP/2000
- ◆ Development platform: Microsoft Visual C++
All DLL interface functions are declared as extern C
- ◆ Hardware requirements: Sound Blaster compatible sound card

SDK Package

- 32 bit DLL (dynamic link library) for MS Windows XP/2000/9x/ME/NT;
- user's manual;
- sample demo software with sources in Visual C++.

SDK for other OS and ANSI C source codes are available by special order. Prices will be quoted upon request. Free demo is available at the web site.

Sound Stretcher sample software screenshot.



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