

# conaito VoiceMail SDK - Product Overview

Software Product: conaito VoiceMail SDK  
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## conaito VoiceMail SDK

Powerful solution for recording and sending voice messages from your websites

The conaito VoiceMail SDK is designed for web developers and allows to record and send voice messages from web sites to any existing e-mail client software, even to free web based e-mail like Hotmail and Yahoo. The recipient receives the usual e-mail message with link to Mp3 audio file. Recipients can listen the Mp3 file by any existing Mp3 player. Mp3 players are installed almost on the each computer, so, no problem with playback!

Also, it is possible to save recorded audio file on the client computer and open it from there. To playback the recorded MP3 audio from the server the recording applet works in the streaming mode.

The conaito VoiceMail SDK uses native methods to sound capture, LAME MP3 encoding/decoding and playback in the DLL, which will be installed on the computer when user uses the applet for the first time. The recording applet is digitally signed.

The conaito VoiceMail SDK is compatible with Windows 98/NT/2000/ME/XP/2003/Vista, MacOS X and with Microsoft Internet Explorer 4.0 and up, Netscape 7, FireFox, Mozilla, Opera browsers. On the Mac with Safari and Opera.

## Potential applications of conaito VoiceMail SDK:

- Private and/or company websites can be enhanced by adding add voicemail capabilities so that visitors or customers can leave voice messages add voicemail capabilities to your website so that your visitors or customers can leave voice messages
- Email business card can be embedded in emails so that recipients can click on your "Leave a voice message" link/button and send you a voicemail
- Voice overs can be sent for intros to media such as a text document or even flash slide show and these can be personalised for each recipient
- Greeting cards can be enhanced by adding recorded voice messages
- eBay auction inserts can have "Ask us" buttons to enable customer to send queries in an simple and easy fashion
- web based voicemail services can be set up for customers
- VoIP services can be enhanced with voice messaging
- And much more!

## Key Features

- Record, send by Email and play mp3 file direct from website (without any need for an additional player)
- Recording Level Indicator
- NAT (Router) & Firewall friendly (upload recorded Mp3 with HTTP post)
- Comes with RTR (ready-to-run) samples
- Freely changeable Interface design
- Supports multi-language environment
- Works on the most popular web browsers and web server
- Works with all kinds of Internet connections
- Comes with valid Microsoft Authenticode Certificate

- Very easy to incorporate

Please, don't hesitate trying our VoiceMail SDK at once and get yourself, as well as your customers, the exciting experience of easy, fast and high quality standard applications which can convert record and send high quality VoiceMails in MP3 format!

### **conaito VoiceMail functionality**

The idea of voice mail is very simple. Web voice mail application creates the text and voice messages and send them to web server via HTTP by POST method. On the server side the server scripts create usual e-mail message body with text message and with link to Mp3 file (voice message). Mp3 file is stored on the server. Server script passes the e-mail message body to Mail Transfer Agent, which send it to recipient. Recipient receives the e-mail message with text and link to Mp3 file and downloads and/or play Mp3 file. Also, it is possible to save recorded audio file on the client computer and open it from there. To playback the recorded MP3 audio from the server the recording applet works in the streaming mode.

To voice message recording the Mp3 audio recording applet is used. The functionality of recording applet is following:

- Audio capture from sound card. The sampling frequencies are 8000Hz, 11025Hz, 16000Hz, 22050Hz, 32000Hz, 44100Hz.
- LAME Mp3 audio encoding/decoding.
- Playback of the recorded Mp3 file for sound quality and content evaluation.
- Uploading of Mp3 file to web server via HTTP. The server scripts (PHP, ASP or ASP.NET) is used to receive Mp3 file on the server. Also, it is possible to save/open/delete audio file on the client computer.
- Send VoiceMail with Link to the recorded Mp3 voice message. Also, is it possible to playback of the Mp3 files from the web server in the streaming mode.

**Demo version allows to record 20 sec only.**

The Mp3 audio recording applet is developed in Java 1.1. So, the applet works with Microsoft Java 1.1 (i.e. Recording applet works on the target browsers with default browser JVM installation) and with Java plug-in 1.3-1.5. The recording applet uses native methods for sound capture and LAME Mp3 encoding/decoding. They are developed in C++ and implemented as DLL (jaudioMp3Win.tar and jaudioMp3Mac.tar). The DLL will be installed on the client computer if the applet is being used for the first time. The recording applet is digitally signed. For digitally signing the comodo certificate is used.

### **conaito VoiceMail SDK package**

- Audio recording applet (RPAppletMp3.cab, RPAppletMp3.jar).
- Sound capture/playback, LAME Mp3 encoding/decoding DLL (jaudioMp3Win.tar for Windows and jaudioMp3Mac.tar lib for Mac).
- Ready-to-run Examples, Server Scripts written in PHP, JAVA, ASP and ASP.NET (VB.NET and C#).
- Examples with JavaScript interface and with Java applet interface. (It includes the source code of Interface applet).
- Documentation.

### **Target platform**

Target OS Platform: Windows 98/NT/2000/ME/XP/2003/Vista and MacOS X.

Target browsers: Windows: Microsoft Internet Explorer 4.0 and up, Netscape 7, FireFox, Mozilla, Opera. On the Mac with Safari and Opera.

Web Servers: Any (PHP, ASP or ASP.NET support required).

All of the necessary software components for building systems based on conaito VoiceMail SDK including documented examples (with source code)

We hope you enjoy the conaito VoiceMail SDK - the Powerful solution for recording and sending voice messages from your websites.

**The conaito Technologies Team**