JINGLE TRACKER & MUSIC SPOTTING

Real-Time Music Identification Technology

Available Products

- Jingle Tracker - Real-time software for identifying short musical fragments in a sound stream. It is intended to check number and time of a promotion jingle being played on a given broadcasting channel.

- Music Spotting SDK - Dynamic library providing Windows 9x/2000/XP developers with possibility to create sophisticated and customized applications based on music spotting technology

Advantages

- Real-time analysis provides instant identification in a live sound stream
- Low resource consumption - can be used on common personal computers (PC)
- Various accuracy and processing speeds can be adjusted to suit users need.
- Recognition stability - gives high detection accuracy with different kinds of music and jingles
- Numerous customized settings provides easy adaptation for different tasks
- Software able to process large amounts of sound data (live sound streams) automatically, without user intervention.

Applications

- Advertising Agencies - Checks the number & times advertising jingles are played in broadcasting channels.
- Music Copyright Owners - Checks the number & times music is played back in broadcasting channels.
- Broadcasting Companies- Capture and log music

Technical Description

- *Operating environment:* Windows 98/ME/2000/XP
- *Templates:* from 4sec. of original audio track (depends on compression used)
- *Input data:* Live Mic./Line input; pre-recorded streams as WAV files
- *Speed of analysis:* Pentium 4 1.5GHz system is capable to process about 1 500 pieces of 1-minute templates

Music Spotting SDK

Dynamic library providing Windows 9x/2000/XP developers with possibility to create sophisticated and customized applications based on music spotting technology

- Low resource consumption. Can be used on common personal computers (PC)
- Processing of sound stream in real time
- Analysis by processing a prerecorded stream as a WAV file
- Adjustable to any specific application. Depending on the application, recognition threshold can be set
- High accuracy for different kinds of music compositions and jingles. Adjustable speed & accuracy
- Tools for automated creation of templates database

Delivery Set

- 32 bit DLL (dynamic link library) for MS Windows 9x/ME/NT/2000/XP
- User Guide
- Sample demo software with sources in Visual C++
- Full technical support

Jingle Tracker

Real-time software for identifying short musical fragments in a sound stream. Jingle Tracker captures the number and time that jingles or music samples are played on a given broadcasting channel.

- Music sample templates are entered into a database Jingle Tracker searches the inputted sound stream logging the occurrence of the same music samples
- Large amounts of sound data can be processed without the help of the operator e.g. a great number of sound channels can be searched on-line
- Low resource consumption. Can be used on common personal computers (PC)
- Adjustable to any specific application. Depending on the application, the false acceptance/false rejection balance can be adjusted
- High accuracy with different kinds of music and jingles. Adjustable speed & accuracy