QUERY BY HUMMING – MELODY SEARCH MADE EASY
The Melody Search Query by Humming complements your music portal or your online music store with an attractive search facility: Instead of having to enter the title or artist of a song into a search box, the user simply sings or whistles the desired melody to the computer.

**YOUR BENEFITS**

**ADVANCED SEARCH OPTIONS**
Query by Humming offers a perfect extension to text-based search. Should a user know neither title nor artist, he can simply sing to the desired music piece to the computer. Query by Humming automatically detects the sung notes, and returns the best search results from a connected melody database.

**ADDITIONAL INTERACTIVE FEATURE**
Stand out from your competition and create with Query by Humming an attractive additional feature for your users. Whether it’s a music store or a community portal – Query by Humming is suitable not only for the search for music tracks, but can also be used as an interactive music game.
EASY INTEGRATION
Query by Humming is available as an out-of-the-box solution and can be easily integrated as a Flash application with your site, thanks to the modular design.

INDIVIDUAL DESIGN
The web service for the melody tune search can be implemented quickly and easily in to your corporate design, because the product package is shipped with the source code for tailor-made specific design adjustments.

Product components and prices
Webpage integration capability, Adobe Flash-based web service (Adobe Flash interface, Red5 Server) including source code for tailor-made specific design adjustments
Price 9000 €, one-time fee

Playback function for returned melody tune listings with synthetic sounds
Price 4000 €, one-time fee

Windows-tools for professional based, semi-automated compilation and registration of new melody tunes in the database
Price 1000 €, one-time fee
For more information and access to trial software, visit:
http://www.idmt.fhg.de/eng/research_topics/query_by_humming.htm

Feel free to contact us.

Fraunhofer Institute for
Digital Media Technology IDMT

Ehrenbergstr. 31
98693 Ilmenau
Germany

Contact Person

Hanna Lukashevich
Phone +49 3677 467-224
hanna.lukashevich@idmt.fraunhofer.de

www.idmt.fraunhofer.de