

廣東話文語轉換軟件

Cantonese Text-To-Speech Conversion Software

CUTalk™ – a Cantonese text-to-speech synthesis software library. It is designed for system developers to integrate Cantonese speech synthesis into their products and services. CUTalk™ is implemented as application programming interface for invocation through with a few function calls while providing all necessary control to suit most practical scenerios. CUTalk™ can empower your products and services with speech capability for easy and impressive user interfaces. With CUTalk™, necessary speech synthesis capabilities are made available for immediate use since all labour-intensive and expert knowledge demanding tasks are performed and all the necessary data are included as libraries in CUTalk™. It is an essential component for many applications such as IVRS, speech aids, human machine spoken interface etc.

DESCRIPTIONS

Basic text-to-speech synthesis features:

- converting text input to speech output
- choice of gender of the voice (1 male and 1 female)
- change of speaking rate
- choice of output (loud speaker or computer file)

More advanced features:

- mutli-thread safe
- choice of output file format either as μ -law companded or raw samples
- capable of handling homograph (one word multiple pronunciations) problems in Chinese
- capable of processing BIG5 as well as GuoBiao (GB) encoded input
- capable of reading out digit string either discretely or as a number
- capable of reading out punctuation marks or simply treat them as pauses
- capable of spelling out English alphabets
- run on Microsoft® Windows and Linux platforms

LICENSING

The CUTalk™ is available for evaluation and commercialization. A nominal price of HK\$500.00 will be charged for the evaluation version. It is also available for commercialization. Please contact us for details.

CONTACT

Interested parties are welcome to contact the Department of Electronic Engineering, the Chinese University of Hong Kong, Hong Kong, for further information.

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CUTalk™

