TEXT TO SPEECH IN 9 INDIAN LANGUAGES

Technology Development for Indian Languages (TDIL) Programme initiated by the Department of Electronics & Information Technology (DeitY), Ministry of Communication & Information Technology (MC&IT), Govt. of India has the objective of developing Information Processing tools and Techniques to facilitate human-machine interaction without language barrier; creating and accessing multilingual knowledge resources; and integrating them to develop user products and services.

Consortium Mode project has been initiated to develop Text-to-Speech system in nine Indian Languages Hindi, Bengali, Marathi, Malayalam, Tamil and Telugu, Gujarati, Odia and Assamese languages. The objective of the Project is to develop and deploy Text to Speech System for visually benefit of social cause.

In today’s Programme, Hon Minister of Communication and IT will hand over the technology of Text To Speech to OS Labs Technologies.

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Text To Speech

TEXT TO SPEECH SERVICE INTEGRATED WITHIN FIRSTOUCH REGIONAL MOBILE OPERATING SYSTEM DEVICES SUPPORTING MAJOR INDIAN LANGUAGES
Text-to-Speech (TTS) is a computer software which renders the machine readable text into human voice. The TTS software enables a voice interface listening written texts on a mobile device. Text to speech system when integrated with mobile operating system, enables users to access information in his own languages for various applications like SMS, messenger applications, web-content / browsing, e-mail, documents etc.

This system is currently available in 9 Indian languages. Consumers can now experience their phone in their own language. Firstouch has integrated multiple patented innovations like Regional Keyboard, Swipe Language Technology and Others in the smartphone OS.

This system has been developed on 3 distinct aspects: Language, Simplification and Innovation. It’s patented Keyboard, OS Embedded Translation and Transliteration and Swipe Language Technology, Large Regional Language Data Corpus, App Bazaar, the regional AppStore, Carrier Billing Payment Gateway are current set of innovations included within its OS. Similar such OS Innovation and Language technologies will be embedded in the future versions.

A Consortium led by Department t of Computer Science and Engineering, IIT Madras, C-DAC Mumbai C-DAC Thiruvananthapuram, C-DAC Kolkata, IIT Kharagpur, IISc. Bangalore, IIT Guwahati, SSN College of Engineering, Chennai, Tamil Nadu, Dhruv Rana Institute of Information Communication Technology, Gandhinagar worked together to develop this technology. This software will enhance the outreach of low end smart phone devices in tier-2 and tier-3 cities and digitally connect millions of consumers including low-vision and visually challenged with internet.
Department of Electronics and Information Technology
Ministry of Communications and Information Technology
Government of India

J.S. Deepak
Secretary, Department of Electronics and Information Technology
Requests the pleasure of your company in the
celebration of Good Governance Week

Chief Guest
Shri Ravi Shankar Prasad
Hon'ble Minister for Communications & IT, Government of India
On
December 28, 2015
at
Stein Auditorium, India Habitat Centre, Lodhi Road
Time: 2:00 PM - 4:00 PM

RSVP
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NOTE:
You are requested to be seated by 1:50 PM.