

ABSTRACT

Text to speech is one of Voice Processing System (VPS) application that converts an input in the form of letter and character (text) becoming an output in the form of speech. During the time, text to speech application is used as a desktop application at a Personal Computer (PC). Along with growth of information technology, several system based on computer network require application of text to speech in it.

In this final project have been made a software which implements Indonesian text to speech server, with diphone as pronunciation unit. Input which in the form of text given by client application that connected to the server application through computer network. The input will be processed by server application become output in the form of a sound file delivered to the sender client application

Key Word : *text to speech*, , *Voice Processing System (VPS)*, *diphone*, *server*, *client*