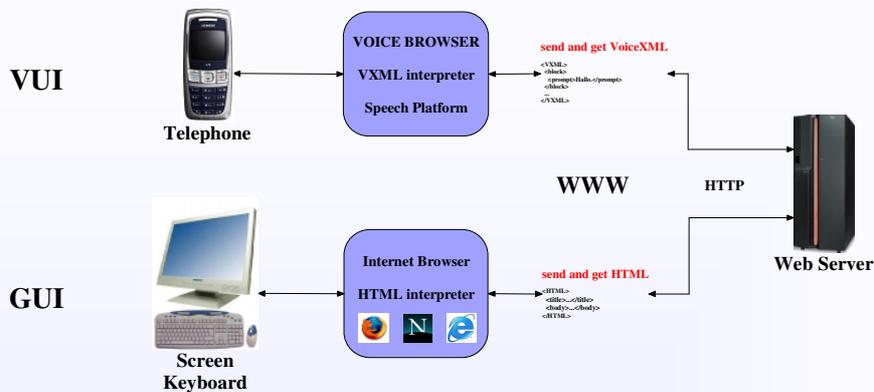# VOICE BROWSING

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Voice browsing works *analogically* to internet browsing. Instead of using keyboard, mouse and screen you get web information via telephone. As an internet browser like "Internet Explorer" presents HTML source code graphically (GUI – Graphical User Interface) a *voice browser* presents VoiceXML source code vocally (*VUI – Voice User Interface*).

VOICE BROWSER

A voice browser is part of a *speech platform*. It manages inputs and outputs and the other elements of the Speech Platform like Text-To-Speech (TTS) engine, Automatic Speech Recognition (ASR) and VXML interpreter.

Working method of the system: A request posed by the caller is recognized by ASR. The voice browser analyzes the request with grammars or vxml pages on the web server and searches for an appropriate response, which is a vxml page send by the worlwideweb. The vxml code is encoded by the interpreter and synthesized by TTS. The response reaches the caller via the associated telephone network
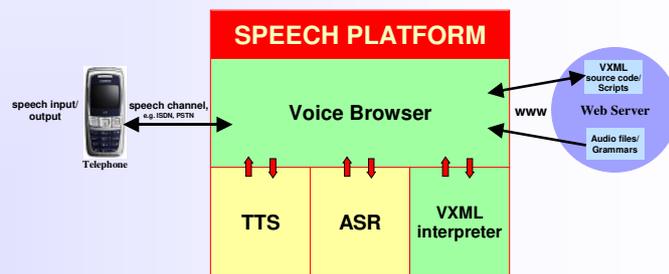
A speech platform is the *gateway* between worldwideweb and telephone network (e.g. ISDN, PSTN).

VOICE APPLICATION

The application the caller interacts with by just using the telephone is called *voice application*. It consists of vxml source code, grammars, scripts and audio files, and is saved on a web server. It is as easy to built voice applications as to develop your own website. One of the most famous online development environments for speech applications is "voxbuilder" by "voxpilot". Voxpilot also provides a server, where your data is saved, and a speech platform.
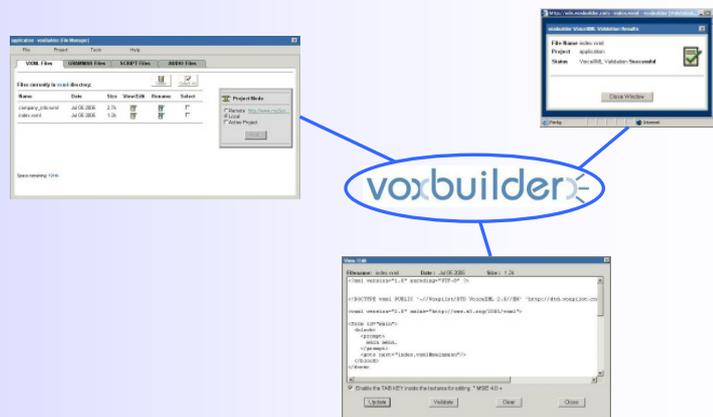
Voxbuilder provides file manager, editor and validator. Have a look at www.voxbuilder.com.