SYSTEM AND METHOD FOR ADDING SPEECH RECOGNITION CAPABILITIES TO JAVA

ABSTRACT OF THE DISCLOSURE

In a system (10) for adding speech recognition capabilities to Java, there is provided a speech recognition server (18) coupled to a Java application (24) through an application program interface (20). The Java application (24) dynamically specifies a grammar (56) to the application program interface (20), which communicates the grammar (56) to the speech recognition server (18). The speech recognition server (18) receives the grammar (56) and a speech input (66). Upon receiving the speech input (66), the speech recognition server (18) performs speech recognition and generates a result (58) based on the grammar (56). The application program interface (20) communicates the result (58) to the Java application (24), which performs an action based on the result (58) received.

Figure 2