SPEECH RECOGNITION SYSTEMS AND METHODS

Abstract

A speech processing system and a method therefor is provided. The speech processing system may capture one or more speech signals. Each of the one or more speech signals may include at least one dialogue uttered by a user. Dialogues may be extracted from the one or more speech signals. Frequently uttered dialogues may be identified over a period of time. The frequently uttered dialogues may be a set of dialogues that are uttered by the user a number of times during the period of time more than other dialogues uttered by the user during the period of time. A local language model and a local acoustic model may be generated based on, at least in part, the frequently uttered dialogues. The one or more speech signals may be processed based on, at least in part, the local language model and the local acoustic model.

Fig. 1