Kannudi- A Reference Editor for Kannada (Based on OPOK! and OHOK! Principles, and Domain Knowledge)

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Abstract : Kannudi is a reference editor introducing a method of input for Kannada, called OHOK!, that is, Ottu Hāku Ottu Koḍu!. This is especially suited for pressure-sensitive input devices, though the current online implementation uses the regular mechanical keyboard. OHOK! has three possible modes, namely, sva-ottu (self-conjunct), kandante (as you see), and andante (as you say). It may be noted that kandante mode does not follow the phonetic order. However, this model may work well for those who are inclined to visualize as they type rather than vocalize the sounds. Kannudi also demonstrates how domain knowledge can be effectively used to potentially increase speed, accuracy, and user-friendliness. For example, selection of a default vowel, automatic shunyification, and arkification. Also implemented are four types of Deletes that are necessary for phono-syllabic languages like Kannada.

Keywords : kannada, conjunct, reference editor, pressure input

Conference Title : ICMMILG 2022 : International Conference on Man-Machine Interaction and Language Generation

Conference Location : Los Angeles, United States

Conference Dates : October 27-28, 2022