

An information extraction approach to english-vietnamese weather bulletins machine translation

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Abstract: In this paper, we present our method of using Information Extraction techniques to tackle the task of automatically translating English weather bulletins to Vietnamese. It is simple yet effective in satisfying the constraints of low processing power and storage space for the deployment on an embedded system. Experimental results are very promising with the F-measure going up to 96% for extracting relevant information from the weather bulletins. © 2009 IEEE.

Index Keywords: F-measure; Information Extraction; Information extraction techniques; Machine translations; Processing power; Storage spaces; Computer aided language translation; Information analysis; Information theory; Speech transmission; Database systems

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