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**Abstract.**

Many web sites provide regularly updated data in a fixed structure. These data are very useful for some applications with autonomous agents (e.g. to determine the exchange rates). However, data extraction from these sites is nontrivial because of the great variations from one site to another. In this paper, we propose an approach based on ontology, which facilitates the formalization and the extraction of data from different sources. The extracted data are converted into a coherent structure so that users and agents can query them regardless of their origin. The ultimate goal of this tool is to extract reliable information from web pages.