Artificial Intelligence

Prominent Paper Award 2017

YAGO2: A spatially and temporally enhanced knowledge base from Wikipedia
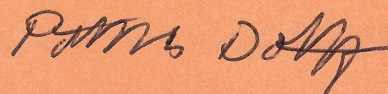
Johannes Hoffart, Fabian M. Suchanek,
Klaus Berberich, Gerhard Weikum
Vol 194, 2013, pages 28-61

YAGO2 has made outstanding contributions to the automatic construction of large knowledge bases and semantic networks from public domain sources such as Wikipedia and Wordnet. YAGO2 is a conveniently searchable, large-scale, highly accurate knowledge base of common facts in machine-processable form. It is invaluable for making sense of internet content and for supporting tasks such as semantic search and text disambiguation, and in general, for building truly intelligent agents. The YAGO2 paper builds on the earlier YAGO system and focusses on the integration and construction of the spatial and temporal dimension in knowledge bases. YAGO2 combines excellent science with a significant engineering effort. It is not only enabling, but also inspires numerous other developments in artificial intelligence, natural language processing and the semantic web.

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