Title (en)

COREFERENCE RESOLUTION IN AN AMBIGUITY-SENSITIVE NATURAL LANGUAGE PROCESSING SYSTEM

Title (de)

KOREFERENZAUFLÖSUNG IN EINEM DOPPELDEUTIGKEITSBEWUSSTEN SYSTEM ZUR VERARBEITUNG NATÜRLICHER SPRACHE

Title (fr)

RÉSOLUTION DE CORÉFÉRENCE DANS UN SYSTÈME DE TRAITEMENT DE LANGAGE NATUREL SENSIBLE À L'AMBIGUÏTÉ

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Abstract (en)

[origin: WO2009029903A2] Technologies are described herein for coreference resolution in an ambiguity-sensitive natural language processing system. Techniques for integrating reference resolution functionality into a natural language processing system can processes documents to be indexed within an information search and retrieval system. Ambiguity awareness features, as well as ambiguity resolution functionality, can operate in coordination with coreference resolution. Annotation of coreference entities, as well as ambiguous interpretations, can be supported by in-line markup within text content or by external entity maps. Information expressed within documents can be formally organized in terms of facts, or relationships between entities in the text. Expansion can support applying multiple aliases, or ambiguities, to an entity being indexed so that all of the possibly references or interpretations for that entity are captured into the index. Alternative stored descriptions can support retrieval of a fact by either the original description or a coreferential description.

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