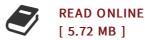# Natural Language Processing with Thoughttreasure

By Erik T Mueller

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.ThoughtTreasure is a commonsense knowledge base and architecture for natural language processing. It uses multiple representations including logic, finite automata, grids, and scripts. The ThoughtTreasure architecture consists of: the text agency, containing text agents for recognizing words, phrases, and names, and mechanisms for learning new words and inflections; the syntactic component, containing a syntactic parser, base rules, and filters; the semantic component, containing a semantic parser for producing a surface-level understanding of a sentence, a natural language generator, and an anaphoric parser for resolving anaphoric entities such as pronouns; the planning agency, containing planning agents for achieving goals on behalf of simulated actors; and the understanding agency, containing understanding agents for producing a more detailed understanding of a discourse.

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