An agent Design and Query Language dedicated to Natural Language Interaction

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The reference problem

\[ F(\chi) \rightarrow f(\chi) \]

\[ f \text{ is a method} \]

\[ \chi \text{ is an instance} \]

Displace the small disk to the right

Lexical phase

<displace>[<small,disk>,<right>]

Reference processing

move(d1,s1)

\[ f \rightarrow \chi \]

Agents can be requested:

a) By other agents using directly the internal AQL  
b) By humans through a NLP semantical analyser producing AQL requests

Agent Query Language

Agents have to be programmed with a specific language (VDL) using a small number of basic schemes in order to control their internal structure when requests are processed.

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