CLAIMS

1. A method for enhancing responses from a large language model (LLM), comprising:

(a) accessing at least one response to a query from a large language model;

(b) parsing the at least one response into logic programming predicates defining a plurality of facts and actions associated with the at least one response;

(c) conducting an accuracy (correctness) validation operation for the at least one response in view of a knowledge base for logic programming including:

(c)(i) verifying and maintaining facts of the plurality of facts in the at least one response shown to be true via the knowledge base, and

(c)(ii) removing any other facts of the plurality of facts from the at least one response defining negations shown to be true in the knowledge base;

(d) generating an output evaluating and returning a validated version of the at least one response based on the accuracy validation operation

(e) parsing the at least one response into the logic programming predicates to construct input messages for an enterprise computer system;

(f) integrating input messages as constructed with the existing enterprise computer systems, including informational systems and control systems, by formatting the input messages into application programming interface (API) calls for communication with said existing enterprise computer systems; and

(g) distributing the validated version of the at least one response to said

existing enterprise computer systems via APIs, enabling automated data queries and control actions based on generative artificial intelligence outputs.

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