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(54) Method and apparatus for performing planbased dialog

(57) The present invention provides a dialog system in which the subsystems are integrated under a single technology model. In particular, each of the sub-systems uses stochastic modeling to identify a probability for its respective output. The combined probabilities identify a most probable action to be taken by the dialog

system given the latest input from the user and the past dialog states. An additional aspect of the present invention is an embodiment in which the sub-systems communicate with one another through XML pages, thus allowing the sub-systems to be distributed across a distributed network.

