



User Input: Determines whether the sentence is a question, an answer, or a phrase.

Question Parser: Parses the question into keywords.

Answer Parser: Parses the answer into keywords and definition.

Word Lookup: Looks into the AI memory to determine if the keyword(s) are known or unknown. If it is known it will get the definition otherwise it will get "null".

Answers Question: Takes the keyword and definition to form a full sentence as an answer.

Asks for answer: Forms a sentence to ask to the user what the keyword means.

Store Answer and Respond: Stores the keyword and definition into the AI memory and then responds with a pulled phrase.

Respond to statement: Looks for the phrase in the Phrase file and returns the corresponding phrase.

Is Association: Check to see if the phrase is an association. If it is it parses it into its two keywords and stores it in AI's Knowledge.

System's Output: Given a sentence it outputs it to the user.

AI's Knowledge: A file for storing all the AI's definitions of words and associations

Phrases: Stores the different phrases the system can respond to and the format of certain input