Slot Matched Substitution Deletion Insertion

Template:   
we present milabot a deep reinforcement learning chatbot developed by the montreal institute for learning algorithms mila for the amazon alexa prize competition milabot is capable of conversing with humans on popular small talk topics through both speech and text the system consists of an ensemble of natural language retrieval generation and retrieval models including templatebased models bagofwords models sequencetosequence neural network and latent variable neural network models by applying reinforcement learning to crowdsourced data and realworld user interactions the system has been trained to select an appropriate response from the models in its has been evaluated through ab testing with realworld users where it performed significantly better than 41921 competing systems due to its machine learning architecture the system is likely to improve with additional   
  
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