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Making it real: Loebner-winning chatbot design

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For the last three years, chatbots of my wife and I have participated in the Loebner Prize in Artificial Intelligence, coming in 1st twice and 2nd once, with a different persona each year. One of them even fooled a human judge. A world-class chatbot should tell the story of its life, have a consistent personality, and respond emotionally. It takes a lot of script. And it takes a powerful engine designed to support natural language processing in a variety of ways and make it relatively easy to author all that script. This talk discusses ChatScript, the open-source Natural Language scripting language and engine running our bots. And it looks at how we construct chatbot personalities and what we have learned over time.

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