

Stacking up an Al

x.ai makes an AI personal assistant who schedules meetings for you





Stackup: Al Edition | 2/20/17 | x.ai

Pain

●●●○○ Verizon 令 20% 9:04 AM Cancel Meeting up for Coffee Send To: Michael Subject: Meeting up for coffee Hi Michael. Good to talk to you yesterday. Do you have time to meet up later today, tomorrow or perhaps early next week? I am free most days after 1 PM. John

Solution

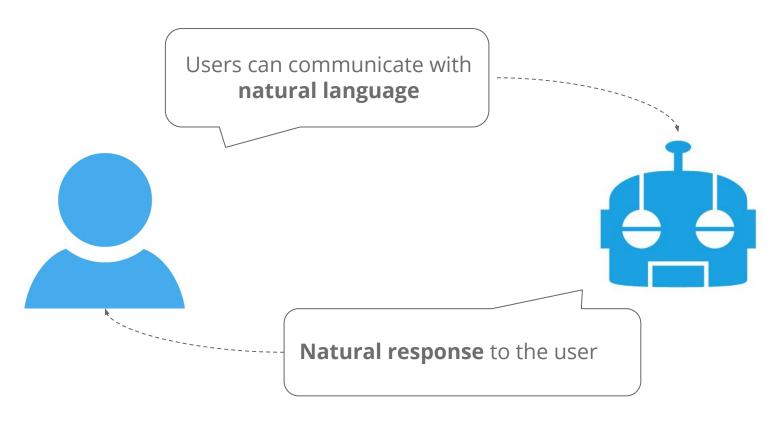




Demo



Natural Language Interface





The Humans

- Tech
 - Comprehension
 - Response
 - Annotation
- Business



The Stack

- Scala
- JavaScript
- Python



The Science

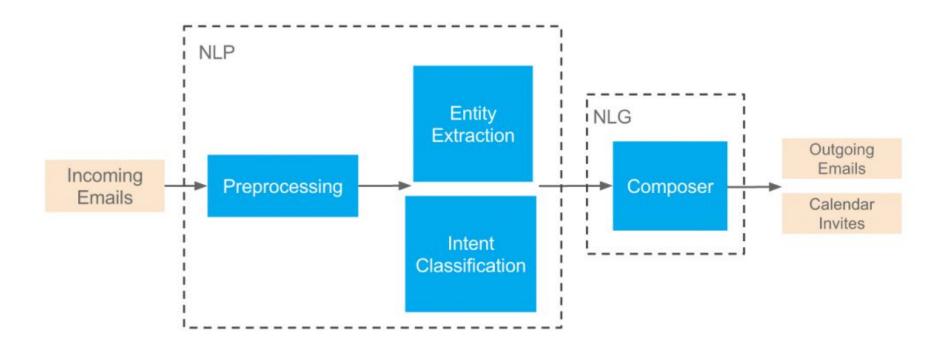
- Traditional machine learning
- Conditional Random Fields
- Deep Learning



Judicious determinism



High Level Architecture







Response Generation

From: Andrew Ingram <andrew@x.ai>

Oct. 13 at 3:58 PM EDT

. . .

Hi Diane,

To make sure that you and John don't miss each other, can you give me an exact address for "Starbucks"?

Let me know and I'll send out an invite once I have confirmed a time with John.

Andrew

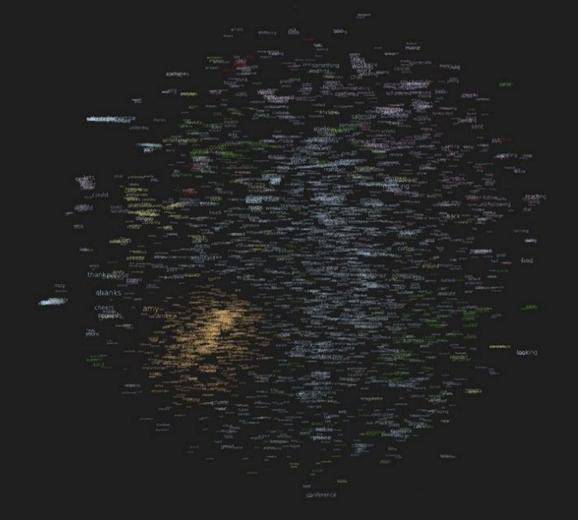


Response Generation

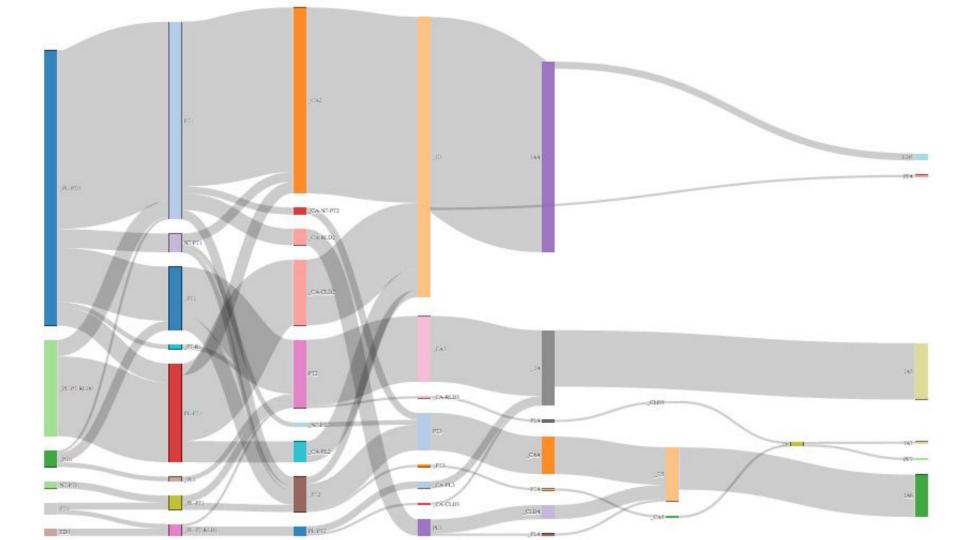


- Judicious determinism
- Problem decomposition





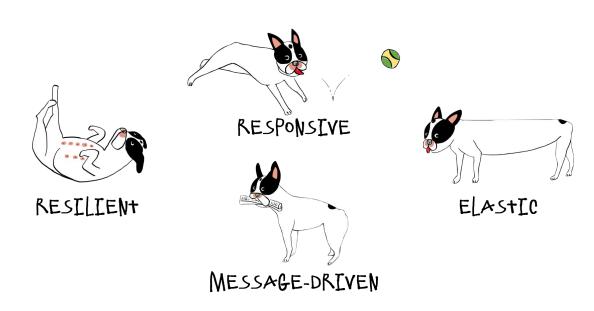


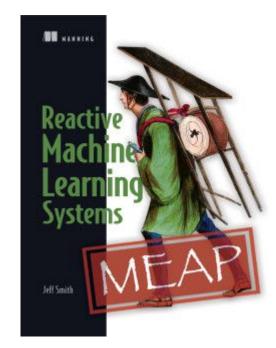


- Judicious determinism
- Problem decomposition
- Reactive systems



Reactive Machine Learning







- Judicious determinism
- Problem decomposition
- Reactive systems
- Datanauts































































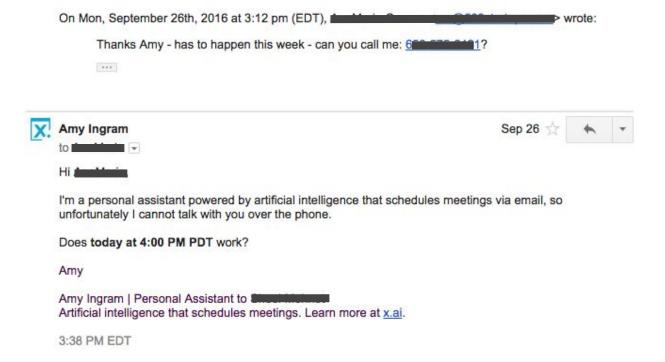




Results



Turing Test





Gratitude

People are thanking Amy in ~11% of all meetings



Ryan Kuder @ryankuder · Oct 11
When my Al assistant (Amy by @xdotai) sends me an FYI email, I send her a thank you email back. Probably extraneous, but a good habit.



Adam Thornhill @adam_thornhill · Jun 1
I just thanked an AI personal assistant believing it was human. The team at @xdotai have made a #gamechanger



Courtney Schulz @courtneyschulz - Jul 22 @xdotai is AWESOME! Amy is my new BFF! #ai



jeff@human.x.ai @jeffksmithjr

x.ai @xdotai





jeff@human.x.ai

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@jeffksmithjr

