

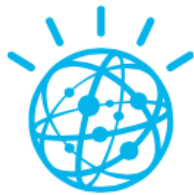
Bad Bot! Good Bot!

DorkBot

1 March, 2017

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<mark@botanic.io>



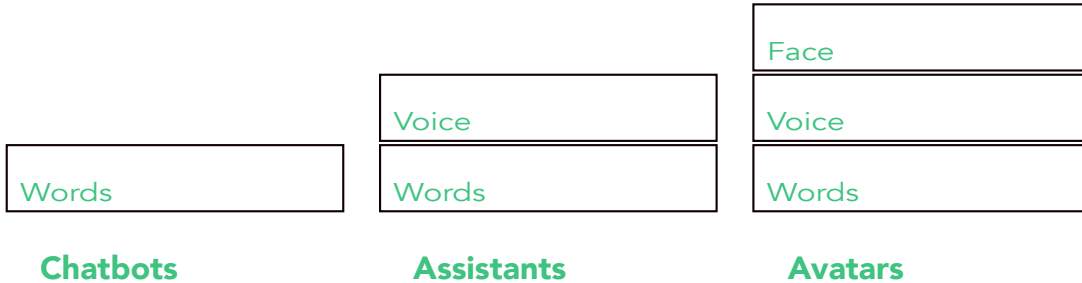


Early Conversational Systems

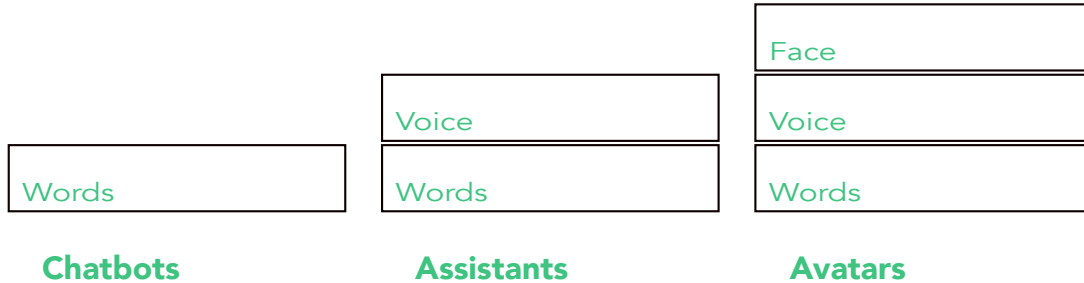
These commercial
platforms combine
VUI with API services.



- Personality is the UX of AI
- Bots now read, write, speak, watch, and listen
- They monitor emotion, user state
- This sucks and its great
- They need license plates

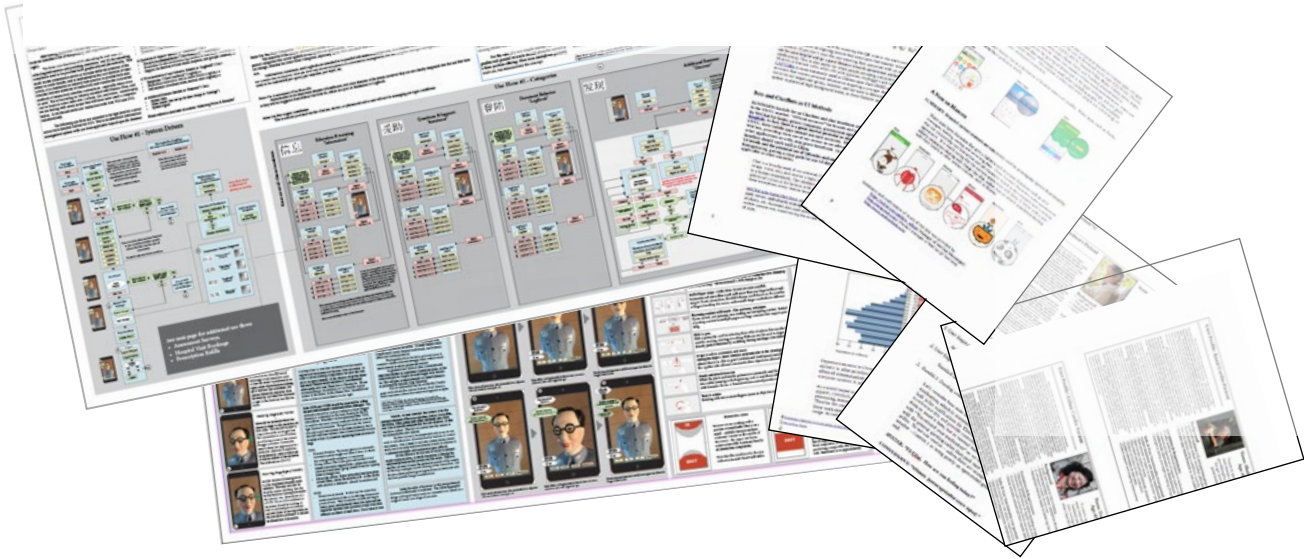


Nobody
wants to talk
with a robotic robot.



UX:

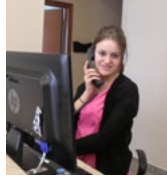
“Ensures the user understands the value of the product and can control the outcome of the interactions.”



Air Travel



Hospital



Restaurant



We make multi-modal bots
They're like software robots.

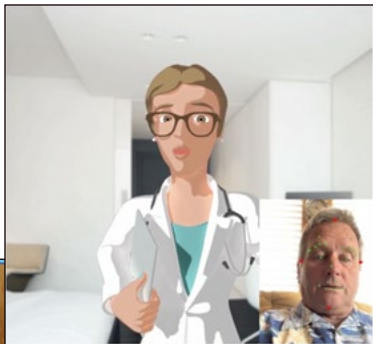
Text
+ Sound (voice)
+ Image (face)
= Conversational Avatar

Early Build: Merly

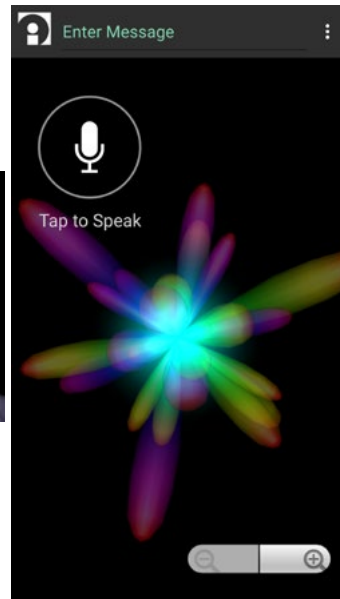
(thanks,
DorkBot!)

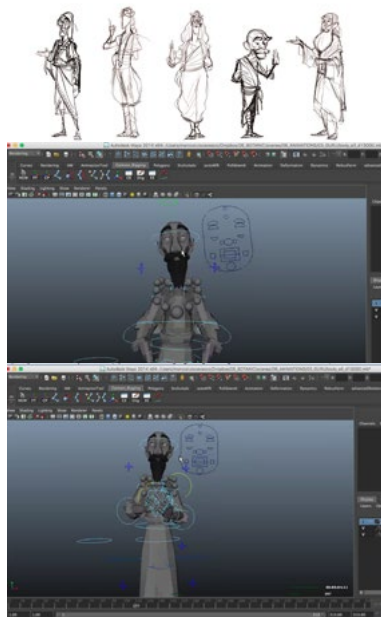


Sophie, Min,
Biggs & Jiggs



And uncanny valleys.

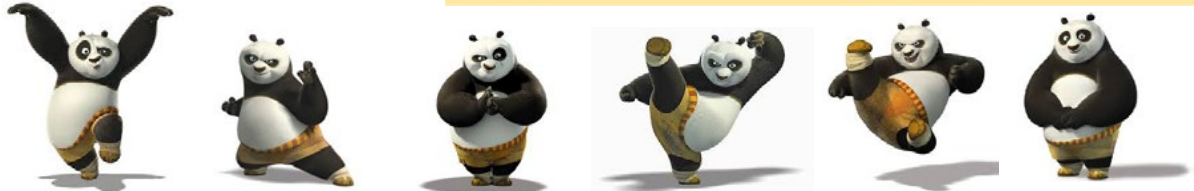
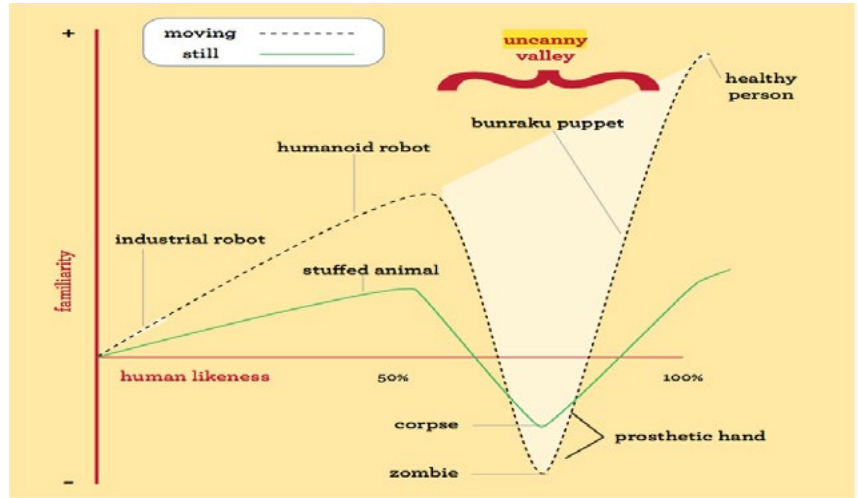




The Guru (2016)

There are many uncanny valleys:

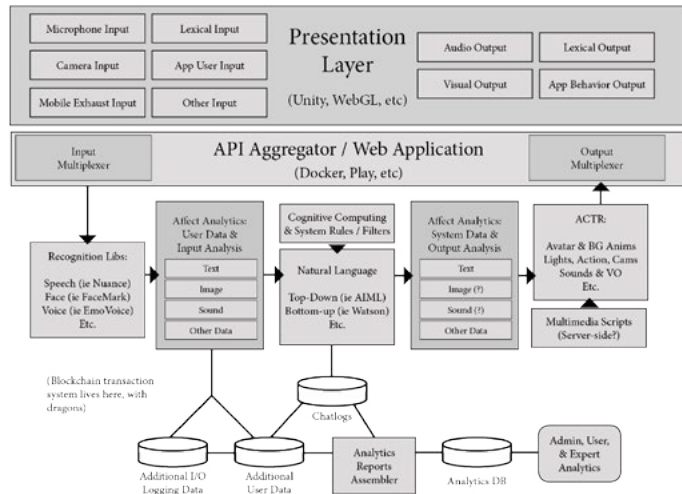
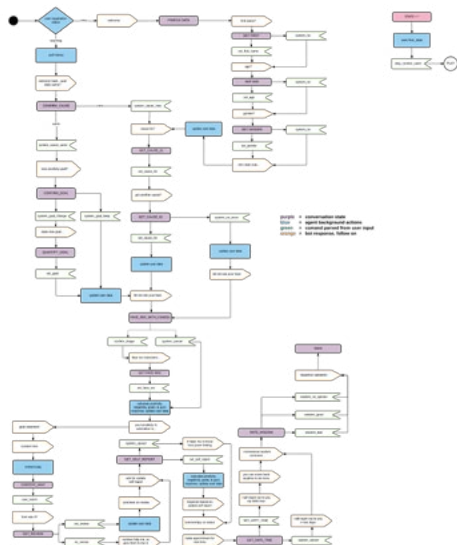
- Appearance
- Movement
- Voice
- Attention
- Timing
- Cognitive response
- Social response
- .. and others to come



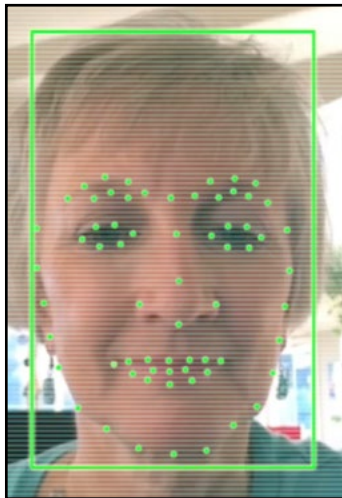
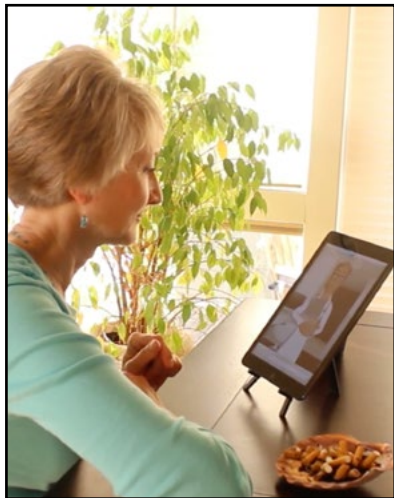
The Botanic Personality Toolkit

- Deploy personalities
- Manage identities
- Maintain relationships

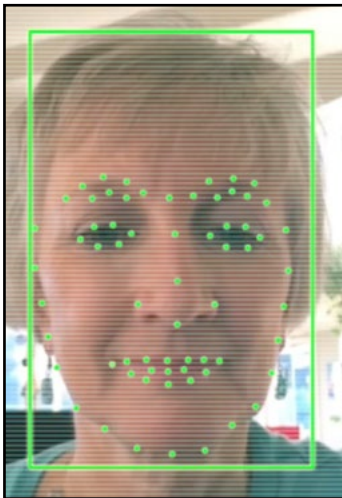




Input < -- > Output



Why bots are being hypecycled



- They aggregate a shitload of APIs
- NLP: Collect user words & meaning
- ASR: Collect user vocal data
- CV: Collect image & user facial data
- This is highly surveillant user state data

The Money Lives In The Database

The Money Lives In The Database

Oh, and Pokemon Go!?



Bots need license plates

(security transoms)

Callbacks to 3rd party services:

- OAuth
- OpenID
- KeyBase.io
- ShoCard
- Blockstack
- UniquID
- Hypr
- Evernym
- &c

Deployment public proof / verification:

- Facebook
- Kik
- Slack
- Twitter
- GitHub
- PGP key
- Blockchain accounts (Coinbase)
- &c

Bots need license plates

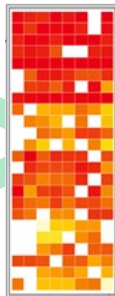
User Appearance: face, gesture,
posture, background

User Voice (200 vectors)

User Words (knowledge)

User Emotion (9 emotions)

User Intent (85% accuracy to
predict a user behavior in the
coming 24 hours)



**Multimodal bots are
high-resolution cameras
trained on users.**

Bots need license plates

User Appearance: face, gesture,
posture, background

User Voice (200 vectors)

User Words (knowledge)

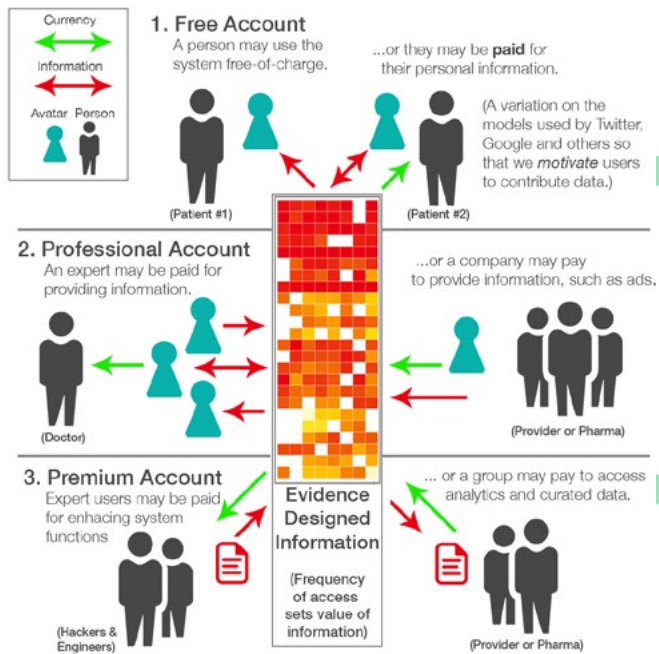
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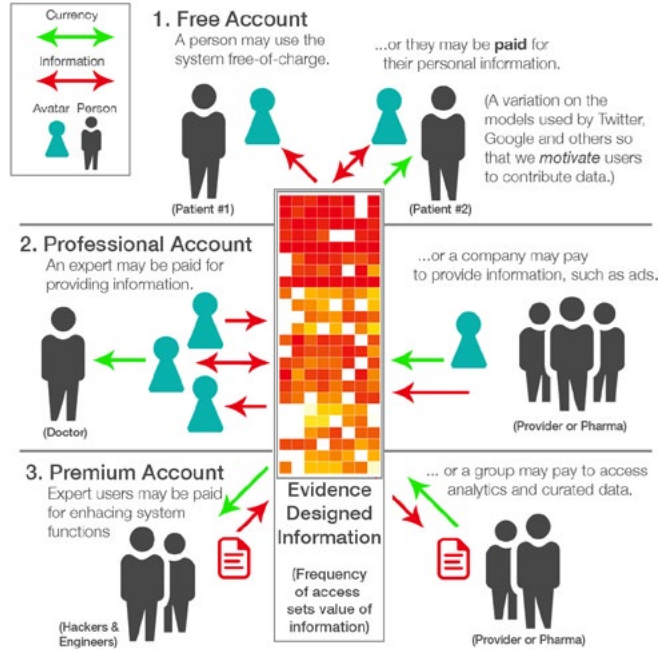
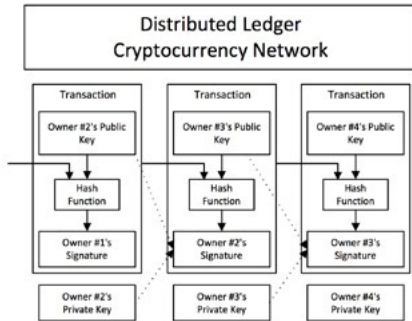
**And this
knowledgebase
forms a prism...**

Experts should
be paid for
their knowledge.



Users should
be reimbursed
for their info.

A knowledgebank!

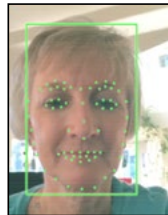
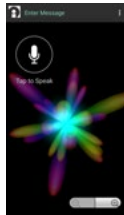
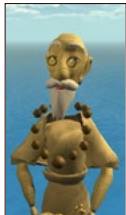


Bots need license plates

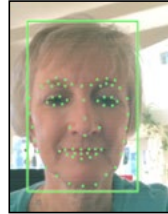
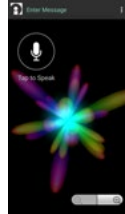
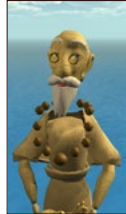
Security Transoms:

- protects user data
- protect brand identity
- establishes trust
- facilitates dialogue markets
- allows buy / sell

botauth.com



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Thank you, DorkBot!
We love you longtime!

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