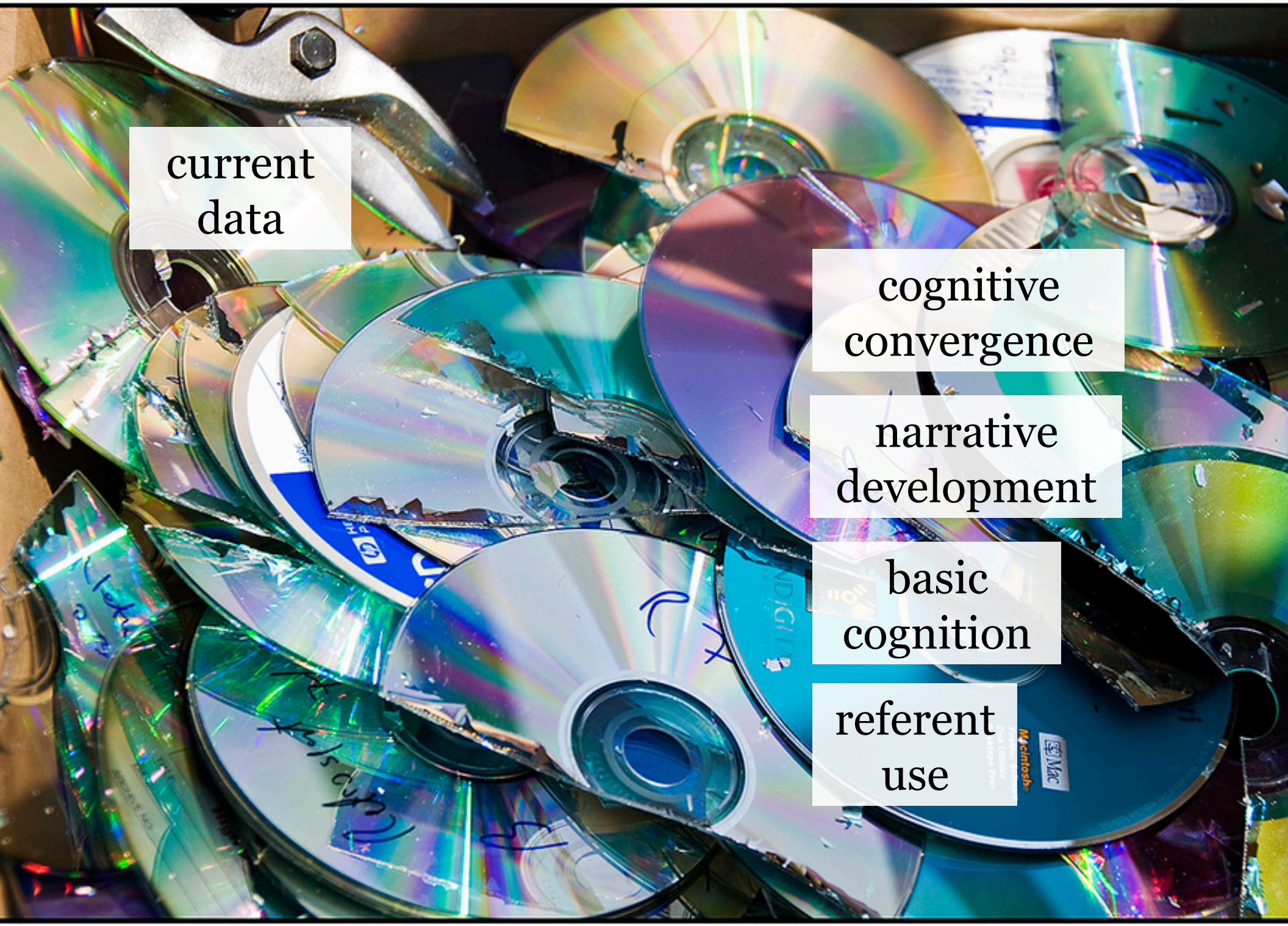
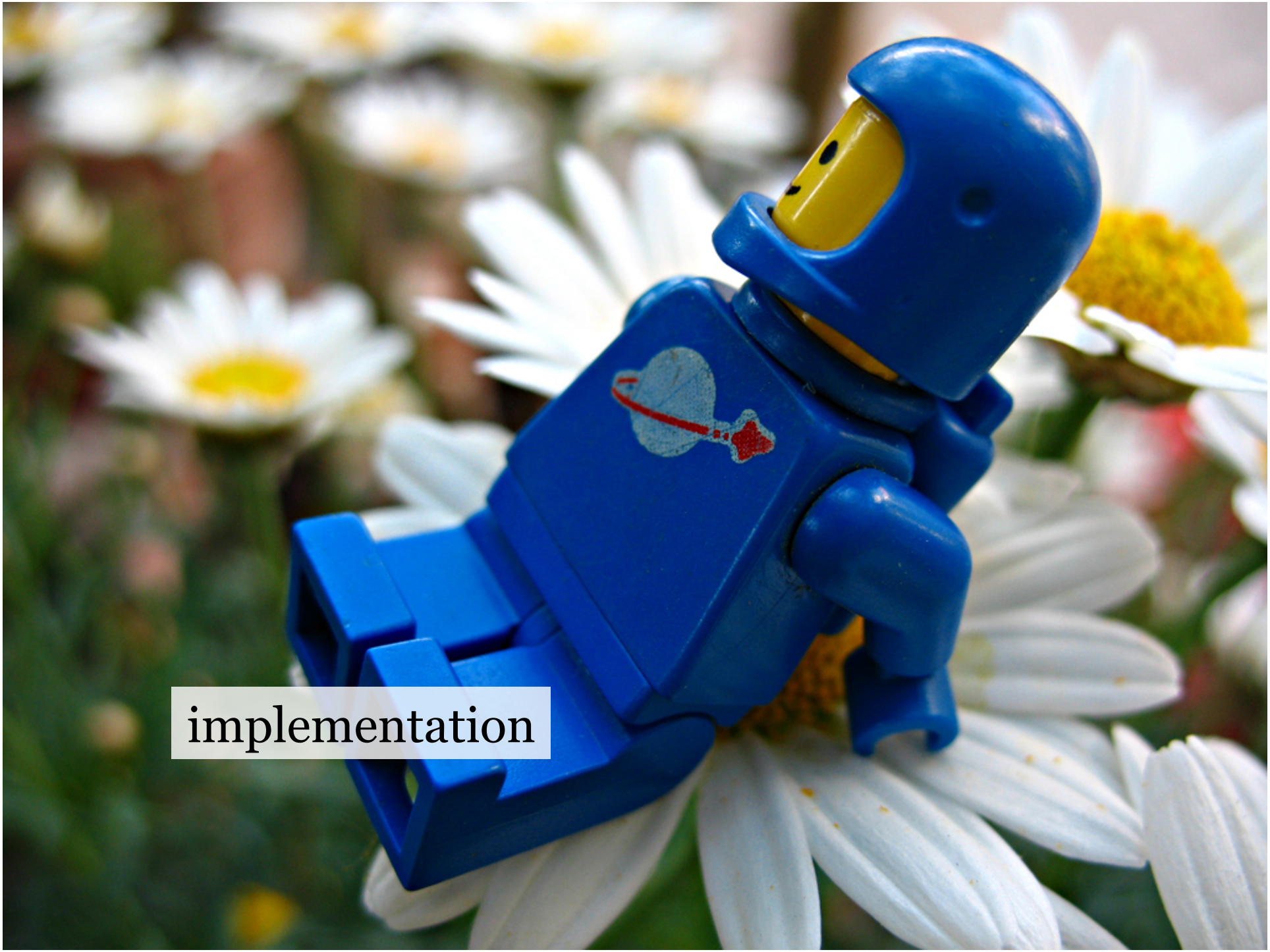
fuzzy
improvisational
agents
dr. brian magerko
adam lab
georgia institute of technology

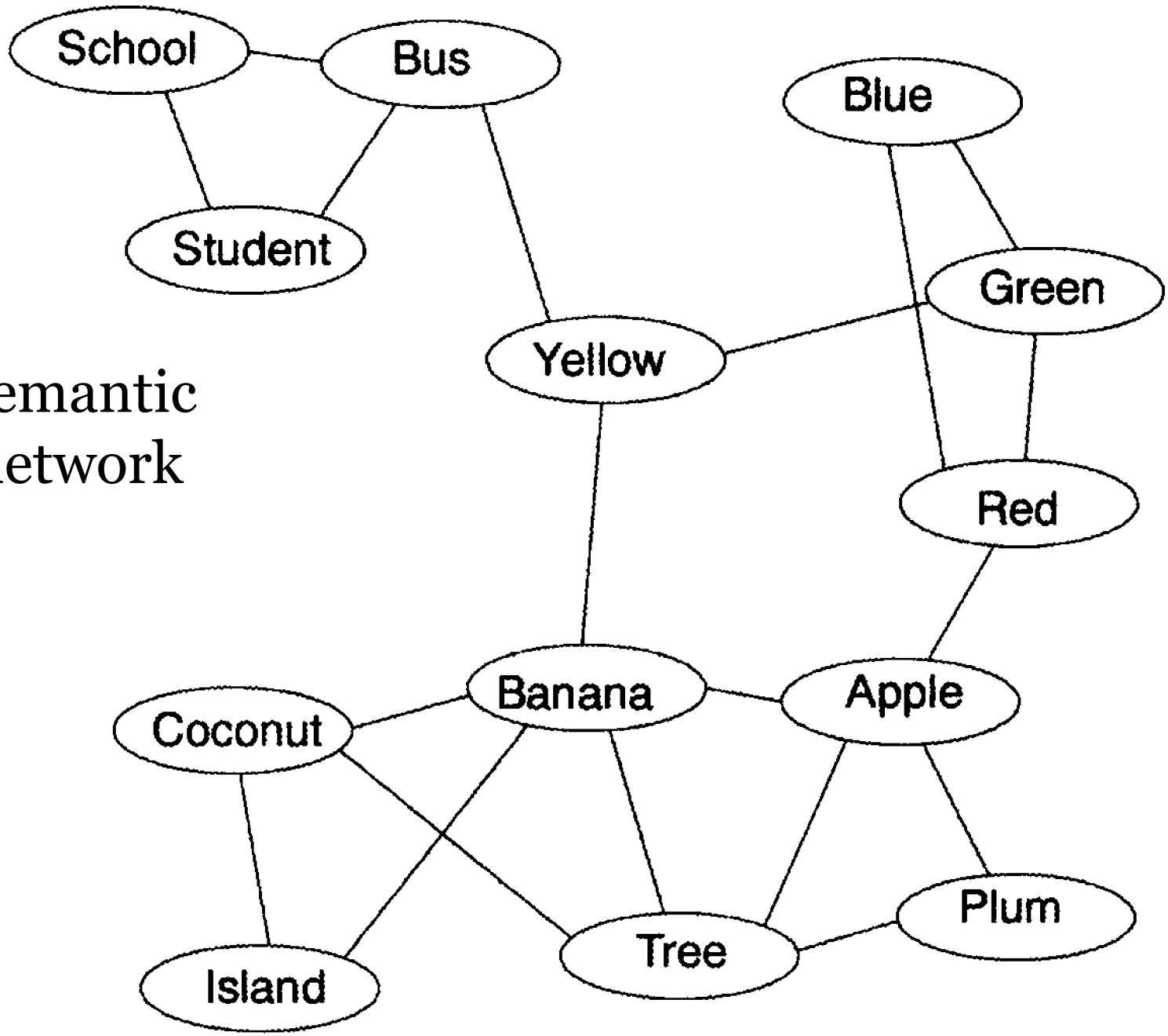
methodology
performance
retrospective protocols
group interview
build agents


current data
cognitive convergence
narrative development
basic cognition
referent use


implementation

current agents
“interesting” characters
conflict creation
cognitive convergence

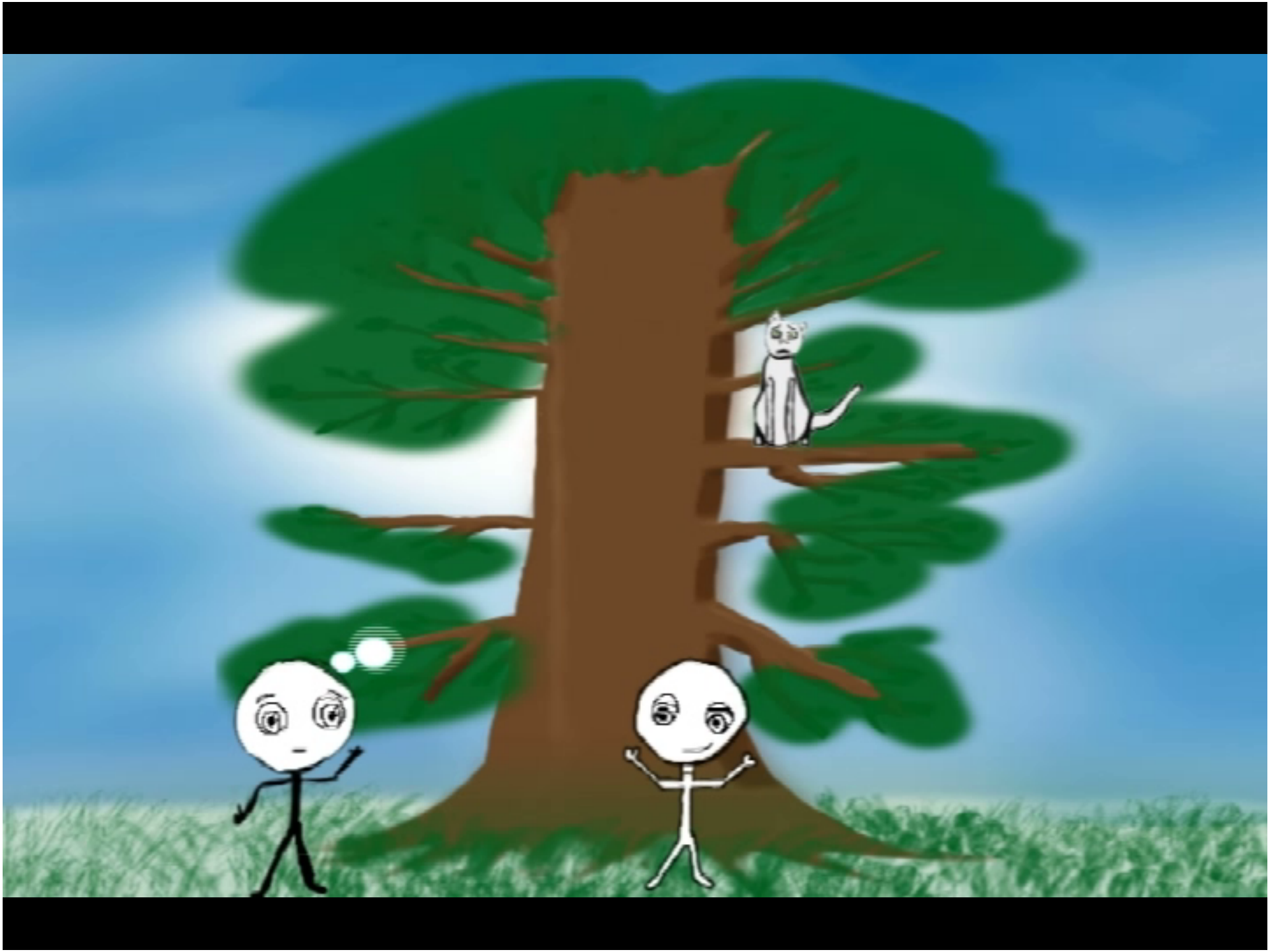
Semantic network

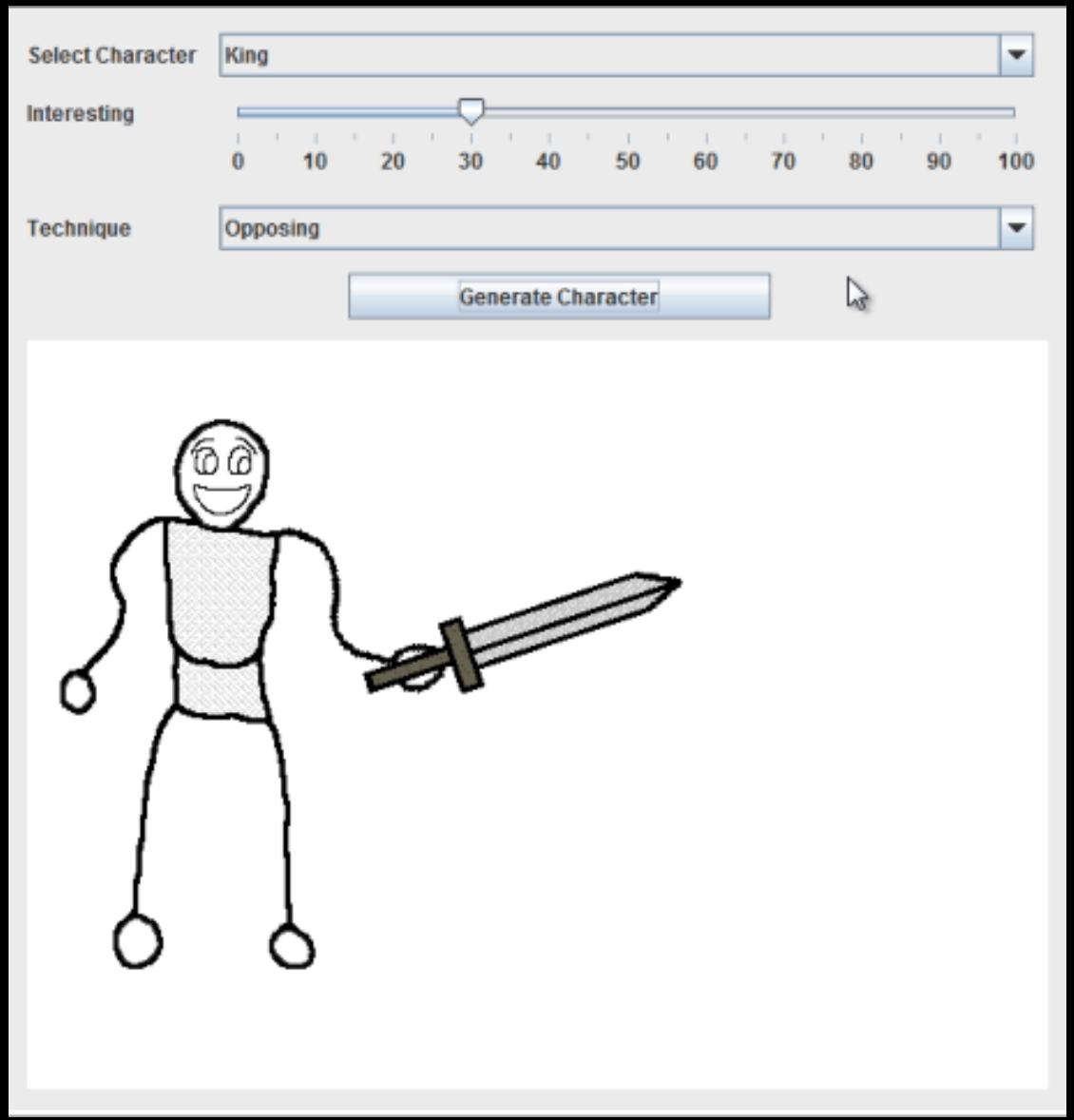


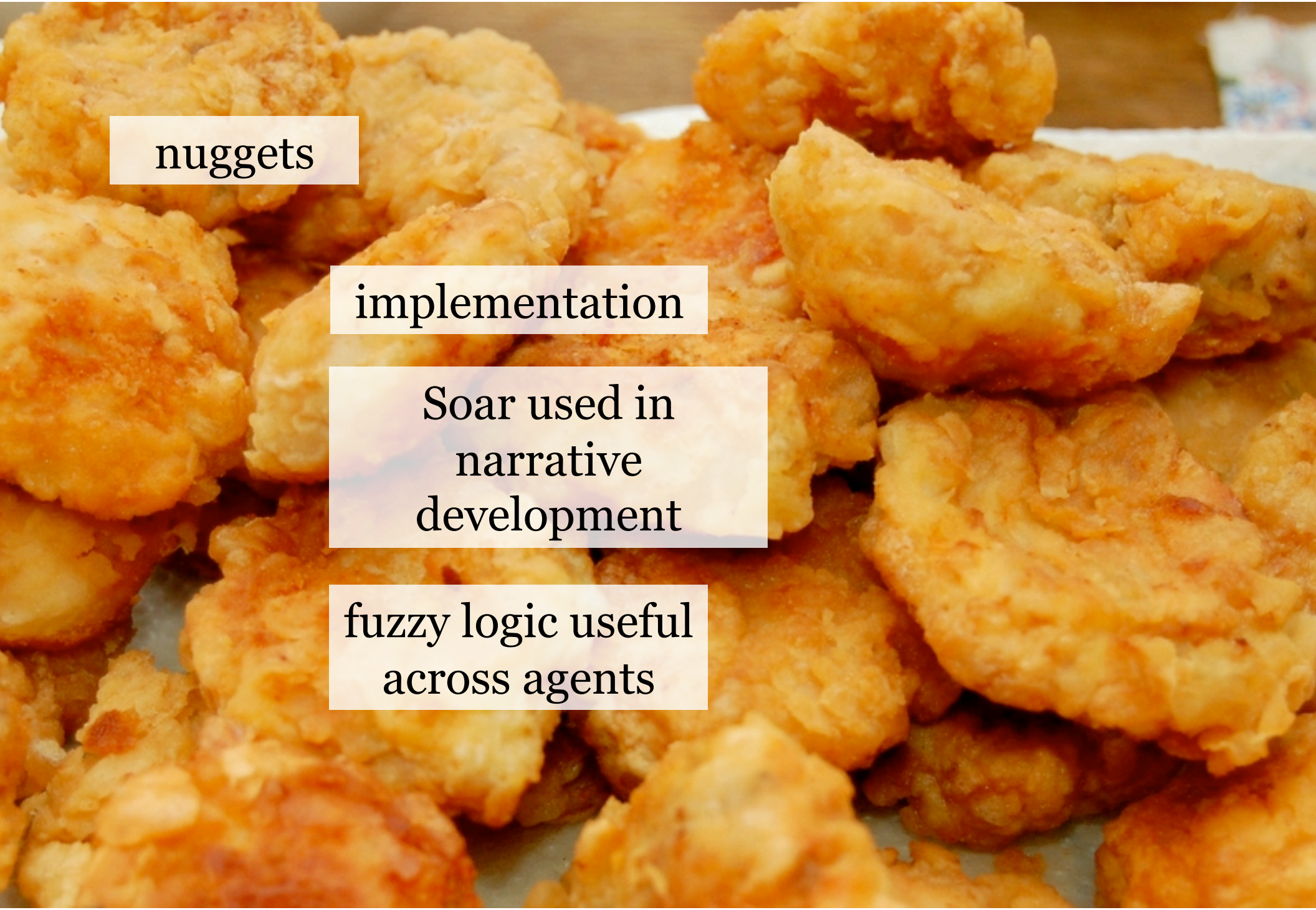
fuzzy
agents

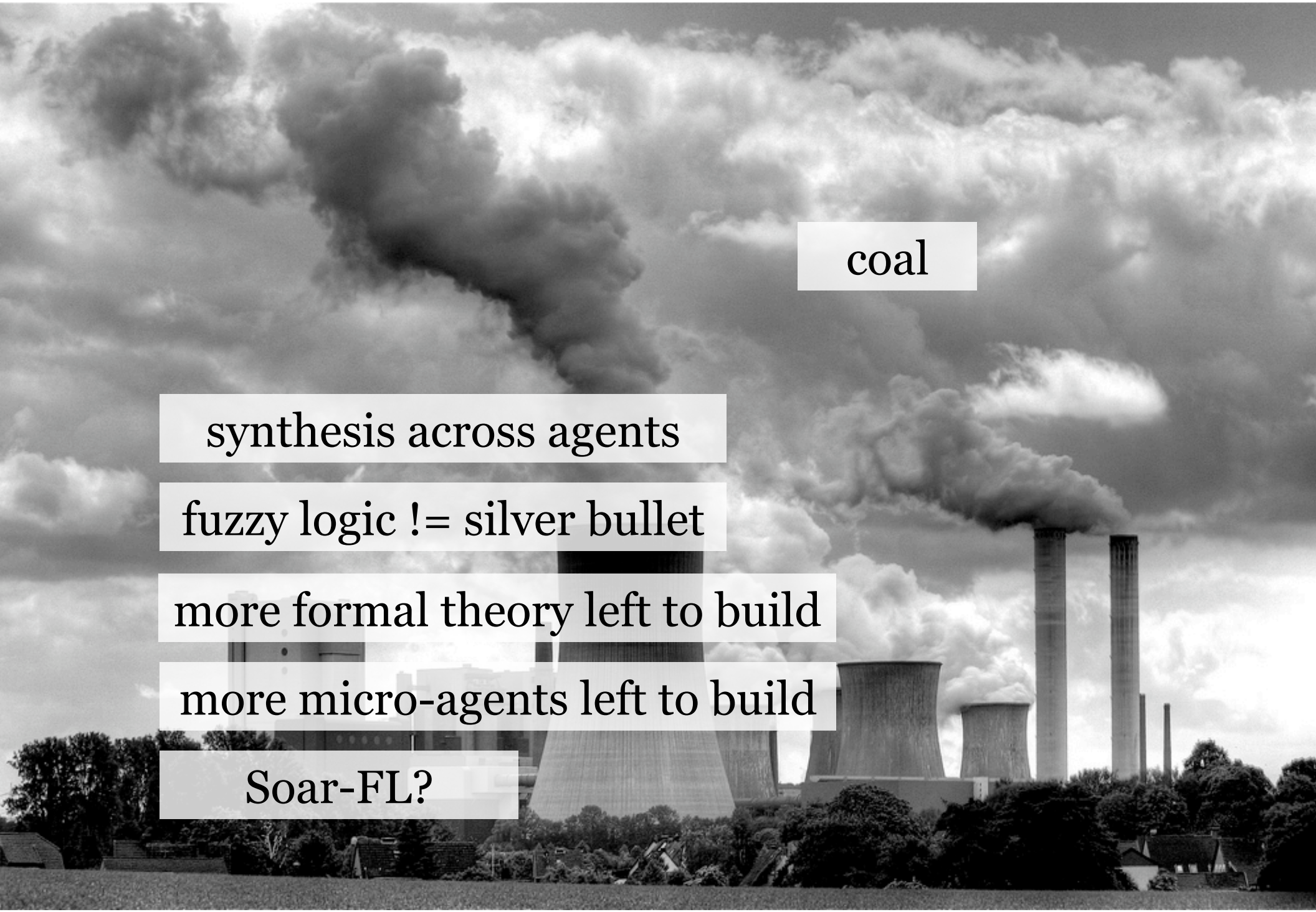
	Wears Crown	Has Sword	Drinks Rum	Has Beard
King	1	0.75	0.4	0.6
Pirate	0.1	0.9	0.9	0.8
Ninja	0	0.8	0.1	0.1
Wizard	0	0.3	0.2	0.75

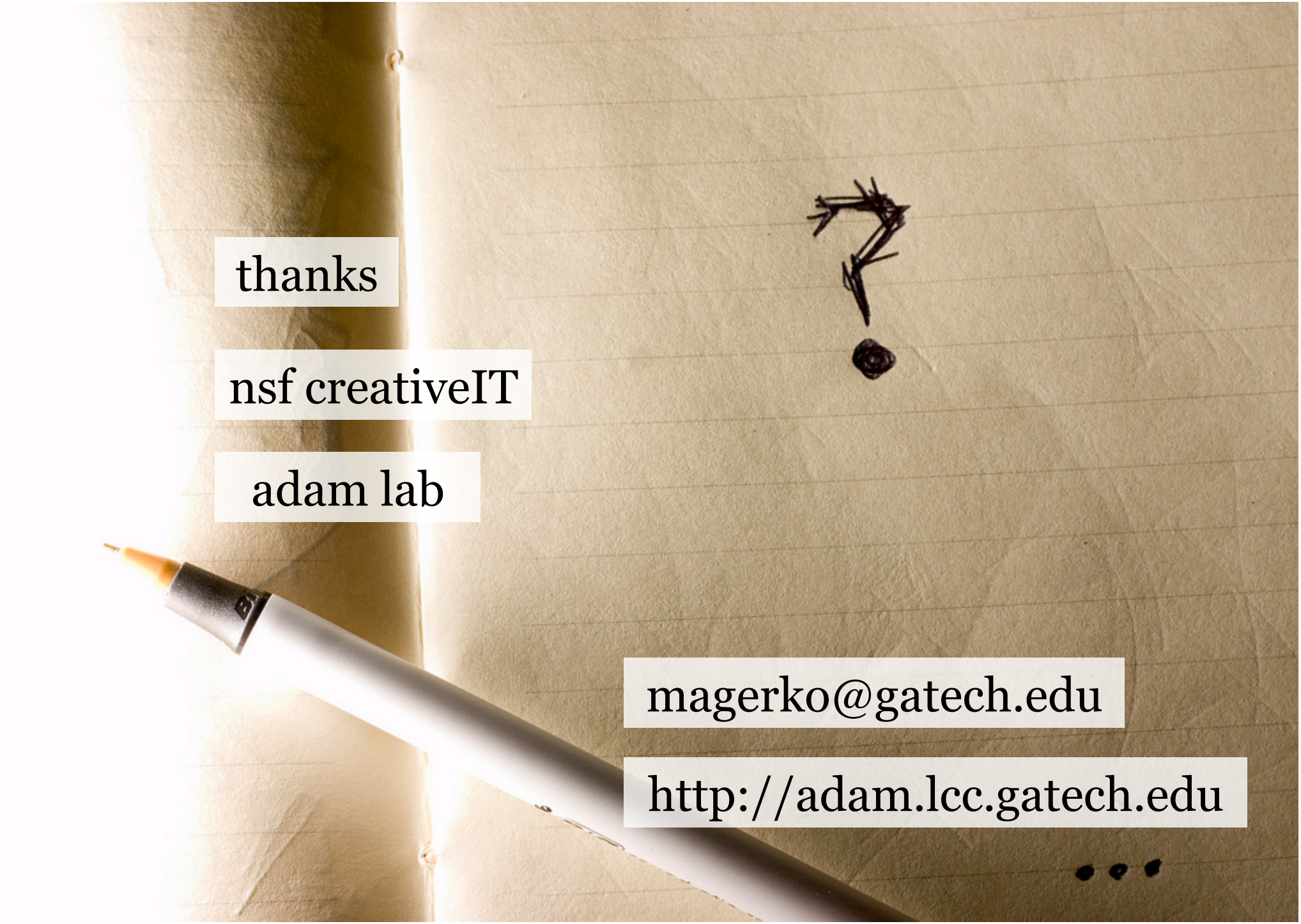
micro-agent
examples
© Soumya




Select Character
King
Interesting
0
10
20
30
40
50
60
70
80
90
100
Technique
Opposing
Generate Character


nuggets
implementation
Soar used in narrative development
fuzzy logic useful across agents


coal
synthesis across agents
fuzzy logic != silver bullet
more formal theory left to build
more micro-agents left to build
Soar-FL?


thanks
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