On Collective General Intelligence

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AGI
IN RUSSIAN

https://facebook.com/groups/agirussia
https://t.me/agirussia
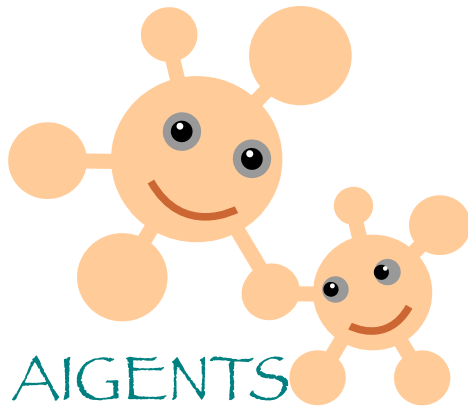
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Novosibirsk State University
*THE REAL SCIENCE
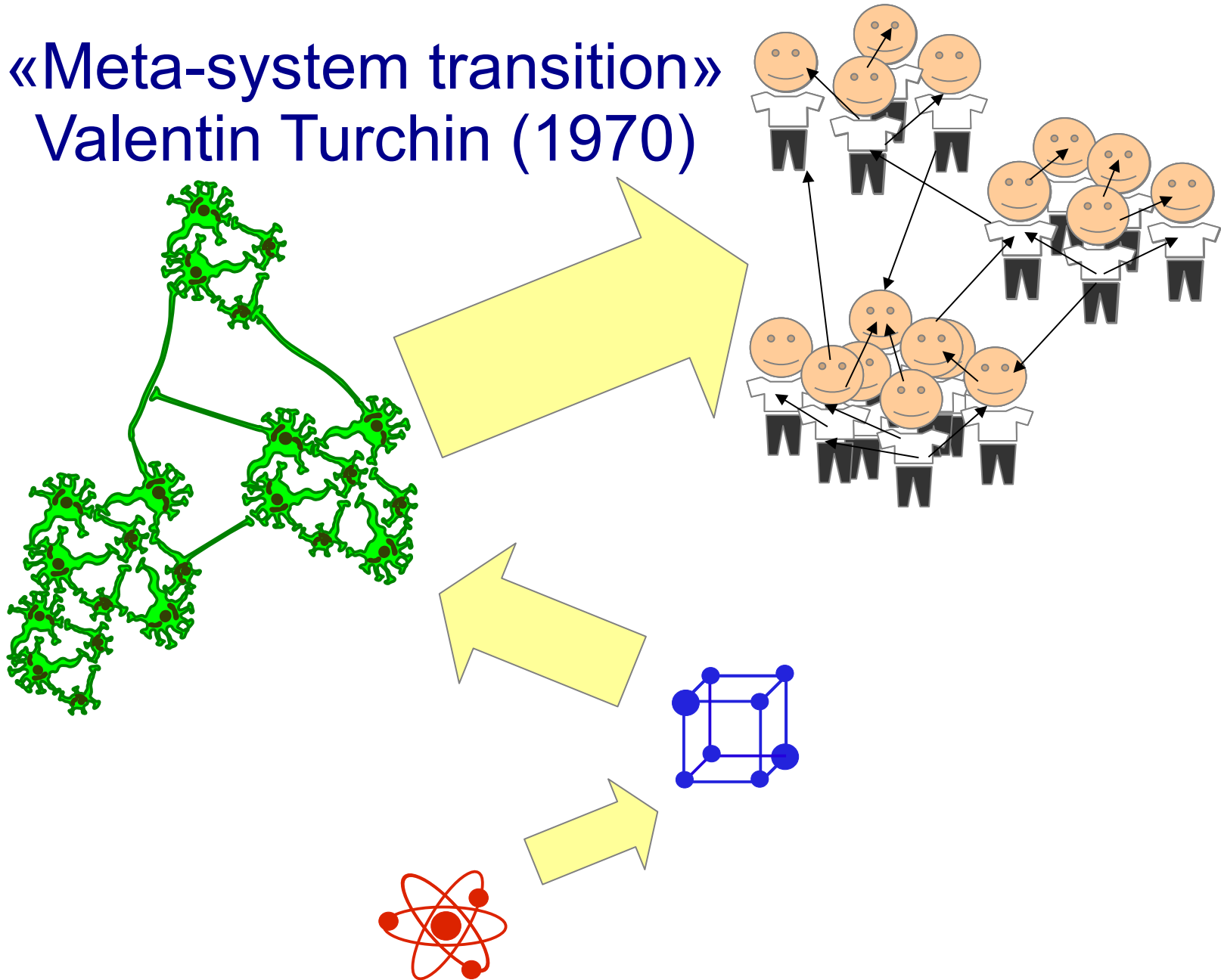
SingularityNET
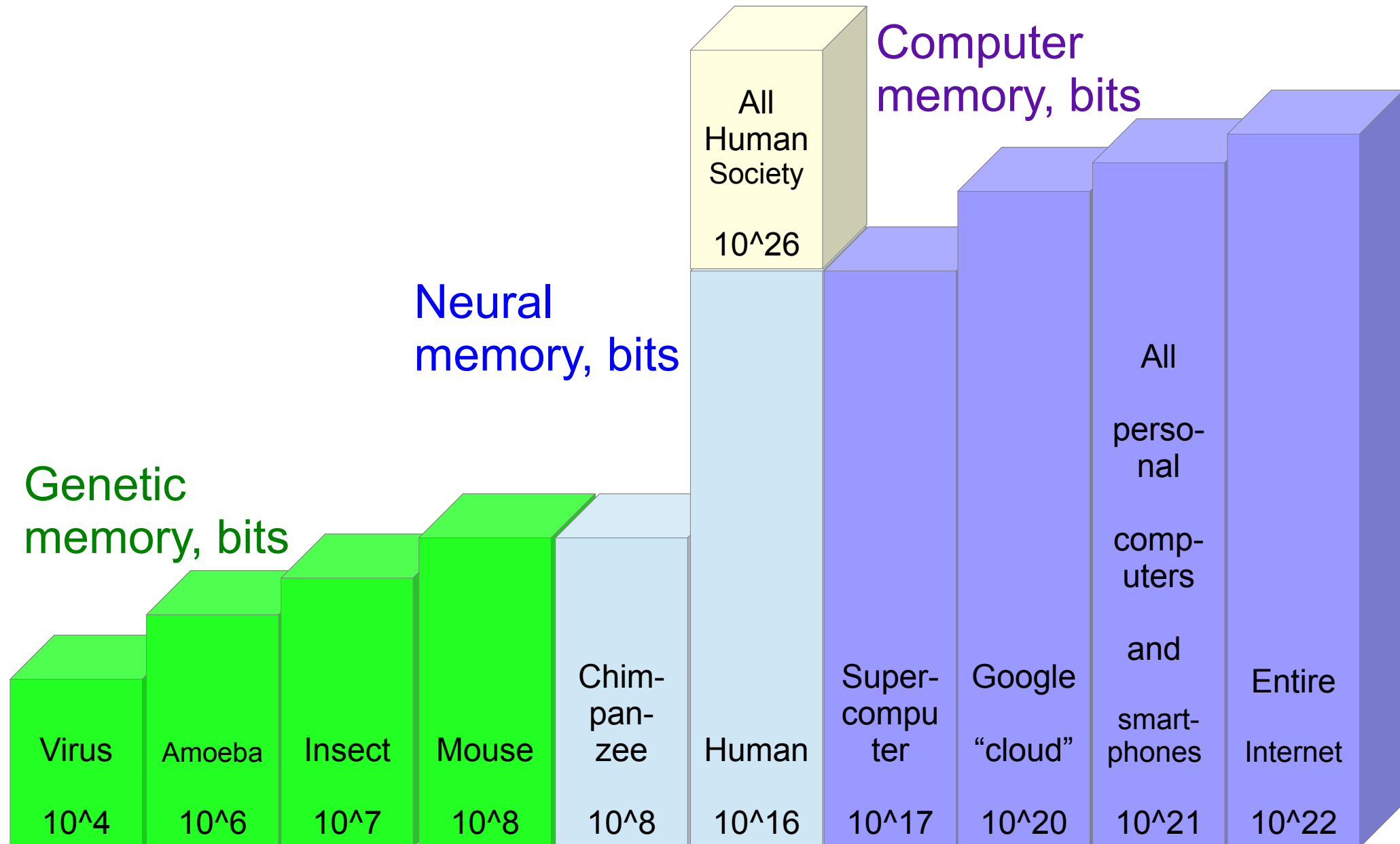https://singularitynet.io

Co-Evolution of Social Complexity
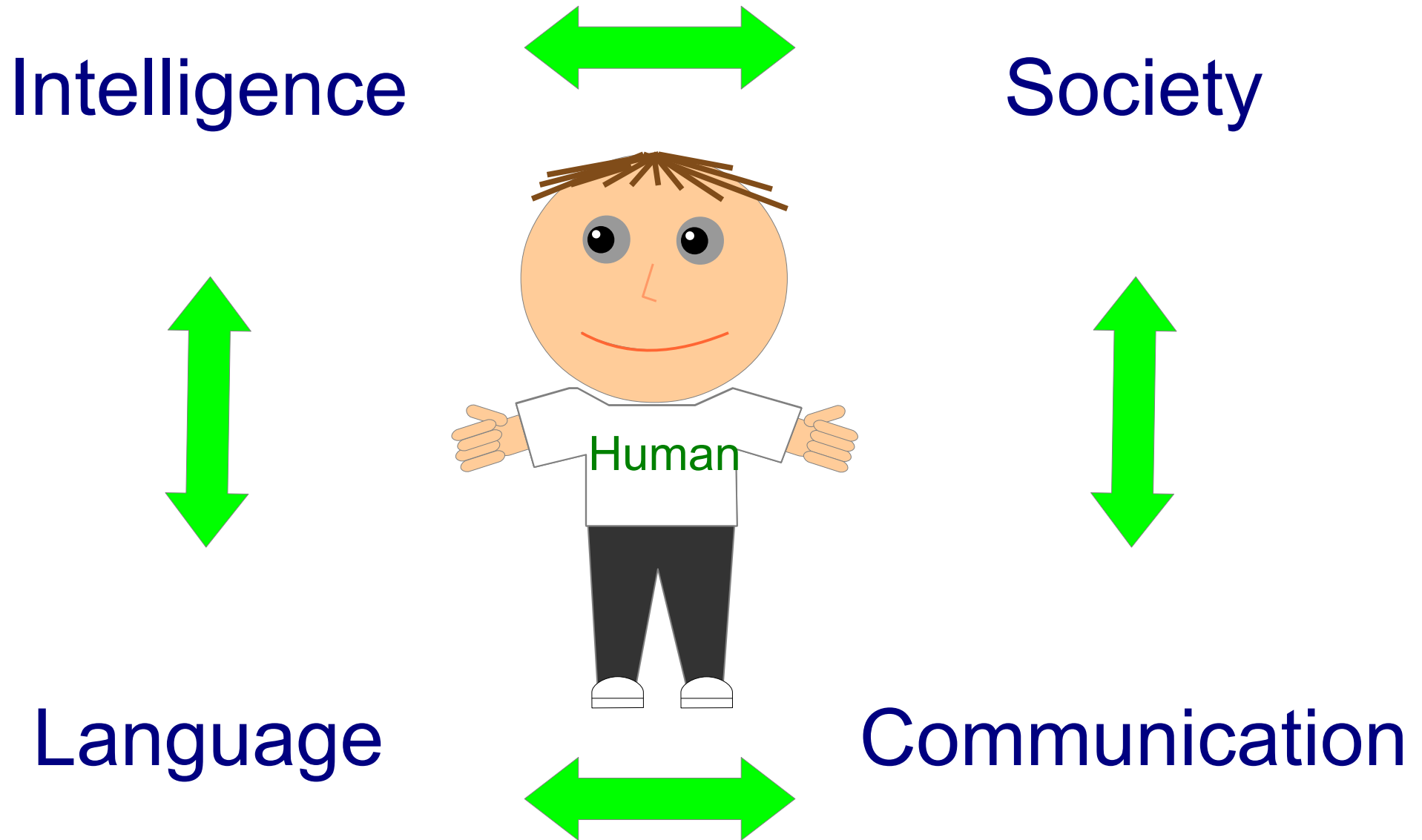
Evolutionary Perspective – from Simplest to Complex

«Meta-system transition»
Valentin Turchin (1970)

Growth of information storage capacity

All Human Society
10^26

Computer memory, bits

Neural memory, bits

Genetic memory, bits

Virus	Amoeba	Insect	Mouse	Chimpanzee	Human	Supercomputer	Google "cloud"	All personal computers and smartphones	Entire Internet
10^4	10^6	10^7	10^8	10^8	10^{16}	10^{17}	10^{20}	10^{21}	10^{22}

Growth of working memory capacity

Size
(of "working memory")
matters!

Mental Productivity,
Collaboration Tools
?
(depends on media)

Human

5-9

Supercomputer

???
(depends on
software)

Mouse 1-2

Chimpanzee
2-3

Food
- good

Stick
- banana
- food

There is something
out there similar to
anything that have
been known so far.

Co-Evolution of Social Complexity

Intelligence

Society

Culture

Language

Communication
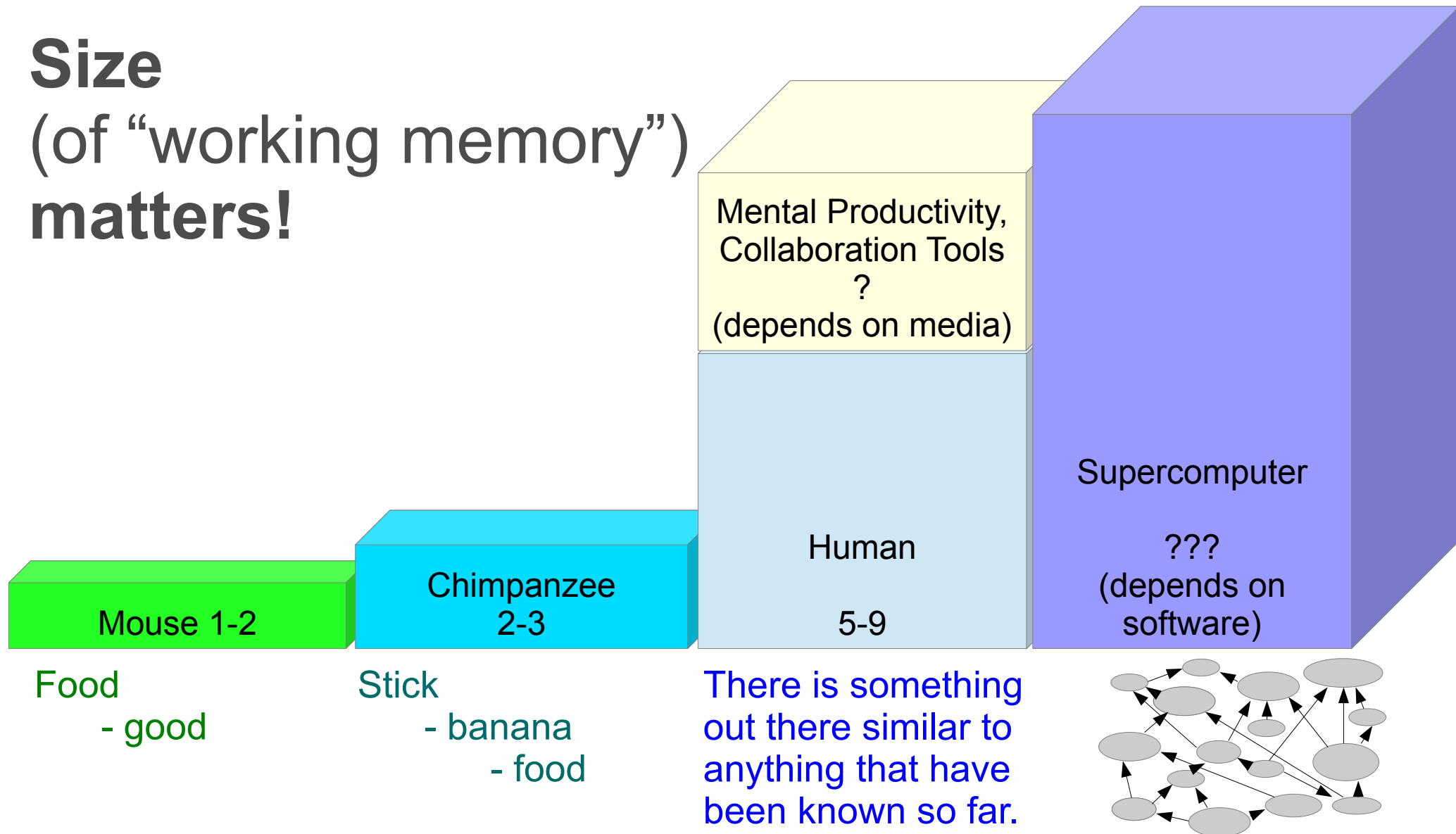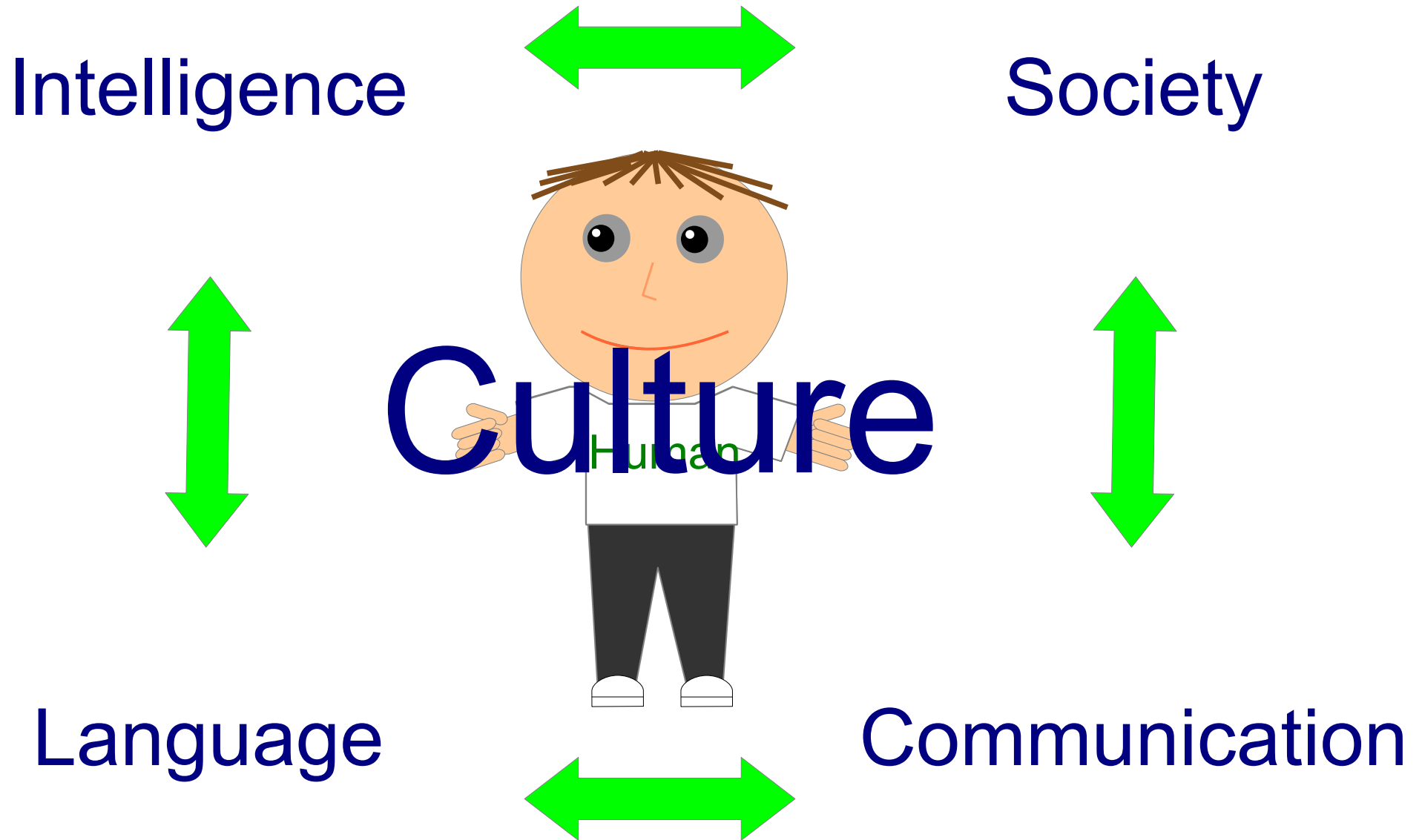
Elements of Intelligence

Society (of Mind+)

Model

Subject

Language

Culture

Elements of Intelligence++
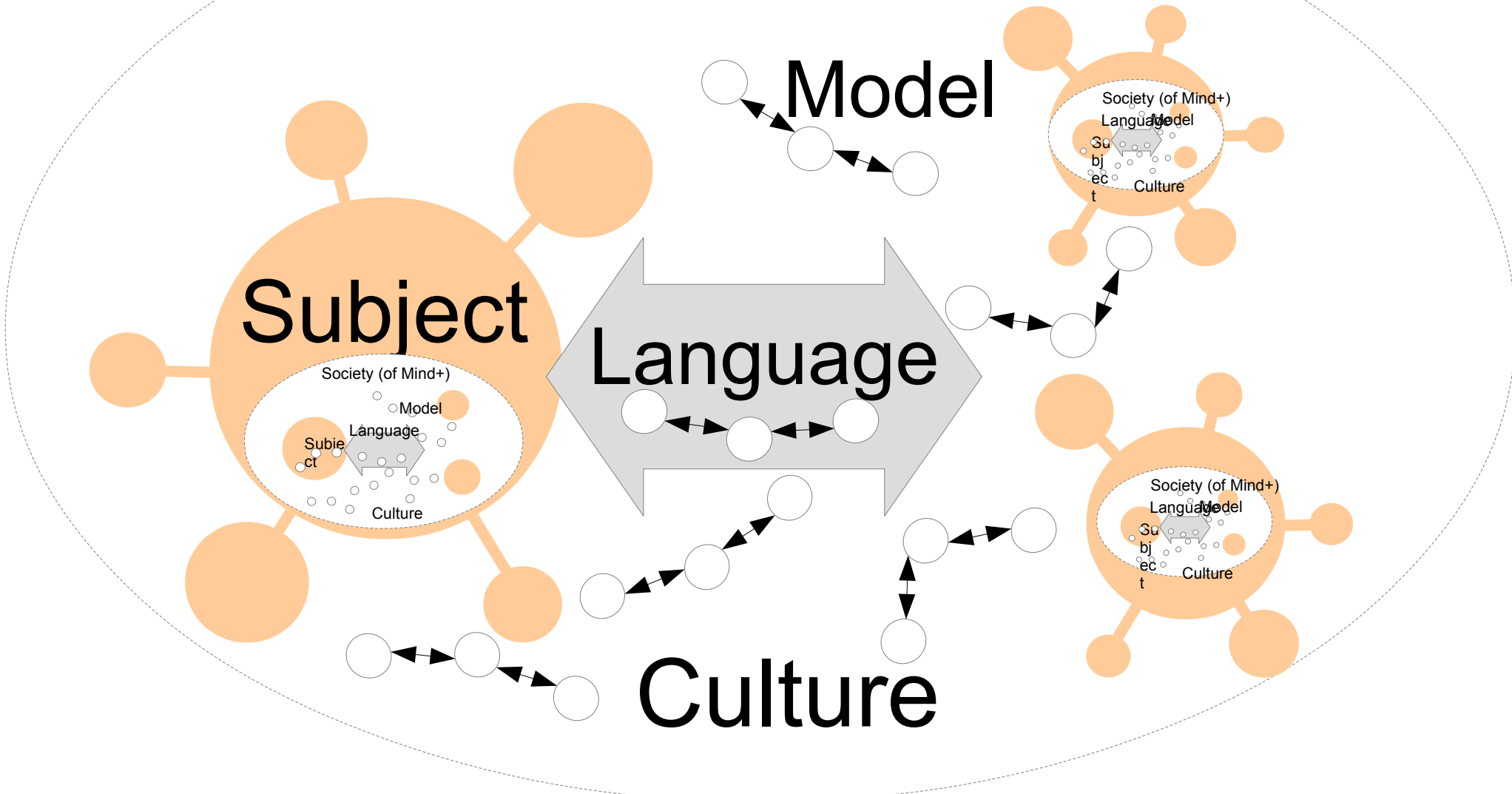
Social Computing

Humans as a nodes in a computer network
Inner images of outer selves

Social Graph
Semantic Network
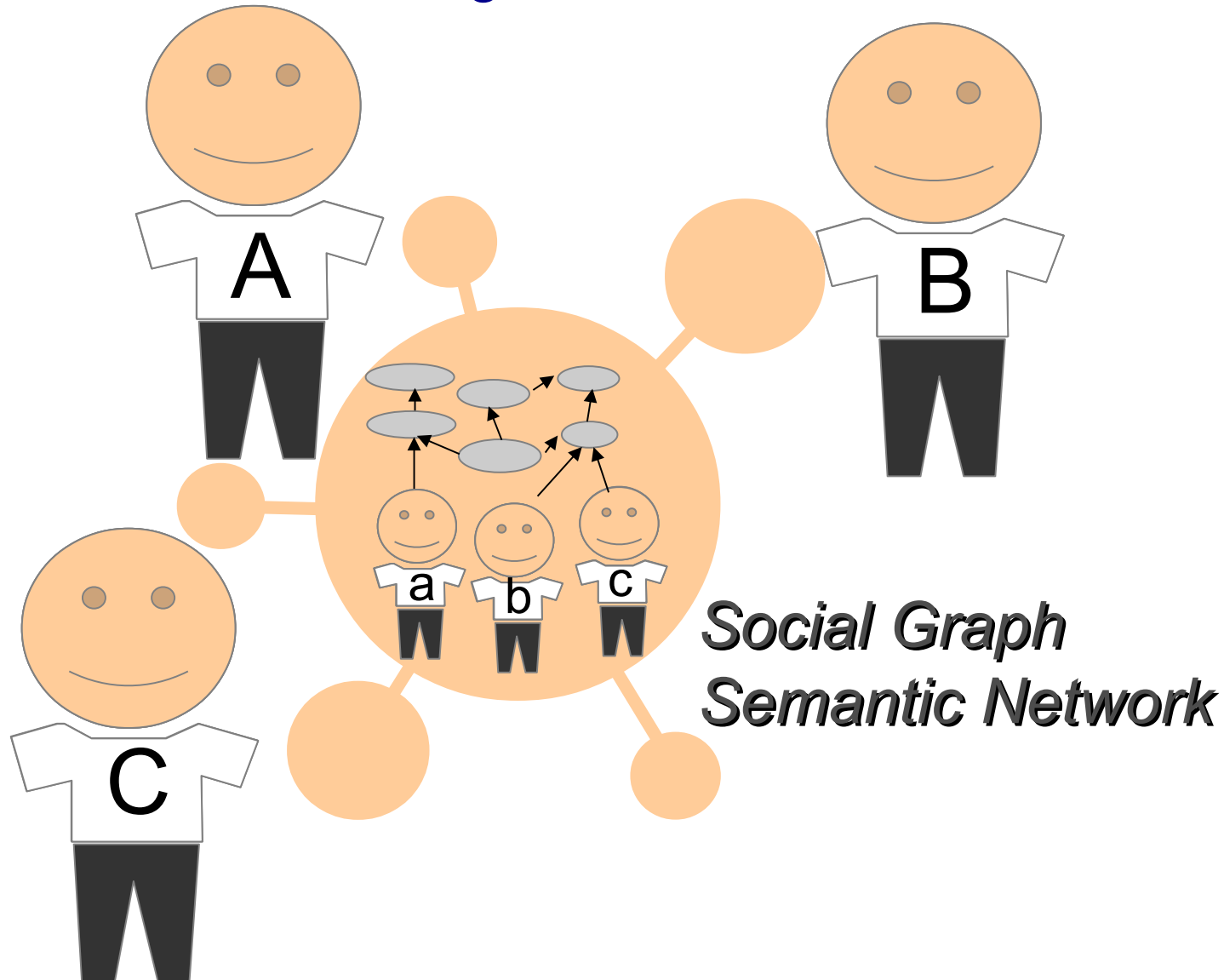
Social Networks as Social Computer Executing the "Global Brain" program
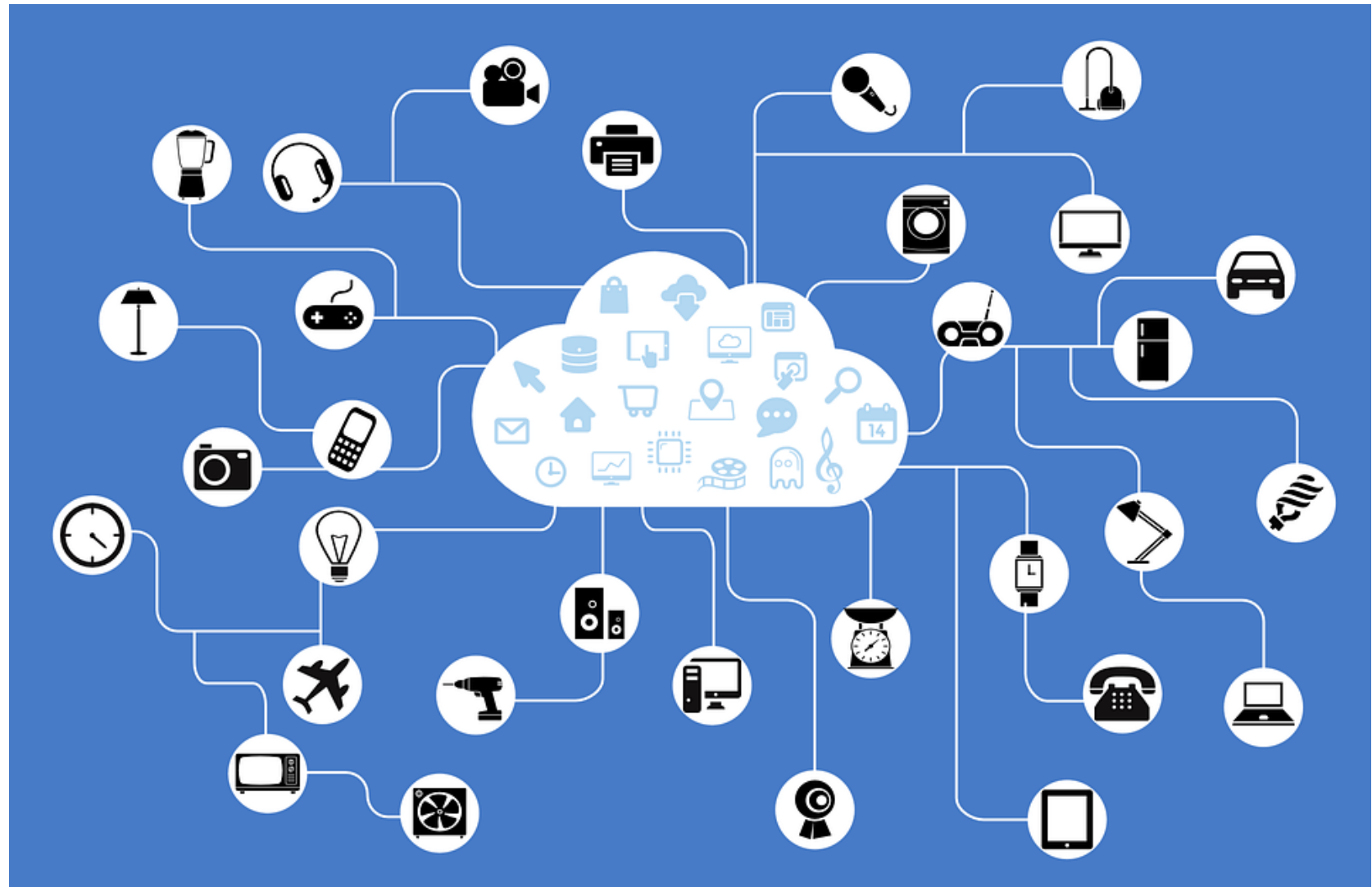

Google Search, Knowledge Graph, Youtube

Facebook

Others

Others

10
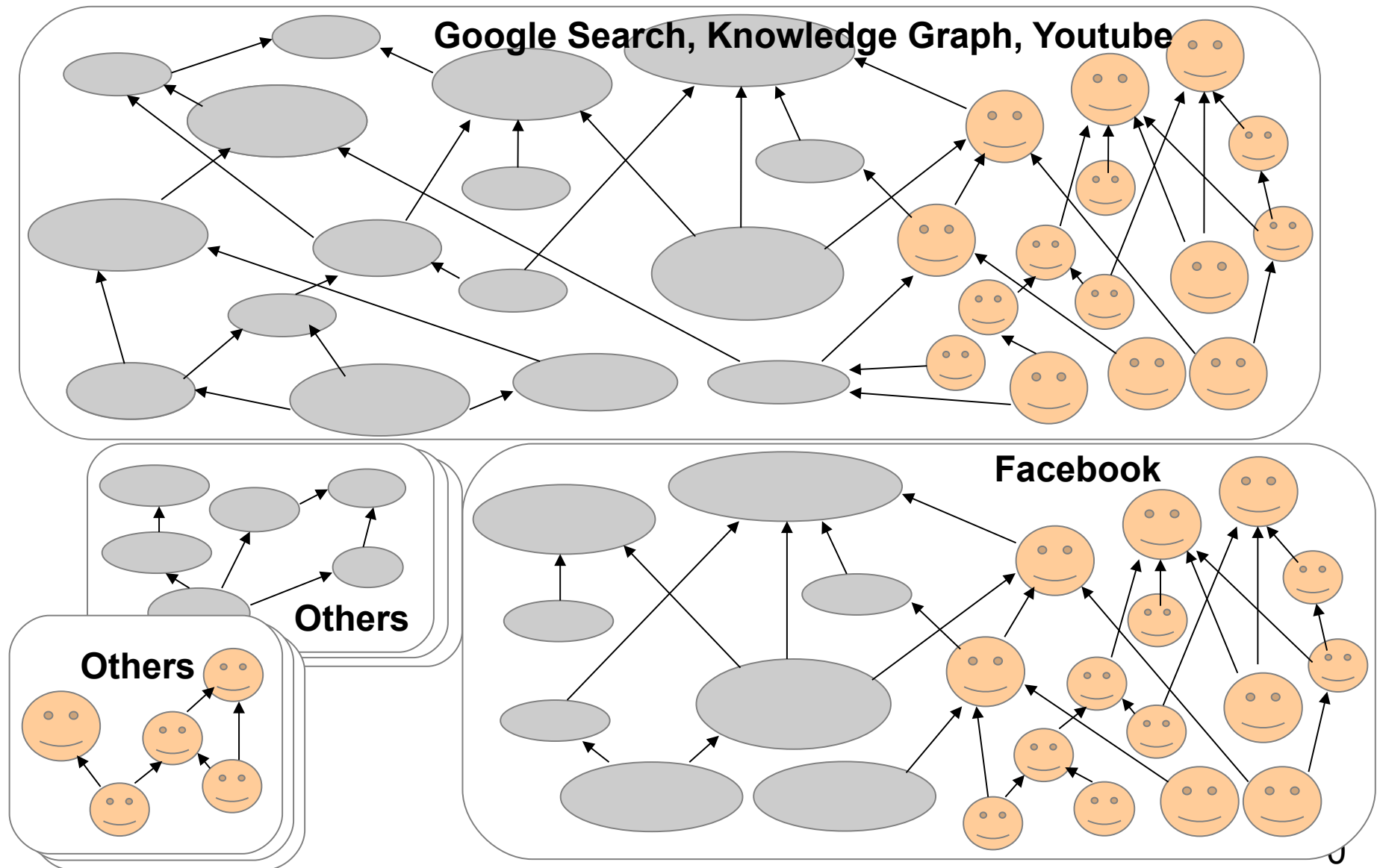
People connected to "Global Brain" monthly:
Google+Facebook – worldwide, Telegram – worldwide
WeChat+Baidu+QQ - in China

200 million

2-3 billion
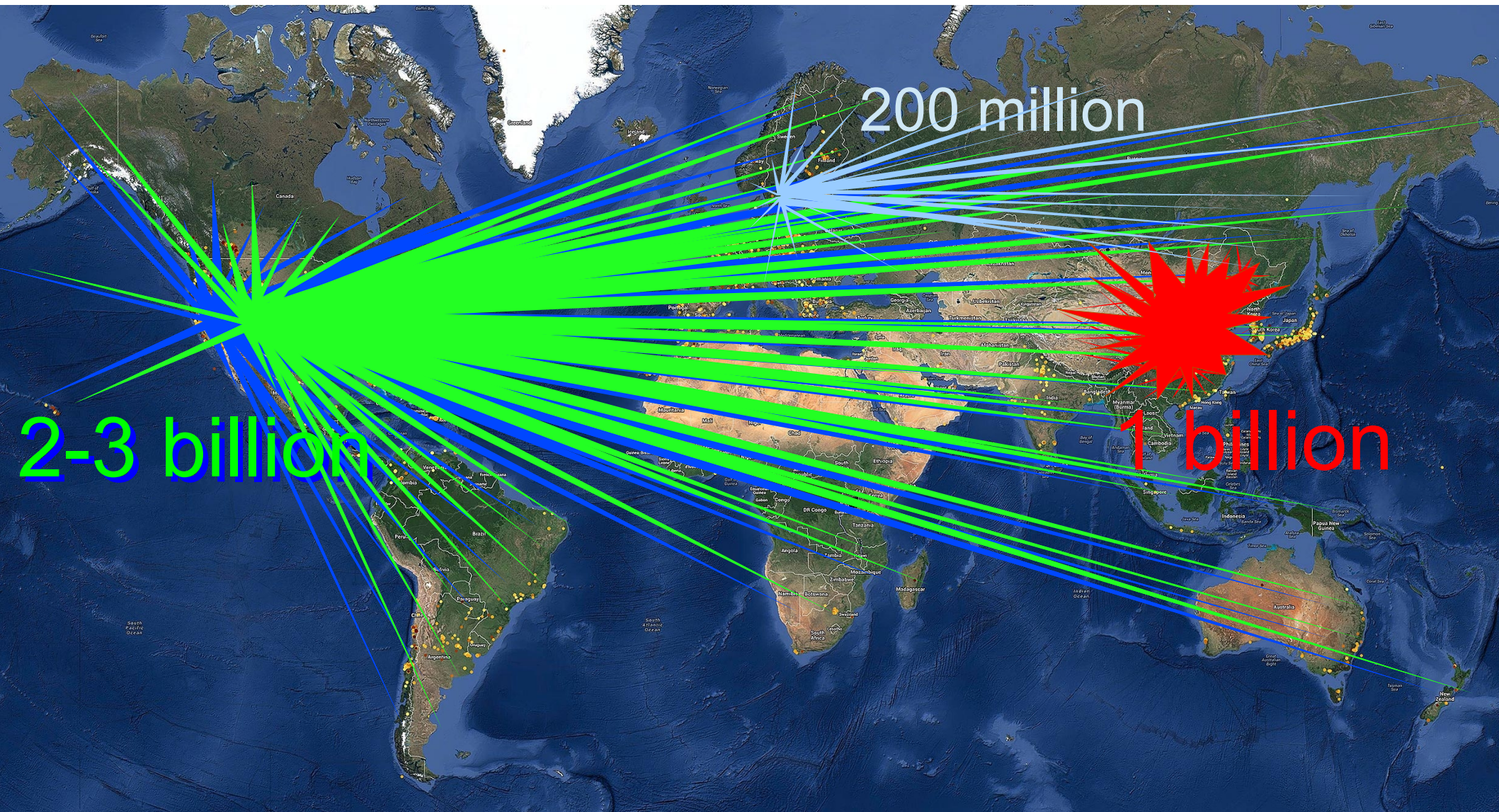
1 billion

World-wide social network of 7.5 billion humans, is accompanied with 15 billion IoT devices in 2018 with many of them supplied with AI in the next years

Architecture of collective intelligence and social engineering in online environments

Online environment

Profiling & Monitoring

"Soft manage-ment"

Manipulation & Social engineering

Posts and Comments

Search Queries

Status And Location Changes

Emails

Chats

Search Results

Push Notifi-cations

Human community
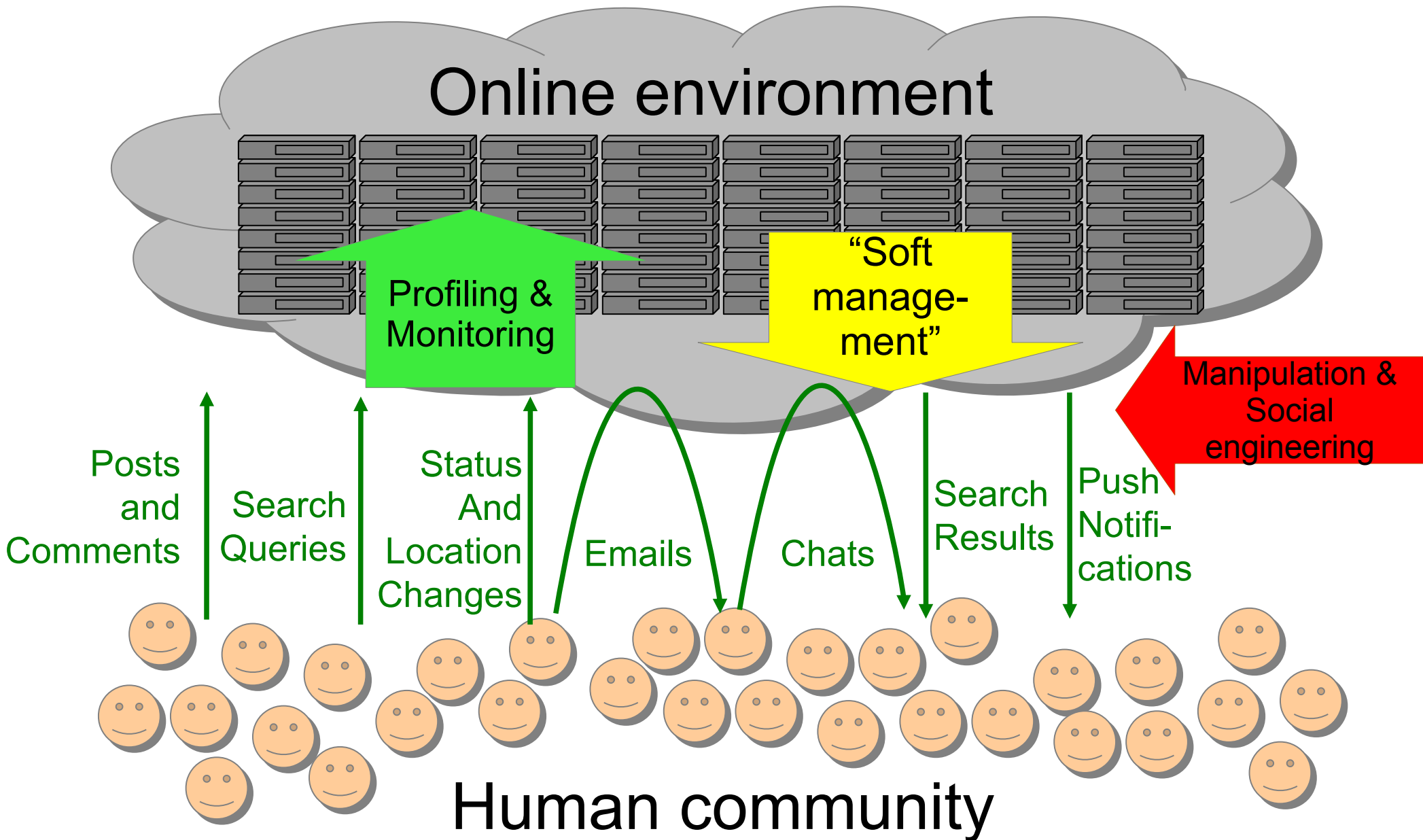
Possible Future Scenarios

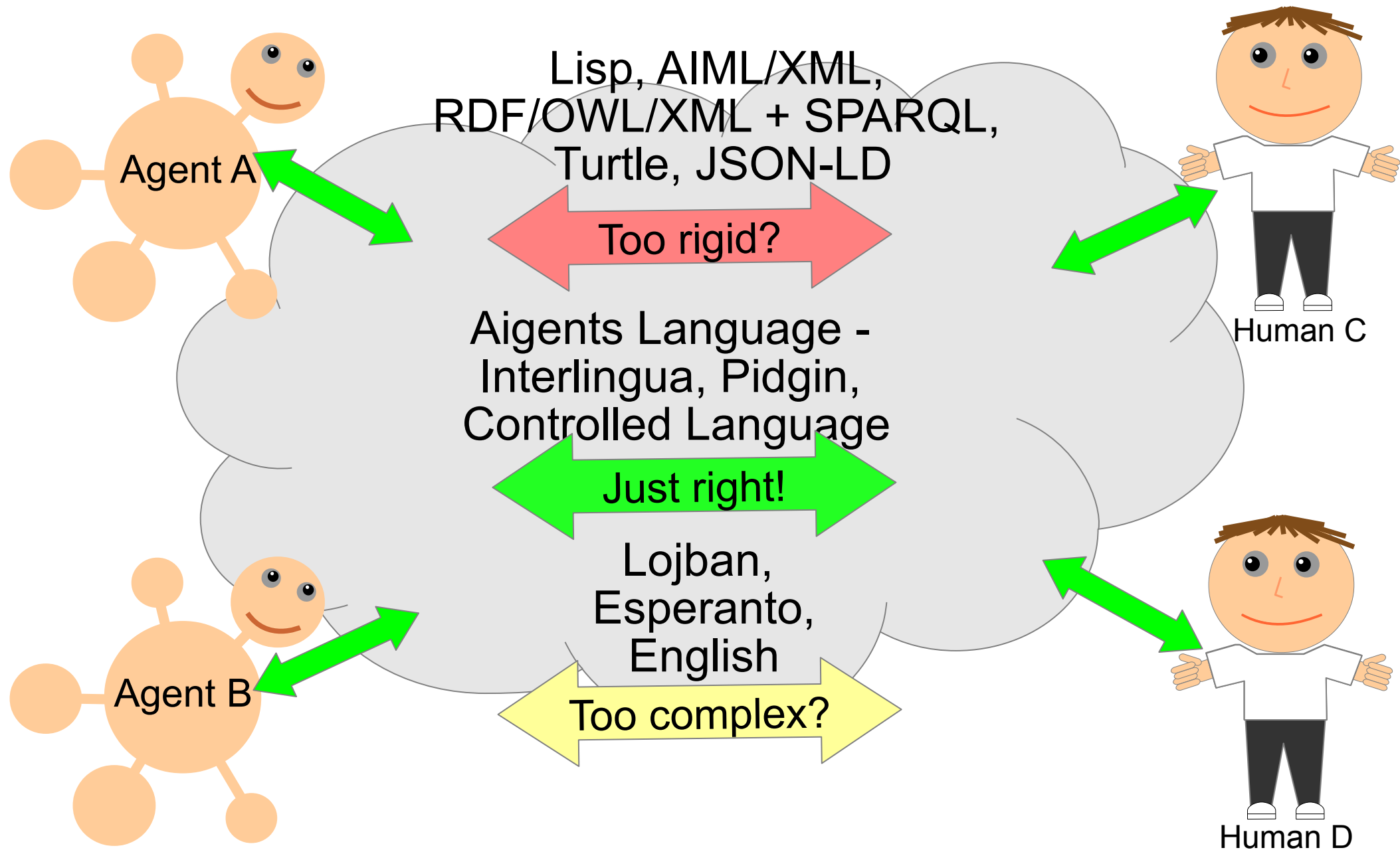|	
10-100 years	Evil and/or dumb AI kills people because of people's negligence
50-200 years	People will split the humanity with help of AI
100-500 years	AI will help people to degrade as a civilization
500-5000000000 years	AI will save our civilization at post-humanity level

https://zen.yandex.ru/media/id/5f8c4c1d260bb44a15718921/unichtojat-li-chelovechestvo-roboty-i-esli-unichtojat-to-kak-5f8c4df0a70d4515e71cde9e

Aigents® as an Multi Agent AI Platform

Lisp, AIML/XML,
RDF/OWL/XML + SPARQL,
Turtle, JSON-LD

Too rigid?

Aigents Language -
Interlingua, Pidgin,
Controlled Language

Just right!

Lojban,
Esperanto,
English

Too complex?

Agent A

Agent B

Human C

Human D

Aigents® Open Source Platform

Social and Media Intelligence for Business integrates heterogeneous social and online media sources, blockchains, and payment systems, coupling them with artificial intelligence to find and track changes in the field of information to let its force be with you.
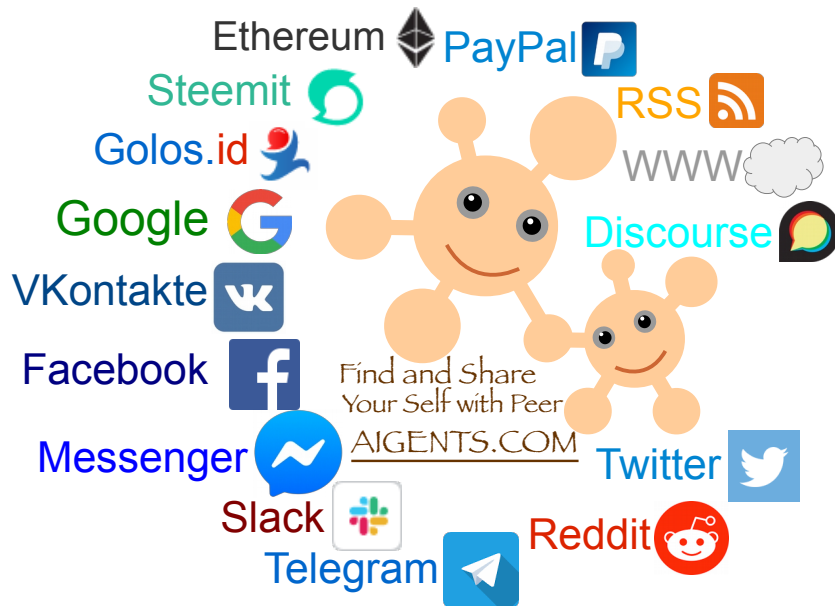
Personal Artificial Intelligence serves as a magic glass and crystal ball in the world of social and online networks to recognize people's preferences, find what they need, and help managing their connections.

Thank you! Stay in touch...

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Golos.io: https://golos.io/@aigents
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Telegram Messenger: @AigentsBot

Find and Share
Your Self with Peer

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