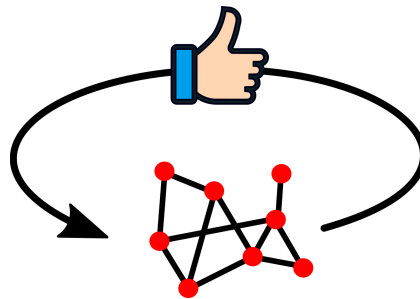# AGI business ideas

March 26, 2021
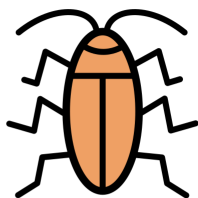

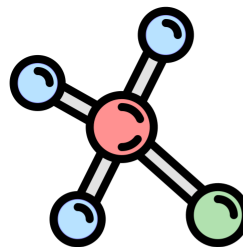$$(0.0.1)$$

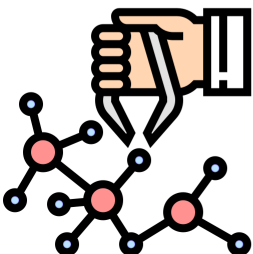输入法 / Grammarly · web crawler · molecular · cell biology
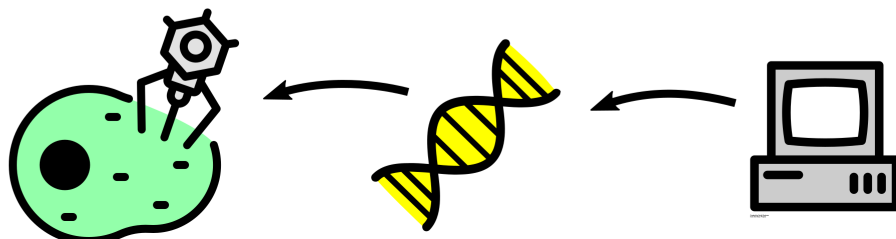

$$(0.0.2)$$

nanotech · by simulation, evolve nanobots that perform specific functions

Use **language** to describe states, goals, relations.

language model

(0.0.3)

Actions can change the state which is described by language.

What kind of domain is described by language,
with computer actions affecting states?

- robotics

- markets

- social networks

- even biotech

- indeed, all domains!

关键是 电脑 perform actions 之后，有沒有 (externally?) 即時 update 的 NL description?

BERT demonstrated that **explicit** rewards are not really required. Learning could be unsupervised, based on **explaining**.

所以重点是：不斷有 NL description update the state.

If there is NL description, where does it come from? Indeed, the ability of machines to generate NL descriptions from non-verbal environment probably does not exist. It would have to be either from humans or **gradually learned**.

It's highly unlikely that there are humans who continually update NL descriptions. So we are only left with option 2: **gradually learn NL descriptions**.

References