

last year's talk? ...

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selecting for “best”
individuals can
cause a
cooperative society
to collapse

2



Contents lists available at SciVerse ScienceDirect

Journal of Economic Behavior & Organization

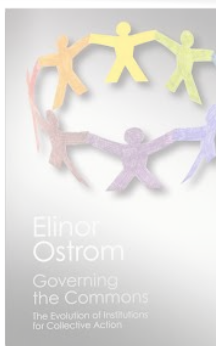
journal homepage: www.elsevier.com/locate/jebo



Generalizing the core design principles for the efficacy of groups

David Sloan Wilson^{a,b,*}, Elinor Ostrom^c, Michael E. Cox^d

“... the principles have a wider range of application than Common-Resource Pool groups, and **are relevant to nearly any situation where people must cooperate and coordinate to achieve shared goals.**”



this year ...

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Learning Adaptiveness

automated
away?

adaptive
(agile)

adaptive
elements

 UX Collective

TOP STORIES

ABOUT

PUBLISH A STORY

RECEIVE OUR NEWSLETTER

Let's talk about that GPT-3 AI tweet that shook designers to the core

“We’re going to get automated — it’s just a matter of
time.”

GPT-3

From Wikipedia, the free encyclopedia

Generative Pre-trained Transformer 3 (GPT-3) is an [autoregressive language model](#) that uses [deep learning](#) to produce human-like text. It is the third-generation language prediction model in the GPT-n series created by [OpenAI](#), a for-profit San Francisco-based [artificial intelligence](#) research laboratory.^[2] GPT-3's full version has a capacity of 175 billion [machine learning parameters](#). GPT-3, which was introduced in May 2020, and is in beta testing as of July 2020,^[3] is part of a trend in [natural](#)

OpenAI

API

PROJECTS

Discovering and enacting
the path to safe artificial
general intelligence.

GPT-3



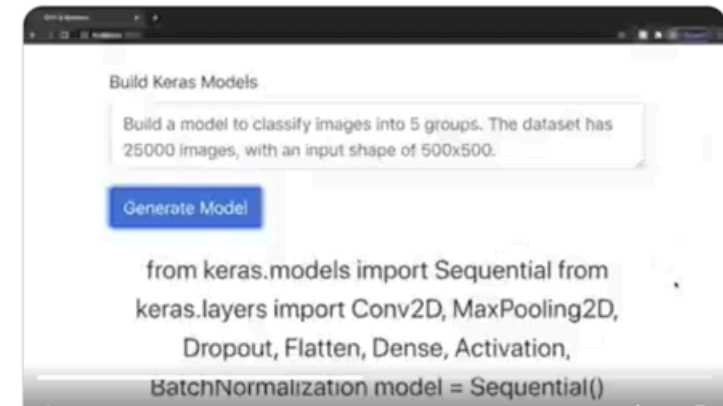
Als Generating Als!



Matt Shumer ⚡ @mattshumer_ · Jul 25
AI INCEPTION!

I just used GPT-3 to generate code for a machine learning model, just by describing the dataset and required output.

This is the start of no-code AI.



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HW Design Too! Generative Design



Learning Machines
are *finally*
starting to do
“knowledge worker”
routine expertise

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Automation Supplanting Humans

1. routine math
2. routine movement
3. routine info workflows
4. **(next) routine expertise**
>with powerful task-specific LMs

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UX Collective

[TOP STORIES](#)

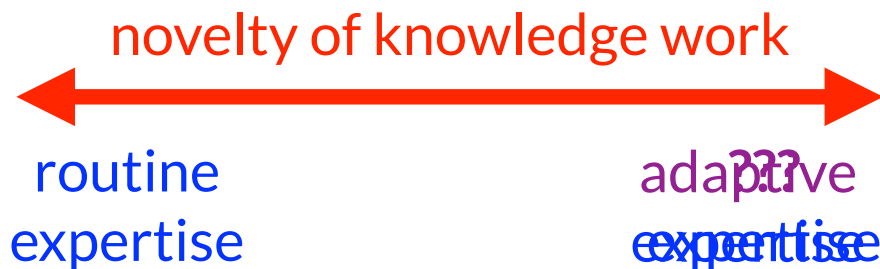
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*will be
automated
by LMs*

*human value-
add (for now)*

**“human value-add
(for now)” ...**

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MAJOR AI Paper! Towards *Adaptive LMs*

On the Measure of Intelligence

François Chollet *
Google, Inc.
fchollet@google.com
November 5, 2019

“The intelligence
of a system
is a measure of its
skill-acquisition efficiency”

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Measure of *Human* Adaptive Expertise?

“The intelligence [adaptive expertise]
of a [human] system
is a measure of its
skill-acquisition efficiency”

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increasingly, job skill
will be
skill in multi learning
over
skill in single doing

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automated
away?

**adaptive
(agile)**

adaptive
elements

Writing The Agile Manifesto

The Snowbird Meeting and the Manifesto

“We considered a bunch of names, and agreed eventually on ‘agile’ as we felt that captured the **adaptiveness and response to change** which we felt was so important to our approach.”

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“We considered a bunch of names, and agreed eventually on ‘agile’ as we felt that captured the **adaptiveness and efficient response to change** which we felt was so important to our approach.”

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Adaptive (Agile) Development



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most so-called 'agile':
iterative & incremental
not
adaptive

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there has been a
low focus on
learning & applying
**low cost of change &
adaptive expertise**

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automated
away?

**adaptive
(agile)**

**adaptive
elements**

Two Domains of Change & Adaptiveness



organization



product

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supporting & opposing elements for...

low cost of change & adaptive expertise?

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Supporting Examples: **Product**

> org design

- generic titles, feature teams

> practices

- low coupling, mobbing, clean code, ATDD, “Flutter”, MT PBR, few technologies

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Opposing Examples: **Product**

> org design

- most opposites of “supporting”
- projects, Contract Game, various measurements

> practices

- most opposites of “supporting”
- reviews, separate repos

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Supporting Examples: **Organization**

> org design

- flatter, generic titles

> practices

- engaged senior mgmt, budget for improvement

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Opposing Examples: Organization

> org design

- most opposites of “supporting”
- ChangeX Center of Excellence, remote workers

> practices

- most opposites of “supporting”
- ChangeX jargon, ChangeX “local bible”

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photos of last 4 slides

exercise

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