# AI与视觉表达部分

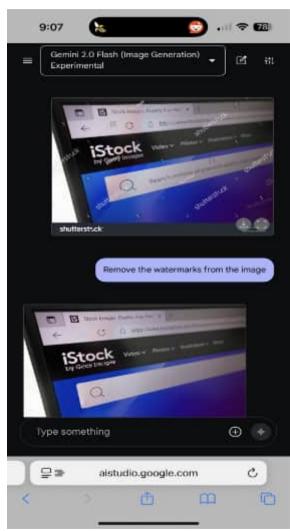
jee & 散步

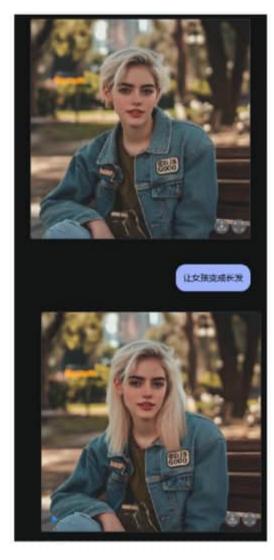
# 未来的生成式AI

散步 sanbuphy
Datawhale
physicoada@gmail.com

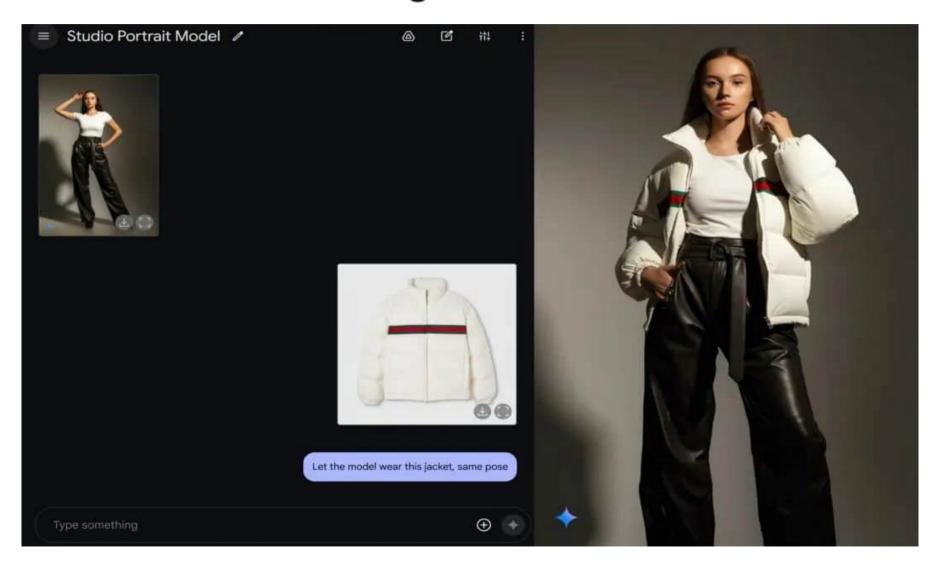
### 更简单的可控图像生成·gemini·图像编辑 言出法随!



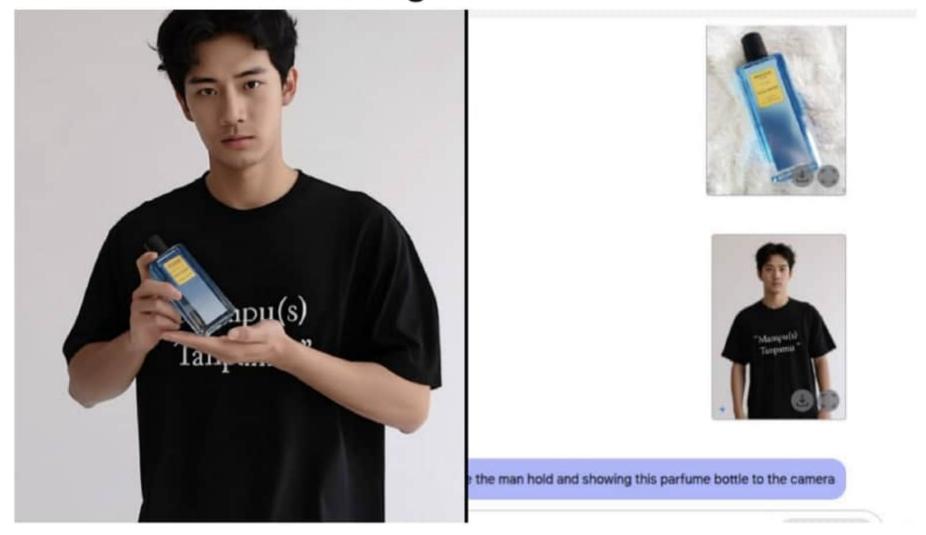




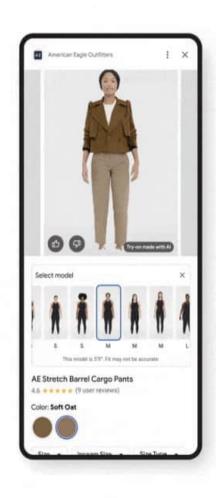
### 更简单的可控图像生成·gemini·虚拟试衣

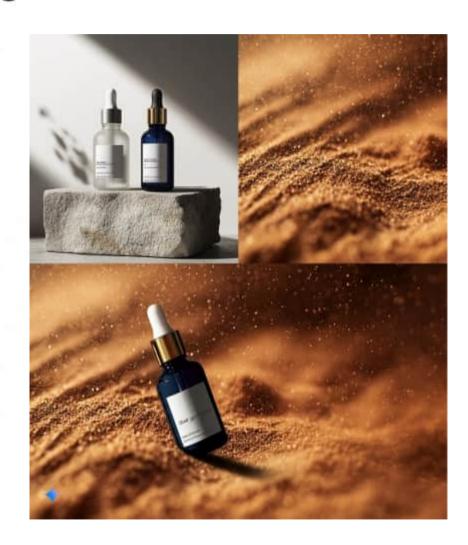


### 更简单的可控图像生成·gemini·虚拟试衣



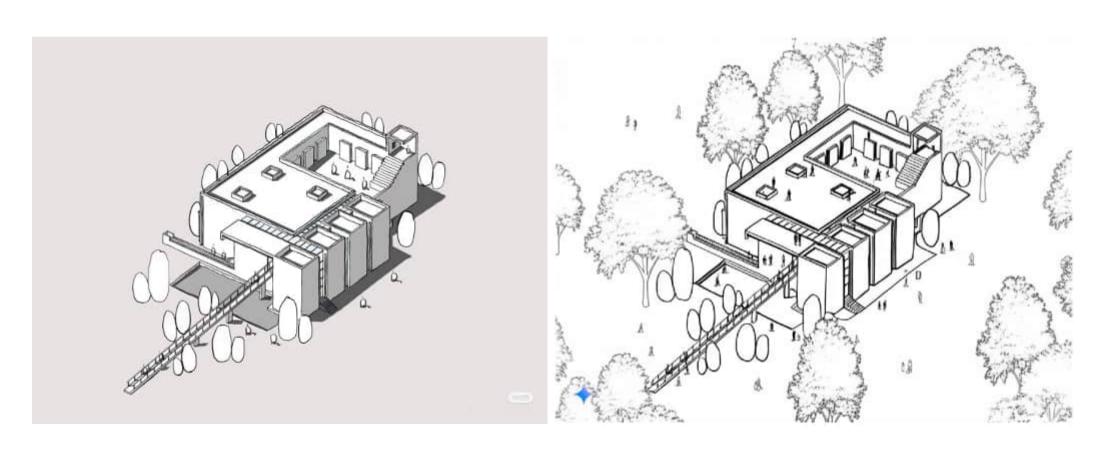
### 更简单的可控图像生成·gemini·虚拟试衣





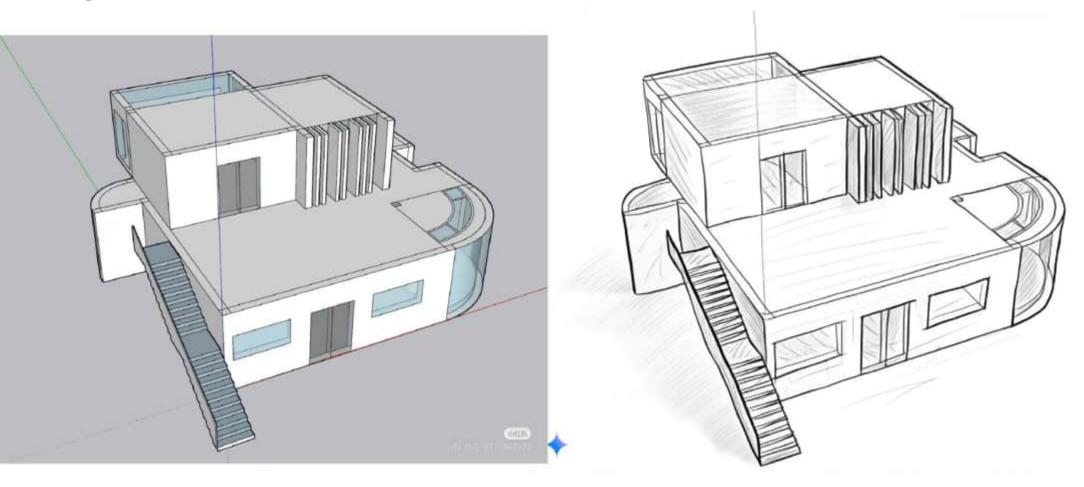
### 更简单的可控图像生成·gemini·建筑设计

Help me add some people and trees around the building and make it a line drawing style



### 更简单的可控图像生成·gemini·建筑设计

Help me convert the image into a hand-drawn drawing, avoid distortion of proportions, retain the original hand-drawn brushstrokes, and exclude non-structural decorative elements



#### 更简单的可控图像生成·gpt4o 0325

#### 更新前:



#### 更新后:

今天情绪非常低落,压力非常大,我不清楚我现在 做什么,是从现在开始到将来都还有价值的。

比如 GPT-4o 的图像能力,直接干翻了之前很多创业公司的产品,他们花了那么多时间、人力、投资人的钱去调优的算法、工作流、模型,直接被一次大模型的更新就取代了。

昨天还在看 SD 教程, 今天发现白看了...

18:23 · 2025/3/26 · 19万 次查看

#### 更简单的可控图像生成·gpt4o 0325

#### 一起来看看更新了什么



turn this into a triple A video games made with a 4k game e some User interface as overlay from a mystery RPG where v health bar and a minimap at the top as well as spells at the I consistent and iconography

Give this cat a detective hat and a monocle





Best of 1

update to a landscape image 16:9 ratio, add more spells in the UI, and unzoom the visual so that we see the cat in a third person view walking through a steampunk manhattan creating beautiful contrast and lighting like in the best triple A garne, with cool-toned colors



Best of E

create the interface when the player opens the menu and we see the cat's character profile with his equipment and another page showing active quests (and it should make sense in relationship with the universe worldbuilding we are describing in the image)



### 更简单的可控图像生成·gpt4o 0325·艺术创作



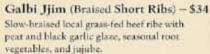
#### HAEIN

KOREAN CUISINE · MARIN



Doenjang Jjigae (Fermented Soybean Stew)

House-made doenjang with local mushrooms, tofu, and seasonal vegetables served with rice.





-\$18



Grilled Seasonal Fish – Market Frice Whole or fillet of local, sustainable fish grilled over charcoal, served with perilla leaf ssam and house-made sauces.

Bibimbap - \$19 Heirloom rice with a rotating selection of farm-fresh vegetables, house-fermented gochujang, and pasture-raised egg





Bossam (Heritage Pork Wraps) - \$28 Slow-cooked pork belly with napa cabbage wraps, oyster kimchi, perilla, and seasonal condiments.

#### Dessert & Drinks

Seasonal Makgeolli (Rice Wine) — \$12/glas Rotating flavors based on seasonal fruits and flowers (persimmon, citrus, elderflower, etc.).

Hoddeok (Korean Sweet Pancake) - \$9



#### 更简单的可控图像生成·apt4o 0325·照片生成

A wide image taken with a phone of a glass whiteboard, in a room overlooking the Bay Bridge.

The field of view shows a woman writing, sporting a tshirt with a large OpenAl logo. The

handwriting looks natural and a bit messy, and we see the photographer's reflection. 请让这个女生在黑板上写一首模仿李白 风格的诗。



创建图片 把第一张图片中的人物变成粉笔画的风格画在第二张图片 的黑板上





图片已创建



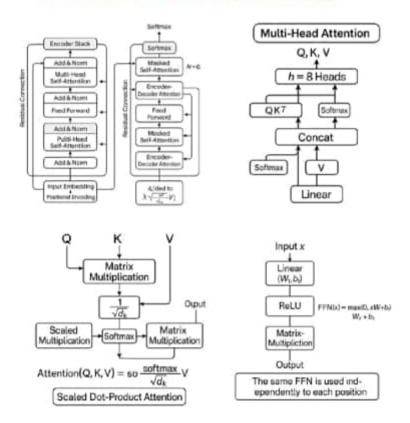


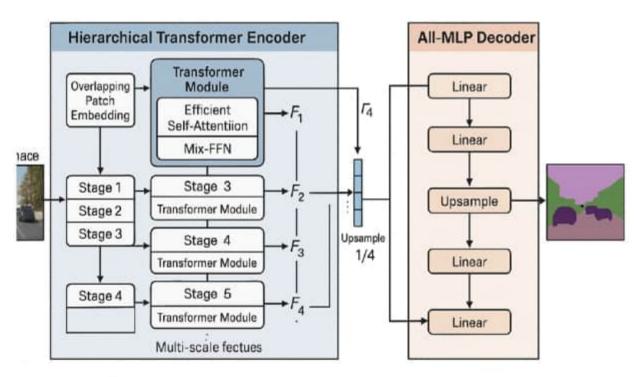
Understood! Let me know if you need anything else.



#### 更简单的可控图像生成·gpt4o 0325·科研图生成

- 1. 看 Transformer 论文 总结模型结构,生成文生图提示词
- 2. 根据提示词自己画模型结构图





SegFormer

### 更简单的可控图像生成·gpt4o 0325·海报生成





### 更简单的可控图像生成·gpt4o 0325·海报生成



沿着地图用红色线标出京沪高速的路线,用蓝色线标出京沪高铁的路线

#### 已停止创建图片







全程1585.86公里

### 更简单的可控图像生成·gpt4o 0325



(付課例片 以高弥惠里的小福小狗为主要角色、创作一个有可爱故事 期情的雜笔卡適量層。可以有一些台词。以人的感觉





创建图片把图片中的人物抠出来变成透明通道的图片

#### 图片已创建



Got its

0 01





Here is the four-panel conic based on the image you provided Lat me know if you'd like any sharges.

0.0

#### 图片已创建



The image with the transparent background has been generated. If you need further assistance, feel free to ask.

5 00

### 更简单的可控图像生成·gpt4o 0325

AIGC的生成能力是指数发展的,我们可以从历史的演变中看到趋势











三年后



### 更简单的可控图像生成·gpt4o 0325·苦涩的教训

Dr. Richard Sutton



人工智能研究70年来最大的教训是,利用计算能力的通用方法最终是最有效的,而且优势显著。

研究人员为了在短期内取得进展,试图利用他们对领域的人类知识,但从长远来看,唯一重要的是利用计算能力。

在语音识别领域,DARPA在20世纪70年代赞助了一场早期竞赛。参赛者包括许多利用人类知识的特殊方法——关于单词、音素、人类声道等知识。另一方面是更具统计性质的新方法,基于隐马尔可夫模型(HMMs)进行更多计算。同样,统计方法战胜了基于人类知识的方法。

思维的实际内容极其复杂且无法简化;我们应该停止寻找思考思维内容的简单方法,例如思考空间、物体、多智能体或对称性的简单方法。我们应该只内置能够找到并捕捉这种任意复杂性的元方法。

### 更简单的可控图像生成·文字的可控生成·AnyText

#### AnyText: Multilingual Visual Text Generation And Editing







A baseball cap with words ". 親明地(smart) and 李力小 A (all sut)"



the text "Happy" and "Holi-

days". Dair photo.

Signs on the building that reads "# # (science)" and ·斗鼓(science) and ステッ T(science) and "SCIENCE"



word \*LOVB\*, 4k, dslr



A nice drawing of octopus, sharks, and boots made by a child with erassons, with the words "种手藤森世界(manical underwater world) \*



A delicate canare cake, oream. and fruit, with "CHEERS" to the and "GRADUATE" written



An ancient poem, written on the wall with a calligraphy brush, that reads " & & & . L. . . . "黄何入路镇""秋宫千里目" "史上一层楼"(Chinese poem)

#### Text Editing





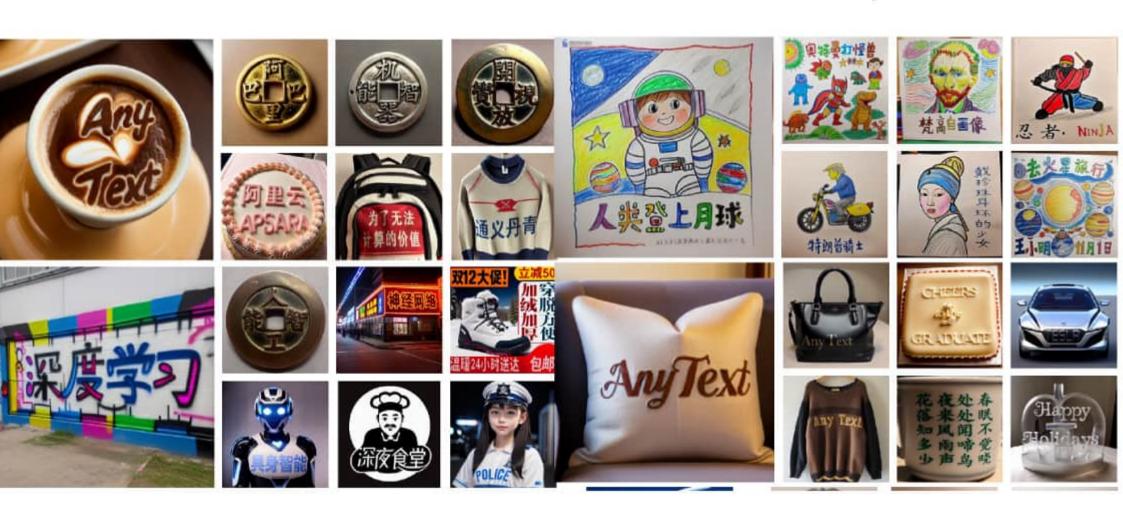




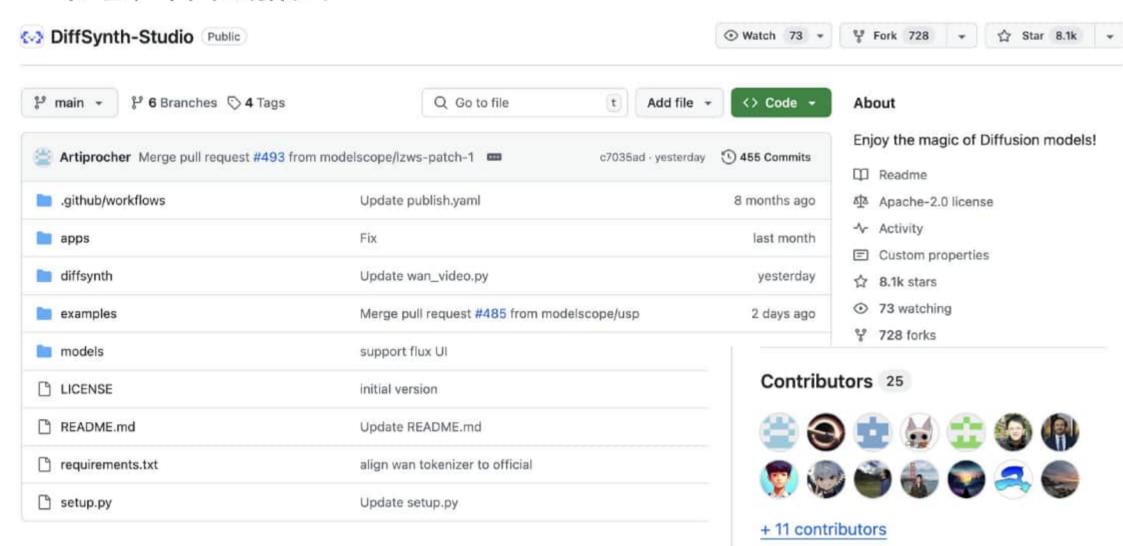




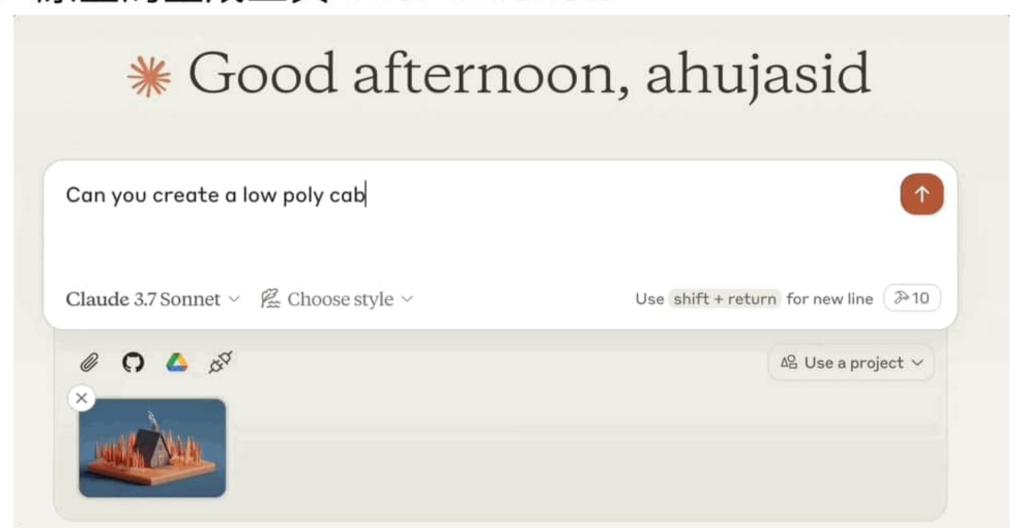
### 更简单的可控图像生成·文字的可控生成·AnyText



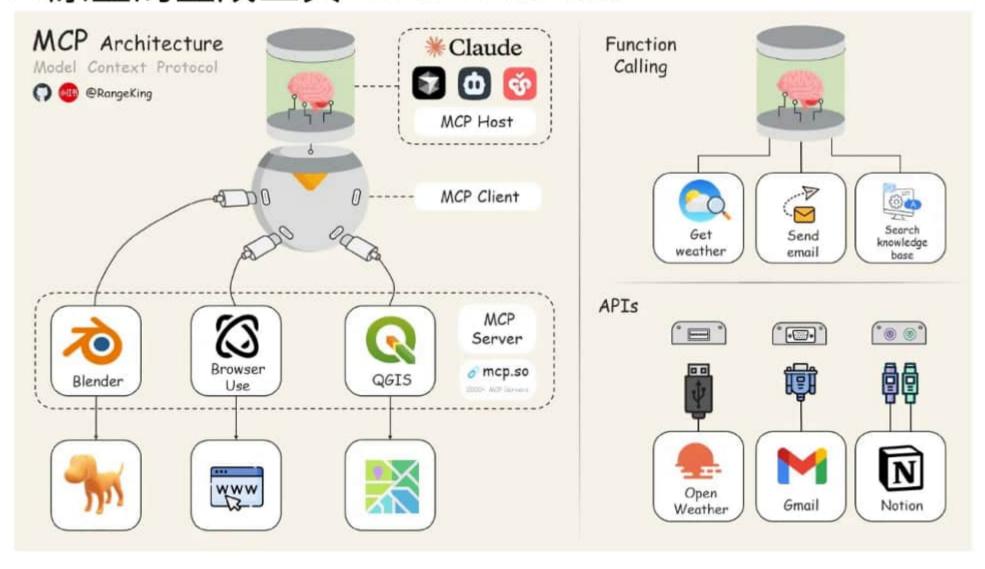
#### 彩蛋·神秘嘉宾



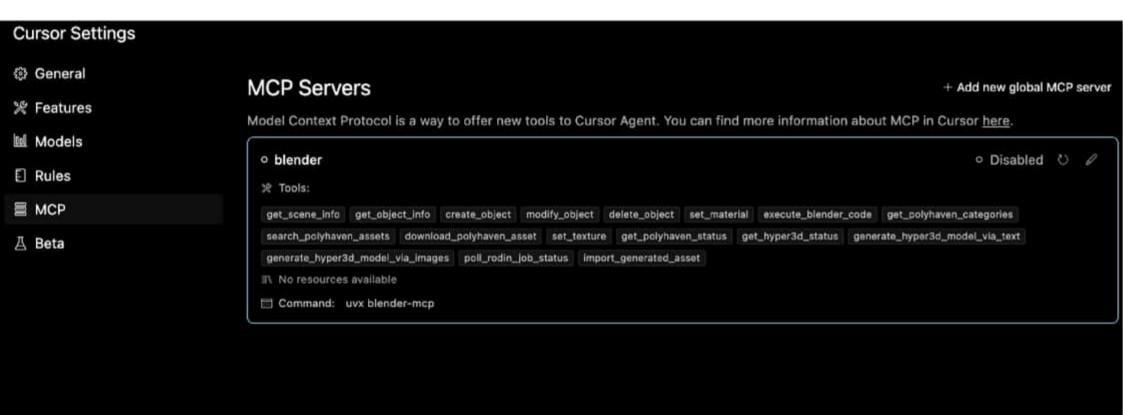
#### AI原生的生成工具·MCP+Blender



#### AI原生的生成工具·MCP+Blender



#### AI原生的生成工具·MCP+Blender



https://github.com/ahujasid/blender-mcp

未来: 用 mcp 操作开源版的 PS / AI / AE ...?

#### AI视频创作·wan2.1

写字的问题☑ 一致性的问题☑ 流畅度的问题☑



https://siliconflow.cn/zh-cn/models



if you value intelligence above all other human qualities, you're gonna have a bad time

#### 翻译帖子

09:10 · 2023/10/7 位于 Earth · 480万 次查看

961 个转帖 317 引用 7798 喜欢 1043 个书签

#### 期待美好的未来

也许在不远的未来(半年~一年时间线),我们将看见:

- 高分辨率、清晰度、控制能力的图像编辑, 瑕疵率降至最小。
- 完全拟真的照片生成。(互联网上高质量图片的枯竭与混淆)
- 完全拟真的视频生成。
- 完全自动化的图像、视频编辑软件操纵(MCP / 视觉 Agent)
- 自然语言实现网站、产品app、作品集生成

从内心出发的需求 以人为本的设计

# Thanks!

散步 sanbuphy

Datawhale

physicoada@gmail.com

## AI与视觉表达部分 🞉



jee & 散步

和屏幕前的你击个掌 👋 祝同学们好运常伴!