CRITEO

LangChain: Votre nouveau couteau suisse

DevFest Paris

Henry LAGARDE

Software Engineer @ CRITEO

https://github.com/tolares/talks

CRITEO

Agenda

1

🦜🔗LangChain?

2

🧱Fundamentals

3

🥳Let’s have some fun

CRITEO

🦜🔗 LangChain?

CRITEO

AI
AI EVERYWHERE
made on imgur

🦜🔗LangChain

CRITEO

The way that we describe it or think

LangChain has been build with the central value proposition of “composability”.

Harison Chase

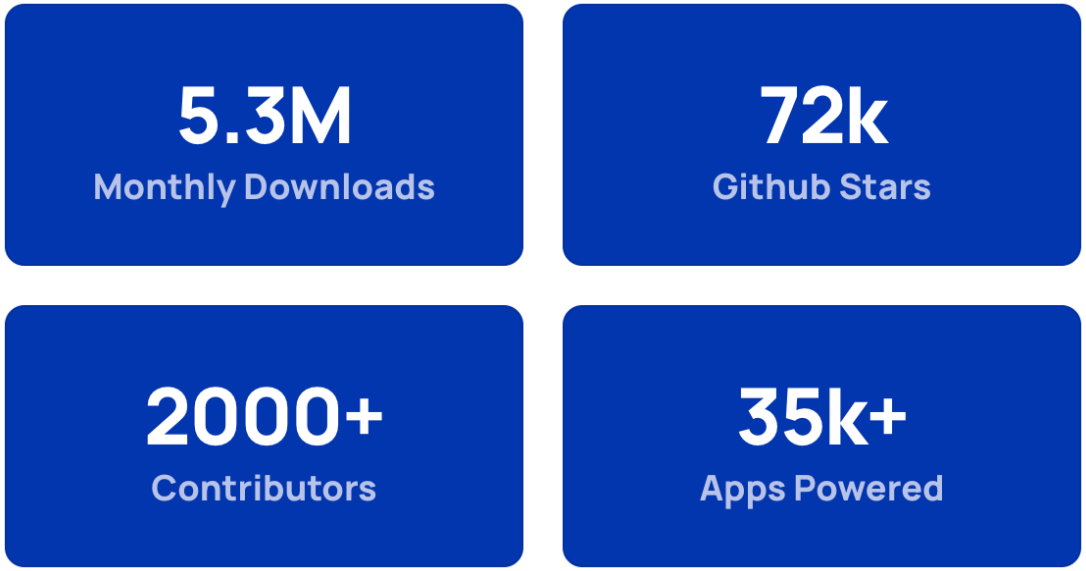
CEO of LangChain

🦜🔗LangChain

What is Langchain ?

- 🦜🔗 LangChain is an open-source Framework created in October 24th 2022
  - Written in Python🐍 and TS

- Award New tool of the Year 2023 (StackShare)

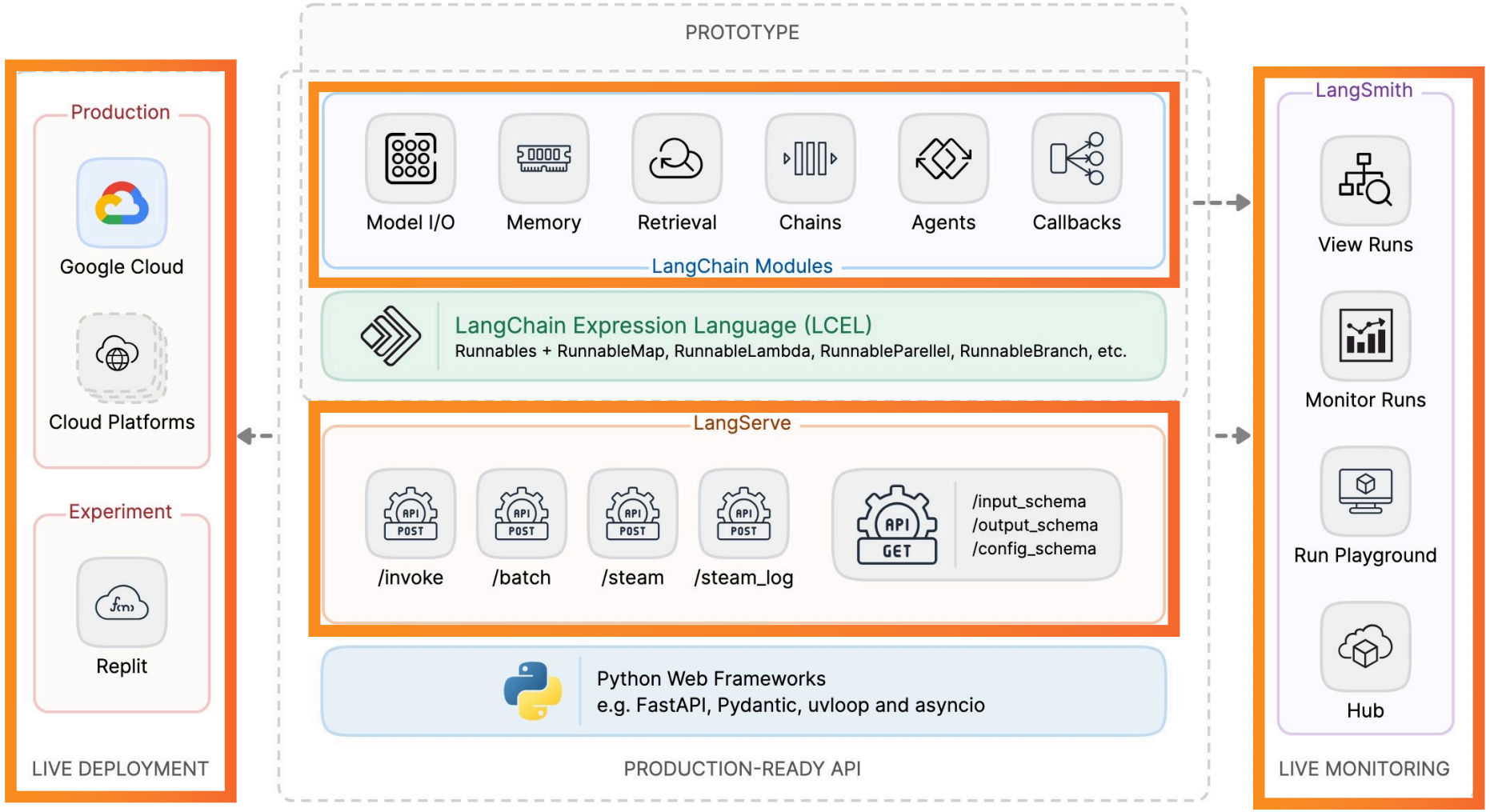


CRITEO

Fundamentals

Fundamentals

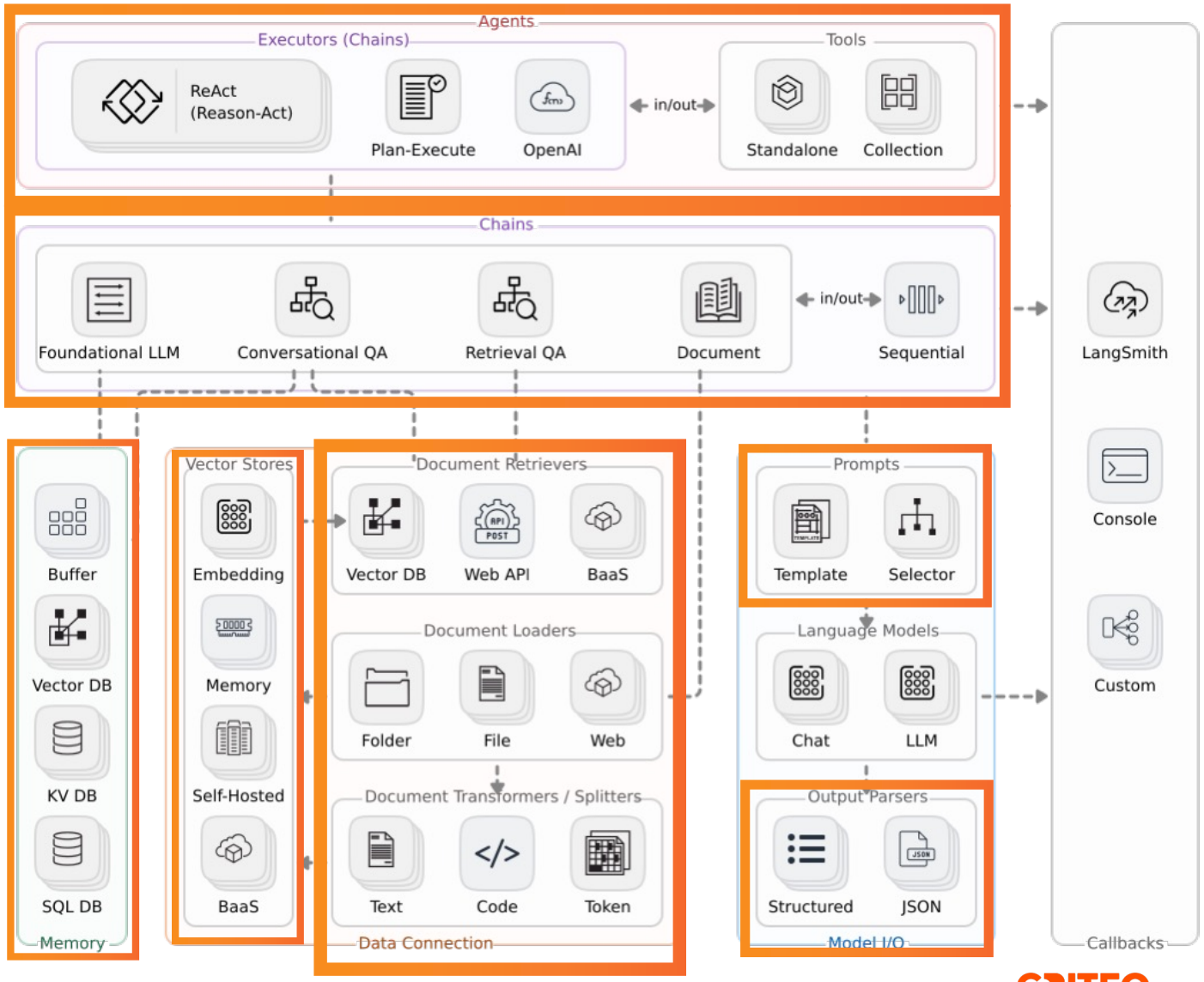
Production-Oriented LangChain APP Architecture



CRITEO

Fundamentals

- Standard API to communicate with LLMs
- Chain actions based on an input
- Format Output/Input
- Memory
- Prompt template
- Load Document
- Vector Store



CRITEO

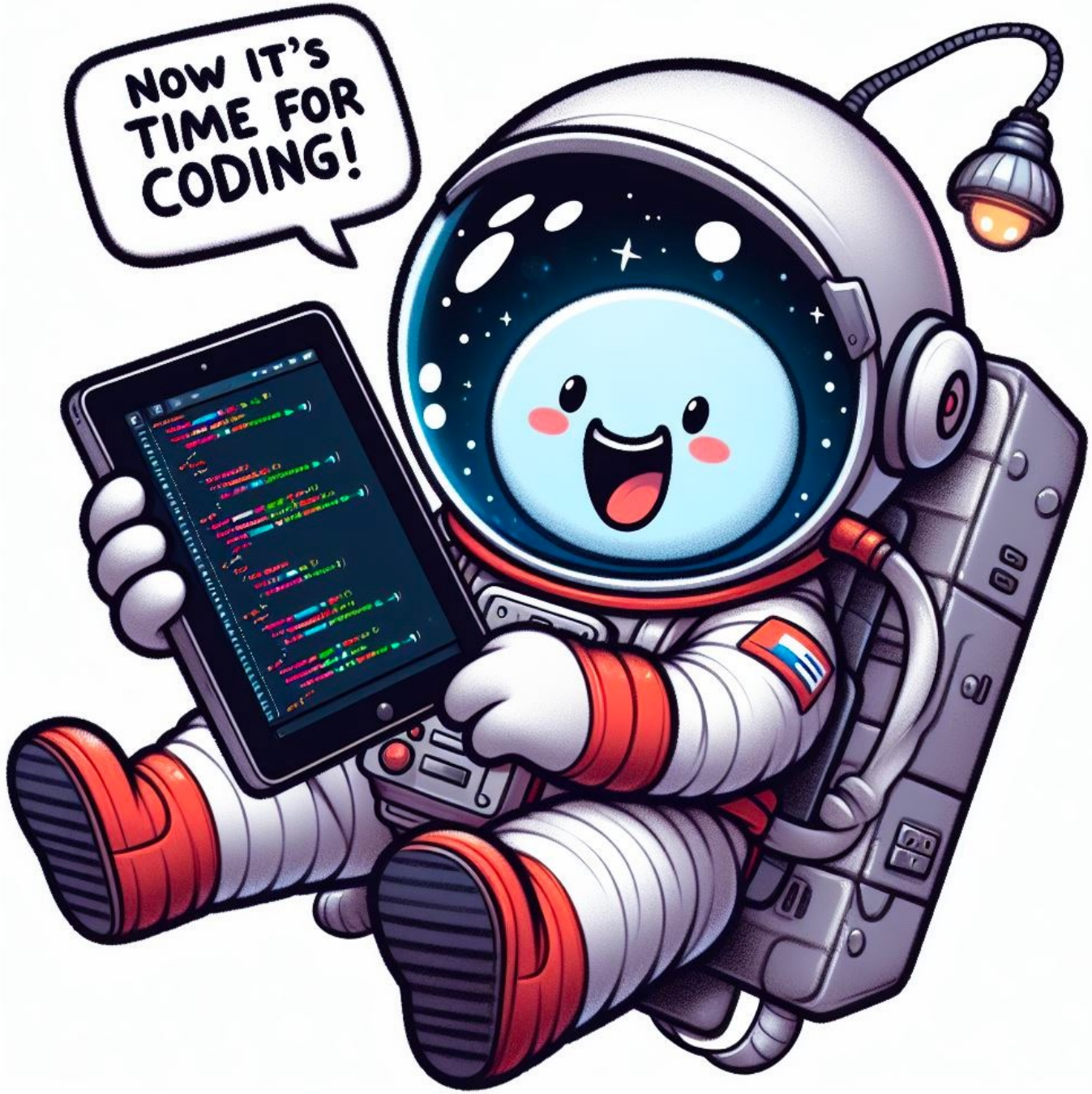
Let’s have some fun

CRITEO

🥳Let’s have some fun

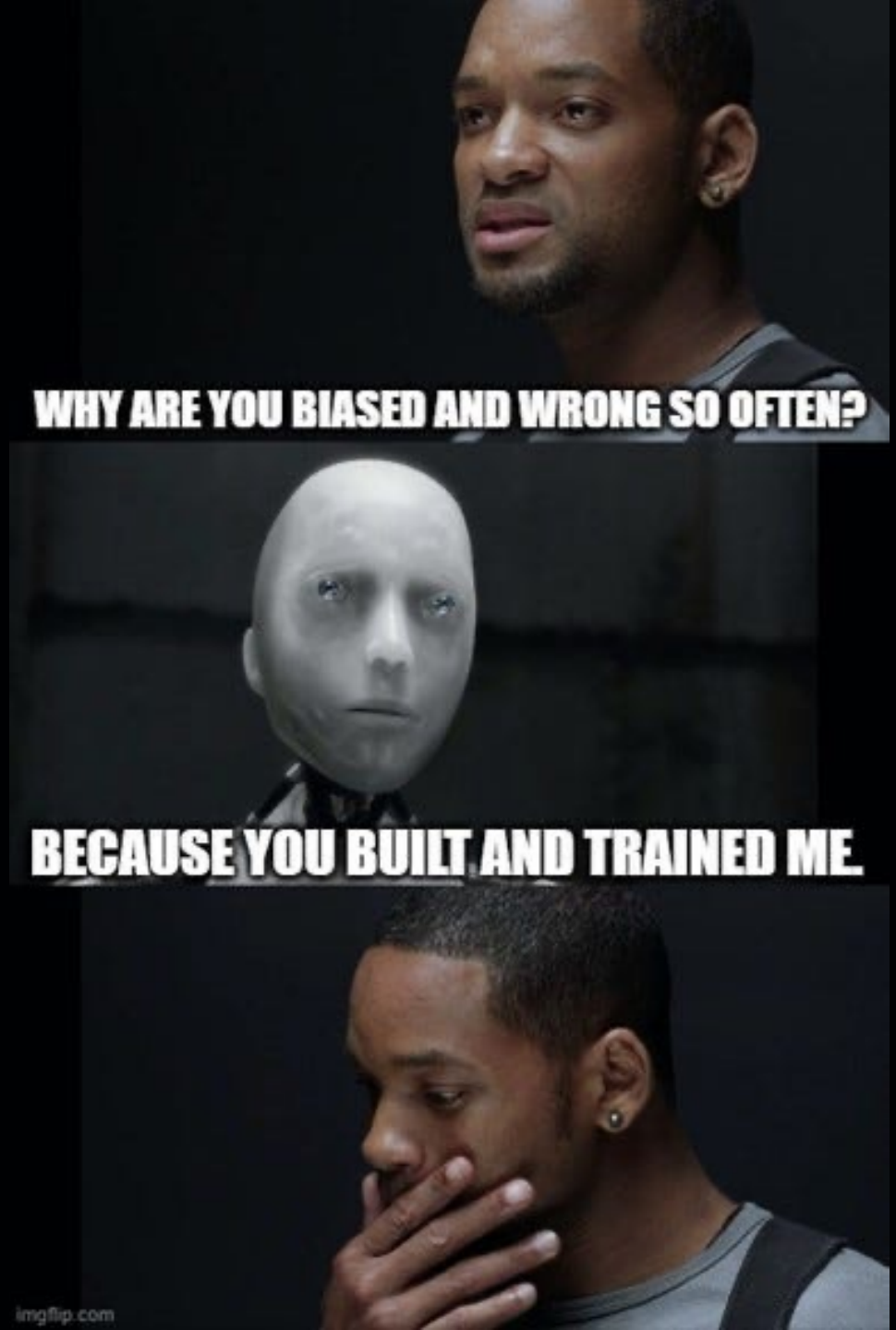
Build our first Agent

1. The user put a topic
2. The chain will do research on internet
3. Then based on the result will generate a powerpoint


NOW IT'S TIME FOR CODING!

🧠Conclusion

CRITEO


WHY ARE YOU BIASED AND WRONG SO OFTEN?
BECAUSE YOU BUILT AND TRAINED ME.
imgflip.com

CRITEO

CRITEO

Questions?

🦜🔗LangChain: Votre nouveau couteau suisse