

Meet your new AI best friend:  
  LangChain



DATADOG



# Henry LAGARDE

Software Engineer @ Datadog

# Agenda

---

01



LangChain?

---

02



Fundamentals

---

03



Let's have some fun

---



# LangChain?

A meme featuring Woody and Buzz Lightyear from the movie Toy Story. Buzz is in the foreground, wearing his green and purple space suit, with his arms outstretched and a wide-eyed, excited expression. Woody stands behind him, looking on with a concerned or skeptical expression. The background is a simple room with a door and some scattered toys on the floor.

**AI**

**AI EVERYWHERE**



# LangChain



Web development · [See more](#)



anton

@abacaj



Frontend: We are an AI startup  
Backend: API call to gpt-3

8:38 PM · Jan 21, 2023 · **202.7K** Views

*ProgrammerHumor.io*





**The way that we describe it or think**

Harison CHASE

LangChain has been build with the  
central value proposition of  
**composability**



# LangChain

**15M+**

Monthly Downloads

**90k+**

Github stars

**3k+**

Contributors

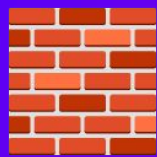
**100k+**

Apps powered

# Hundreds of integrations

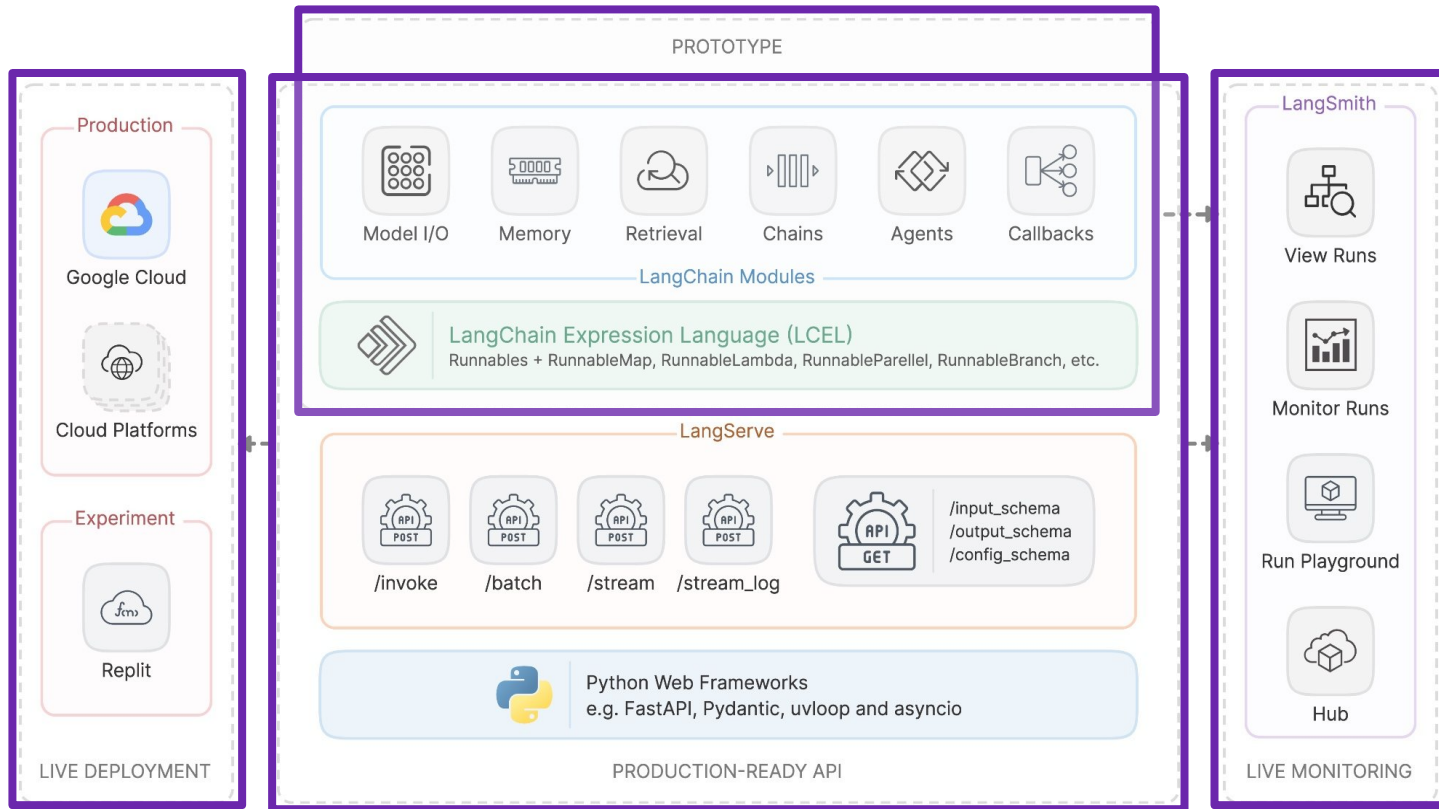


And more...



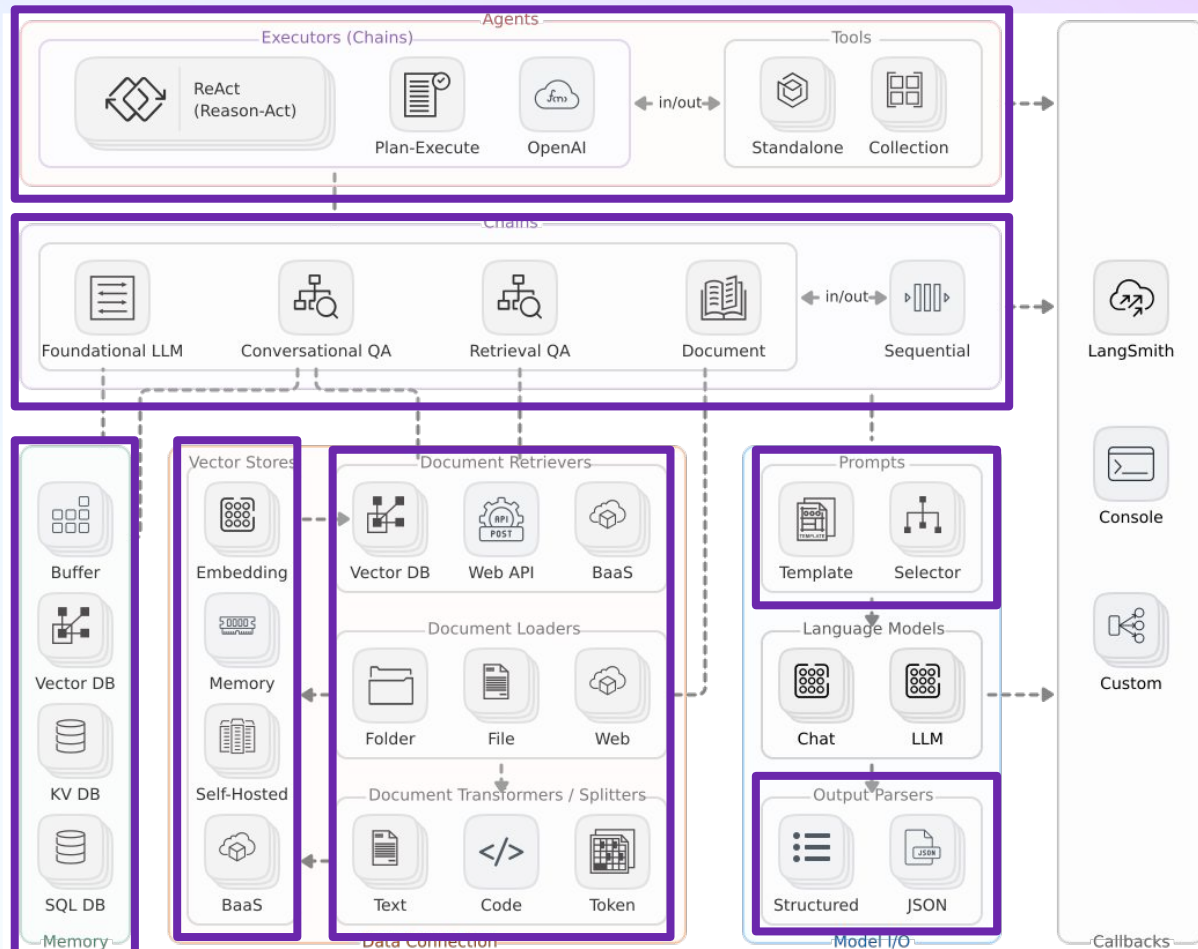
# Fundamentals

# Fundamentals



# Fundamentals

- Standard API
- Chain of actions
- Format Output/Input
- Memory
- Prompt template
- Load Document
- Vector Store



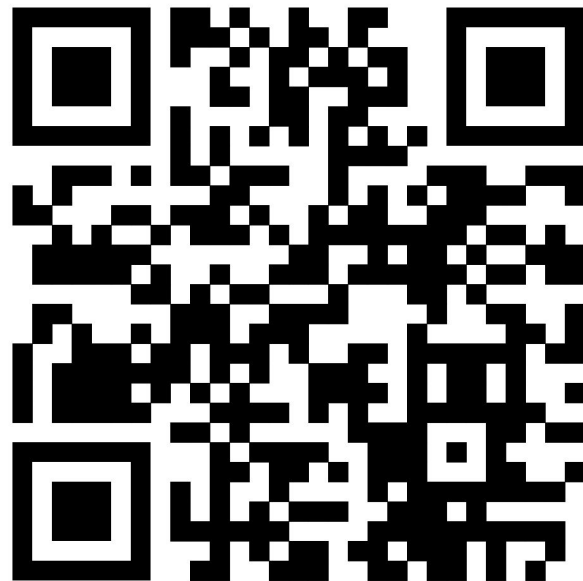


# Let's have some fun

# Let's have some fun

Let's Create a game !

1. User chat with a bot
2. A modal appears when you find the solution



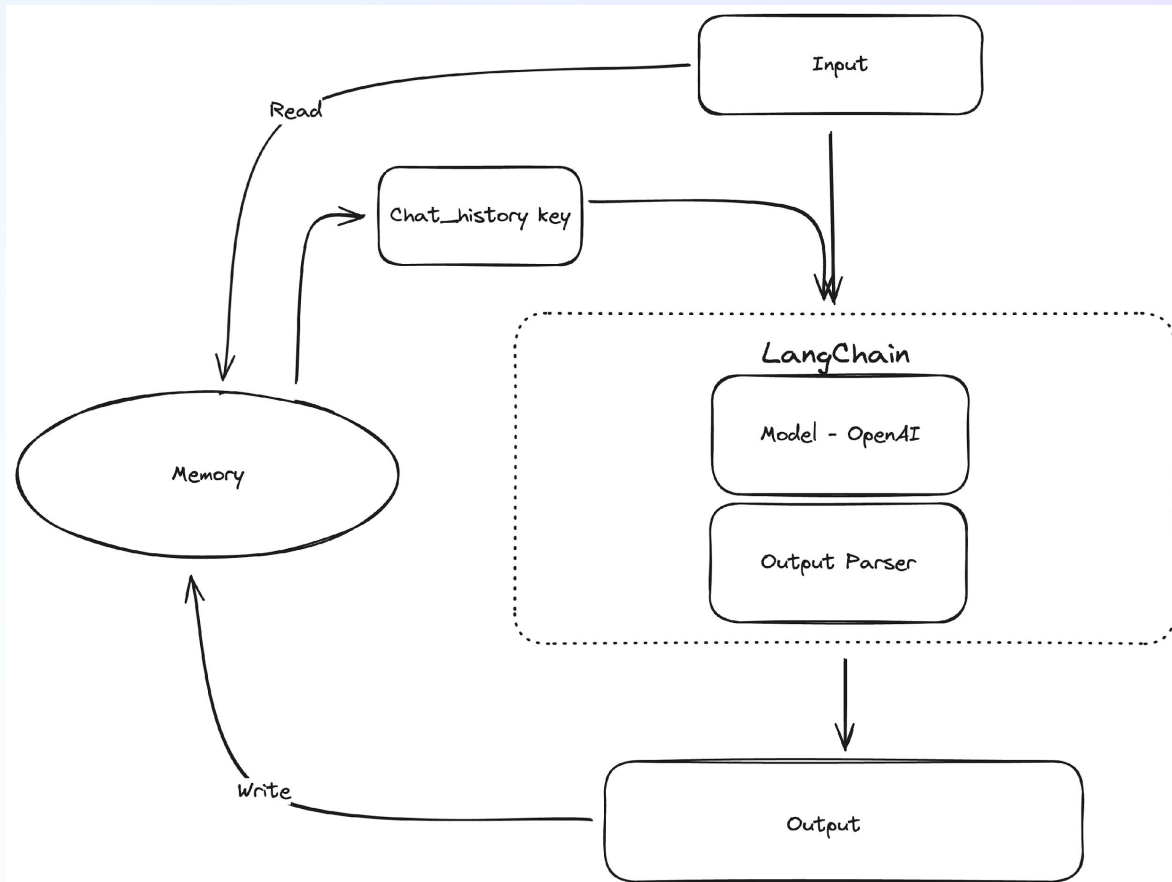


 **Let's have some fun**

Let's recreate Chat GPT basic features !



# Let's have some fun

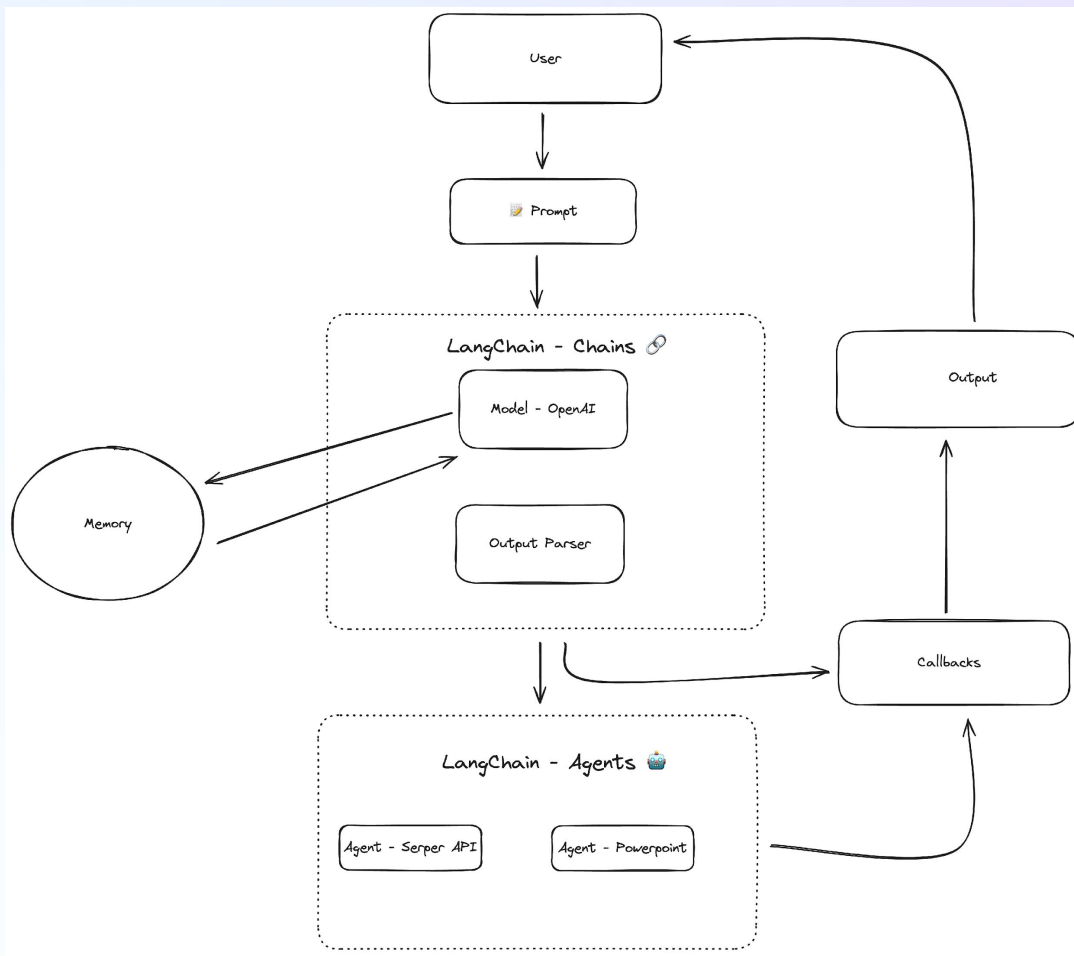


# 🎉 Let's have some fun

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



# 🎉 Let's have some fun





# Conclusion



# Thank you

Twitter: **@dev\_lagarde**

LinkedIn: **Henry LAGARDE**



**DATADOG**