



LangChain Biweekly

Sharing key product updates & use case examples

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LangChain Updates 🎉 July 01 2024

🚀 Releases x 2, ✨ Updates x 3 , 📚 Tutorials x 1

实用 **5**，难度 **4**

- LangGraph 首个稳定版 (v0.1) 发布
- LangGraph Cloud 封闭测试版现已上线

FEATURE RECAP

LangGraph Cloud 这一全新基础设施将为大规模部署基于 LangChain 的 Agent 铺平道路。

想了解更多？[官方博客](#) 已发布博文，不容错过。

LangGraph Cloud was launched in closed beta as a new infrastructure for deploying agents at scale. Read the announcement blog.



LangChain



LangGraph v0.1 & LangGraph Cloud



Announcing LangGraph v0.1 & LangGraph Cloud: Running agents at scale, reliably



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Our new infrastructure for running ag

LangGraph Cloud is available in beta. We also have a



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✨ 实用 4 , 难度 2

- ❖ LangSmith 现已升级自我完善评估系统

FEATURE RECAP

您可以直接修正 LLM-as-a-Judge 的评估反馈，系统会自动将其保存为少量样本（Few Shot），从而让 AI 评判更贴合你的需求。

无需手动调整提示。更多信息请参阅 [官方博客](#)。

Self-improving evaluators in LangSmith let you make corrections to LLM evaluator feedback, storing them as few-shot examples to align the LLM-as-a-Judge with your preferences. No manual prompt tweaking needed. Learn more in the blog.

The screenshot shows the LangChain interface with a sidebar containing several components. One component, 'get_answer', is highlighted. A tooltip box appears over the 'precision' field, stating 'Score Corrected' and explaining that the final document doesn't discuss ReAct in any level of detail. It also shows a new precision score of 1.00. The interface includes tabs for 'Run', 'Feedback', and 'Metadata', and sections for 'INPUT' and 'OUTPUT' with associated text and code snippets.

Aligning LLM-as-a-Judge with Human Preferences

Deep dive into self-improving evaluators like LangSmith, motivated by the rise of LLMs as general-purpose evaluators plus research on few-shot learning and

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Using corrections as few shot examples



LangSmith Evaluations

The screenshot shows the LangSmith interface with a 'get_answer' run. The run details indicate a recall of 1.00 and a precision of 0.00. A modal window titled 'Score Corrected' displays a green checkmark icon and the text 'precision 1.00 0.00'. The question asked was 'What is the difference between ReAct and Self-Ask?'. The AI response states: 'The final document doesn't discuss ReAct in any level of detail...'. The AI explanation continues: 'Self-Ask (Press et al. 2022) is a method to repeatedly prompt the model to ask follow-up questions to construct the thought process iteratively. Follow-up questions can be answered by search engine results. Similarly, IRCoT (Iterle Retrieval CoT; Trivedi et al. 2022) and ReAct (Reason + Act; Yao et al. 2023) combines iterative CoT prompting with queries to Wikipedia APIs to search for relevant entities and content and then add it back into the context.'

get_answer

recall 1.00 : precision 0.00 : More

Run Feedback Meta

INPUT

Question

What is the difference between ReAct and Self-Ask?

OUTPUT

AI

Self-Ask (Press et al. 2022) is a method to repeatedly prompt the model to ask follow-up questions to construct the thought process iteratively. Follow-up questions can be answered by search engine results. Similarly, IRCoT (Iterle Retrieval CoT; Trivedi et al. 2022) and ReAct (Reason + Act; Yao et al. 2023) combines iterative CoT prompting with queries to Wikipedia APIs to search for relevant entities and content and then add it back into the context.



Rule-based masking of inputs and outputs

ⓘ INFO

This feature is available in the following LangSmith SDK versions:

- Python: 0.1.81 and above
- TypeScript: 0.1.33 and above

To mask specific data in inputs and outputs, you can use the `create_anonymizer` / `createAnonymizer` function and pass the newly created anonymizer when instantiating the client. The anonymizer can be either constructed from a list of regex patterns and the replacement values or from a function that accepts and returns a string value.

The anonymizer will be skipped for inputs if

实用 5 , 难度 3

- LangSmith 新增个人信息屏蔽功能

FEATURE RECAP

LangSmith 的个人信息屏蔽功能让您可以通过指定正则表达式列表或为提取的字符串值提供转换方法来创建匿名器。

详细操作指南已在 [官方文档](#) 中提供。

PII masking in LangSmith lets you create anonymizers by specifying a list of regular expressions or providing transformation methods for extracted string values. Read the [docs](#).

✨ 实用 5 , 难度 3

-  LangSmith Playground 支持自定义模型

FEATURE RECAP

一旦部署模型服务器，您就可以在 LangSmith Playground 中使用自定义模型。

想知道如何操作？[官方文档](#) 已为您备好细节。

Custom models in LangSmith Playground are available once you deploy a model server. See the docs.

On this page



Use a custom model

The LangSmith playground allows you to use your own custom models. You can deploy a model server that exposes your model's API via [LangServe](#), an open source library for serving LangChain applications. Behind the scenes, the playground will interact with your model server to generate responses.

Deploy a custom model server

For your convenience, we have provided a sample model server that you can use as a reference. You can find the sample model server [here](#). We highly recommend using the sample model server as a starting point.



基于 LangSmith 实施 AI Agent 评测评估

重磅推荐：全新三集视频系列 + 详细教程，带您深入了解 AI Agent 评测评估的奥秘。

从响应质量、单步操作到完整工具调用链，全方位剖析评估技巧，帮助您找到评估评测 AI Agent 的要点。

This 3-part video series and tutorial show how to evaluate agent performance – including response eval, single step eval, and the trajectory of tool calls.

