

SEPTEMBER'S SHOWCASE AND MIXER

SEPTEMBER



AUSTIN
TEXAS

AUSTIN

SLOT



SEPTEMSP
ANS -
MIXER



AUTIN

AUSTIN

AUSTIN
TEXAS





September Meeting

Austin LangChain Users Group



Github

Whisper Assistant
CloudFlare Lab
Perplexity clone
Email + Rag



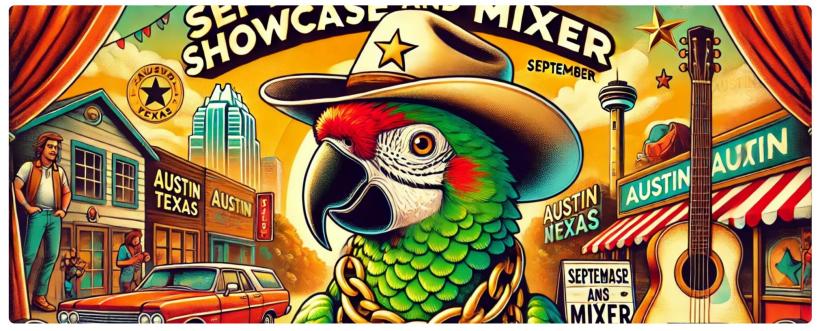
meet.aimug.org

Welcome - Austin LangChain

- Local Austin LangChain User Group
 - Discord - <https://discord.gg/fjQfpwcsZX>
 - Github - https://github.com/colinmcnamara/austin_langchain
 - Meetup - <https://www.meetup.com/austin-lanchain-ai-group/>
 - Twitter - [@AustinLangChain](https://twitter.com/@AustinLangChain)
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 - **Monthly Showcases & Mixer**
 - **Monthly Hacky Hours**
 - **Office Hours** 2PM CDT Office Hours
 - Low stress, learning and sharing
 - Connect with other early adopters
 - Learn, Share, Grow
-
- CoC - **Be cool** to each other, no gross behavior



Log into Sessions @ meet.aimug.org



Austin LangChain - September Showcase and Mixer

0 DAYS 1 HRS 29 MIN 13 SEC

Go here for Transcripts, Q&A, Links

https://event.meet.aimug.org/austin_langchain/austin-langchain---september-showcase-and-mixer



LangChain Overview

Colin McNamara

- **Home:** Austin, East Side
- **Work:** Managing Partner, Engineering & Finance
Always Cool Brands
- **Background:** Hyperscale Cloud Engineering & Operations
- **FOSS:** Linux, OpenStack, OpenDaylight, ...
- **Using LangChain:** Business operations
- **Socials:**
 - WWW <http://www.colinmcnamara.com>
 - Linkedin <https://www.linkedin.com/in/colinmcnamara/>
 - X(Twitter) [@colinmcnamara](https://twitter.com/@colinmcnamara)



LangChain (Upstream) Project

Blog - <https://blog.langchain.dev/>

Repo - <https://github.com/langchain-ai/langchain>

Founder - Harrison Chase



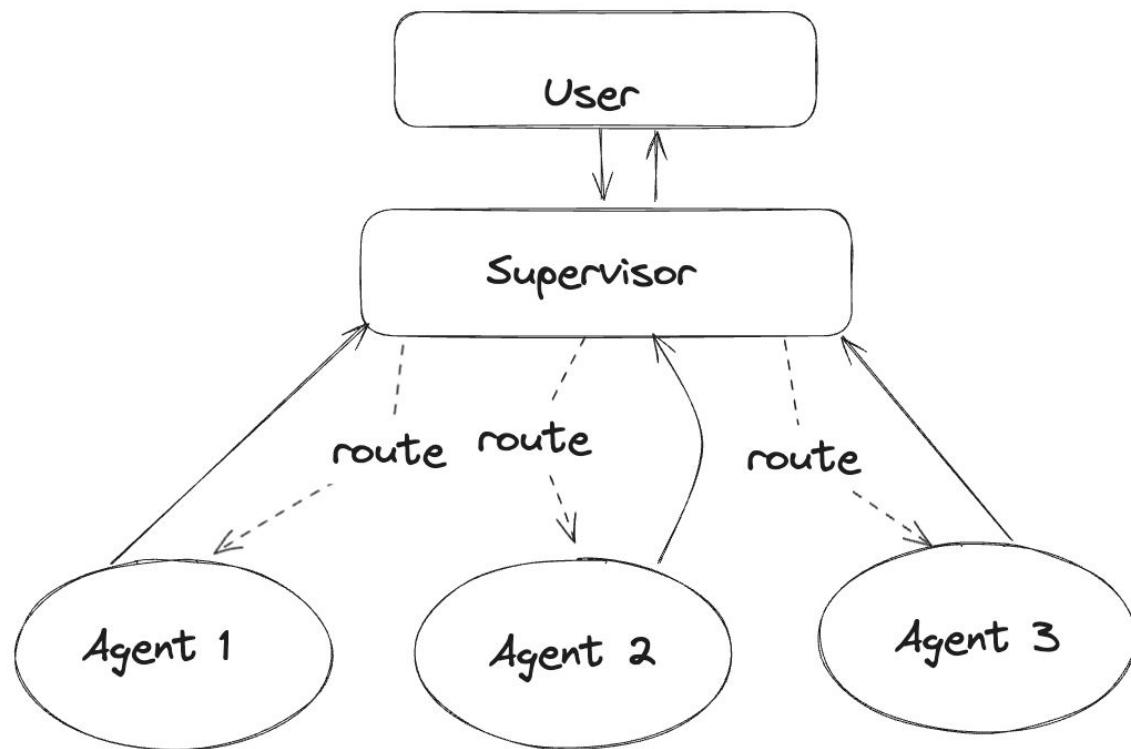
LangGraph Studio
Local IDE Dev Tool

LangSmith
Freemium Dev Tool

LangGraph Cloud
Hosted / K8s solution

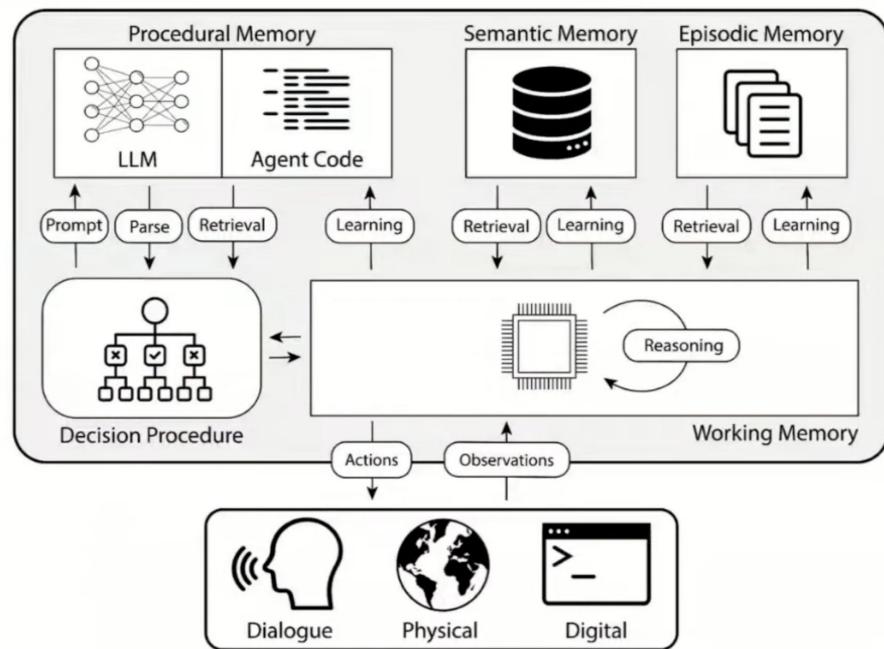
LangChain Python Library
Open Source (Free)

Basic LangGraph - User / Supervisor pattern

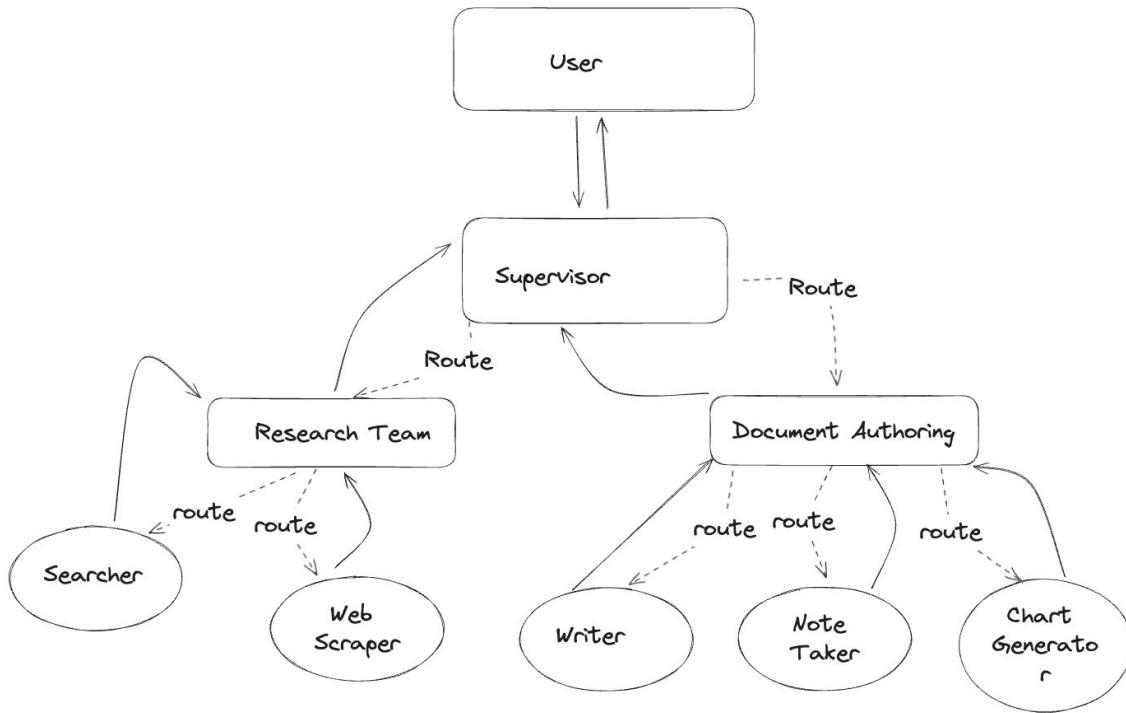


LangChain Agent Key Concepts

- Agents
 - Independent Entity
 - Has access to tools
 - Reasons, Acts (ReAct)
 - Combination of
 - LLM
 - Code
 - Memory
 - Tools



Hierarchical Teams



LangSmith

- Web interface for logging of AI applications
- Functional and Non-Functional information
- Performance & Query optimization
- Easily added to LangChain code
- Deploy LangGraph Code

The screenshot displays the LangSmith web application interface. On the left, a "Trace" sidebar shows a log entry for a "/research-assistant" endpoint with a status of "SUCCESS" and a timestamp of "2023-09-01T14:24:57". The main area is titled "/research-assistant" and contains sections for "Run", "Feedback", and "Metadata". Under "Input", there is a text input field containing a user query: "I'm looking for a great taco in Austin's east side. Create a research report ranking the top 3 trucks, trailers, or restaurants I should visit." Below this is a "YAML" section. The "Output" section displays the generated AI response, which includes an introduction, methodology, and a ranking of top 3 taco establishments. The introduction states: "Austin, Texas is renowned for its vibrant food scene, particularly its mouthwatering tacos. The city's east side is home to a plethora of taco trucks, trailers, and restaurants that offer a diverse range of flavors and culinary experiences. In this research report, we will explore the top three establishments in Austin's east side that are highly recommended for their exceptional tacos. We will consider the information provided in various sources to determine the best options for taco enthusiasts." The methodology section explains the analysis of multiple sources. The ranking section lists "## Ranking the Top 3 Taco Trucks, Trailers, or Restaurants in Austin's East Side", "### 1. Las Trancas", and "### 2. Suerte".

```
# Research Report: Ranking the Top 3 Taco Trucks, Trailers, or Restaurants in Austin's East Side
## Introduction
Austin, Texas is renowned for its vibrant food scene, particularly its mouthwatering tacos. The city's east side is home to a plethora of taco trucks, trailers, and restaurants that offer a diverse range of flavors and culinary experiences. In this research report, we will explore the top three establishments in Austin's east side that are highly recommended for their exceptional tacos. We will consider the information provided in various sources to determine the best options for taco enthusiasts.

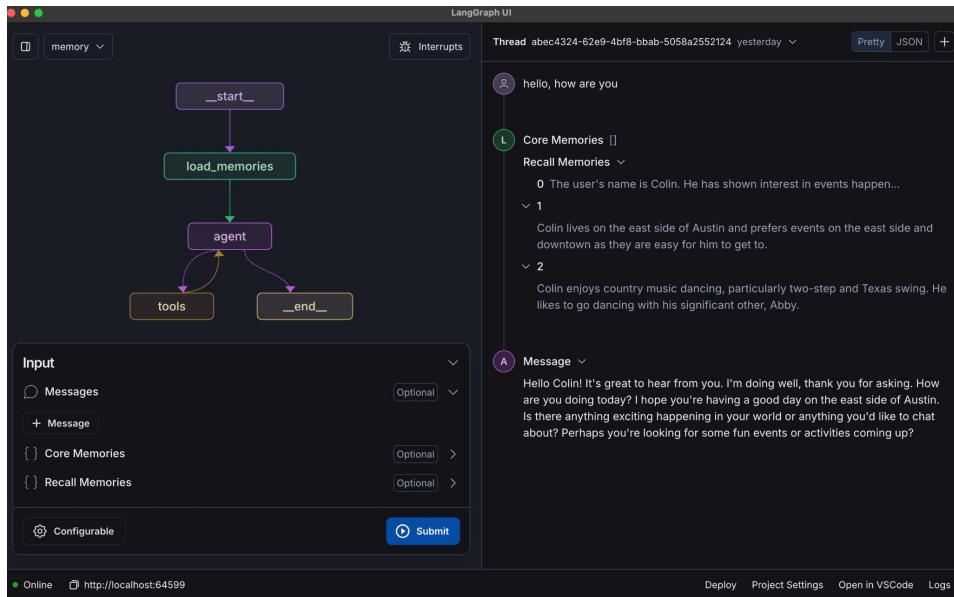
## Methodology
To compile this research report, we analyzed multiple sources that provide insights into the best taco trucks, trailers, and restaurants in Austin's east side. The sources include reputable websites such as Eater, Guide2ATX, Austin Eater, and The Infatuation. We carefully reviewed the information provided in each source to identify the top-rated establishments based on their popularity, customer reviews, and expert opinions. Our aim is to present an objective and comprehensive ranking of the top three taco trucks, trailers, or restaurants in Austin's east side.

## Ranking the Top 3 Taco Trucks, Trailers, or Restaurants in Austin's East Side
### 1. Las Trancas
Las Trancas is a highly recommended taco trailer located in Austin's east side. While the specific source, Austin Eater, does not mention Las Trancas as one of the best taco trucks in Austin, it does highlight Las Trancas as the top-rated taco trailer in the east side. Unfortunately, we could not find any additional information about Las Trancas from other sources. However, given its recognition as the best taco trailer in the area, it is worth visiting for its authentic and delicious tacos.

### 2. Suerte
```

LangGraph Studio

- Local IDE for AI Graph Development
- Easily launch template projects
- Leverages Docker
- One button click to code editor
- Interrupt functions for agent dev





LangChain Quickstart

Ricky Pirruccio 

Manufacturing Engineer
Applied Materials



Riccardo Pirruccio is a Manufacturing Engineer at Applied Materials, holding a Bachelor's in Mechanical Engineering from the University of Texas at Tyler. His expertise lies in developing manufacturing intelligence applications in the semiconductor supply chain sector.





September Meeting

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Agenda

- Welcome Message
- News & Announcements
- Talks and Labs!
 - 101 Quickstart
 - Showcase: Whisper objection handling
 - Showcase: Cloudflare Lab
 - Showcase: Perplexity Clone
 - Showcase: Email + RaG



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Thanks to our Supporters

ACC Center for Government and Civil Service - Venue Sponsor

Always Cool Brands - Beverages, Sessions Platform

Contributors - code, content, community



SUBMIT YOUR SHOWCASES FOR OUR NEXT MEETING!



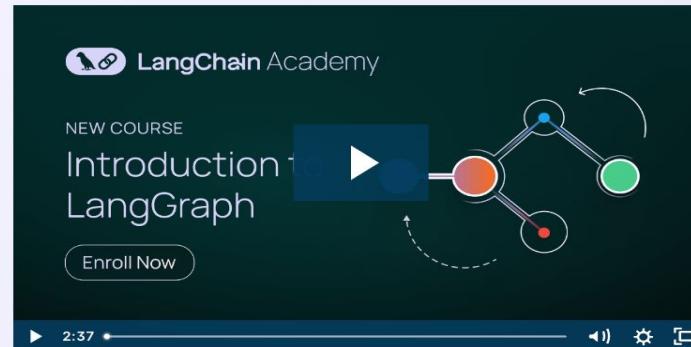
VIDEO PRODUCTION



LangChain Academy

Introduction to LangGraph

Learn the basics of LangGraph - our framework for building agentic and multi-agent applications. Separate from the LangChain package, LangGraph helps developers add better precision and control into agentic workflows.

[Resume Course](#)

<https://academy.langchain.com/>

A screenshot of a terminal window titled "CODEBASE-CONTEXT.md M" and "CODING-ASSISTANT-PROMPT.md X". The terminal displays a multi-step guide for interacting with a codebase context. It includes instructions for parsing structured data, handling .contextdocs.md files, dealing with .contextignore files, and providing insights based on gathered information. A sidebar on the right shows a video call with Vaskin Kissoyan, who is discussing the features of the system, such as prompt caching and always allowing read-only operations. The bottom of the screen shows a timeline of changes and a list of saved files.

Upcoming Conference Talk - Call for Papers Open

- Generative AI world summit
 - Multiple Austin LangChain talks submitted
 - Code “austinlangchain” gets \$100 off
 - <https://generative-ai-summit.com/>

Austin Lang Chain Upcoming Events

- **Office Hours** Tuesdays at 2pm on Discord - <https://discord.gg/fjQfpwcsZX>
- **Community Call** Thursdays at 2:00 -
<https://app.sessions.us/session/56b791ec-0676-45ee-9caf-cfd72b3faa32>
- **Hacky Hour - Claude-Dev** - 6pm Wed 9/25 Skinny's off track bar - East Side
- **Showcases** - In person and hybrid (tentative) September 2 @ ACC RGC
3000 - 12th and West



SHOWCASES

AUSTIN, TX

See you next time - Hacky Hour @skinnys 8/21

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- **Monthly** in person meetings & workshops
- **Monthly** Hacky Hour
- **Tuesdays & Thursdays** @ 2 CDT Office Hours





Thank you!