



# LangChain 102

Austin LangChain Users Group

# Agenda

- Mixer
- Welcome Message
- News & Announcements
- Showcase
- Labs



# Welcome - Austin LangChain

- Local Austin LangChain User Group
    - Twitter - [@AustinLangChain](https://twitter.com/AustinLangChain)
    - Github - [https://github.com/colinmcnamara/austin\\_langchain](https://github.com/colinmcnamara/austin_langchain)
    - Meetup - <https://www.meetup.com/austin-lanchain-ai-group/>
    - Discord - <https://discord.gg/fjQfpwcsZX>
    - Youtube - <https://www.youtube.com/@AustinLangChain>
    -
  - Monthly in person meetings & workshops
  - Low stress, learning and sharing
  - Connect with other early adopters
  - Learn, Share, Grow
- 
- CoC - **Be cool** to each other, no gross behavior



# Austin LangChain delivers 101 workshop

- Austin LangChain Workshop
- Delivering 101 @ AI in Action
- Streaming version available next week

The poster is for an event titled "AI in Action" by Techstrong.ai. At the top left is the Techstrong logo, followed by "POWERED BY Techstrong | Learning". The main title "AI in Action" is in large blue letters, with "By Techstrong.ai" below it. A tagline "SEPARATING FACT FROM FICTION" is in pink. The date and time "December 12, 2023 9:00-3:45 pm ET" are in the top right, with "Virtual" in pink below. A blue box says "LIVE Workshop" with the time "2:15 - 3:45 pm ET" below it. The main text reads "Discover AI Innovation at Techstrong with LangChain 101". At the bottom, three speakers are listed with their photos in circular frames: Colin McNamara (Managing Partner, Engineer & Finance, Always Cool Brands), Karim Lalani (Senior Software Engineer, The Office of the Governor of Texas), and Ricky Pirruccio (Manufacturing Engineer, Applied Materials).

POWERED BY Techstrong | Learning

**AI in Action**  
By Techstrong.ai  
SEPARATING FACT FROM FICTION

December 12, 2023  
9:00-3:45 pm ET  
Virtual

**LIVE Workshop**  
2:15 - 3:45 pm ET

**Discover AI Innovation at Techstrong  
with LangChain 101**

**Colin McNamara**  
Managing Partner,  
Engineer & Finance,  
Always Cool Brands

**Karim Lalani**  
Senior Software Engineer,  
The Office of the Governor  
of Texas

**Ricky Pirruccio**  
Manufacturing  
Engineer,  
Applied Materials

# News and Announcements

- LangChain-Core and LangChain-Community Developments - path to 0.1! - <https://blog.langchain.dev/the-new-langchain-architecture-langchain-core-v0-1-langchain-community-and-a-path-to-langchain-v0-1/>
- Austin LangChain Members present LangChain 101 at AI in Action - <https://www.colinmcnamara.com/langchain-101-at-ai-in-action-2023/>
- LangServe templates hub released - <https://templates.langchain.com/>
- LangChain and Redis cloud collaborate on OpenGPTs - [Redis Cloud Powers LangChain OpenGPTs Project \(datanami.com\)](#)





# Call for Papers

- Present your work!
- Learn together!
- Improve on an introduced concept!
- <https://forms.gle/n71mGkc1GM2sdeqM6>



# Showcase!

Karim Lalani

- Introduction to LangChain
- [https://github.com/colinmcnamara/austin\\_langchain/blob/main/labs/Langchain\\_Introduction/Langchain\\_Introduction.ipynb](https://github.com/colinmcnamara/austin_langchain/blob/main/labs/Langchain_Introduction/Langchain_Introduction.ipynb)



# Showcase!

Ricky Pirruccio

- Streamlit introduction
- [https://github.com/colinmcnamara/austin\\_langchain/blob/main/labs/LangChain\\_101/101-4-streamlit\\_introduction.ipynb](https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_101/101-4-streamlit_introduction.ipynb)





# LAB 103-1 Docker Introduction

- Required: Docker on your computer
- Repo: [https://github.com/colinmcnamara/austin\\_langchain/](https://github.com/colinmcnamara/austin_langchain/)
- Notebook:  
[https://github.com/colinmcnamara/austin\\_langchain/blob/main/labs/LangChain\\_103/103-1-docker\\_introduction.md](https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_103/103-1-docker_introduction.md)



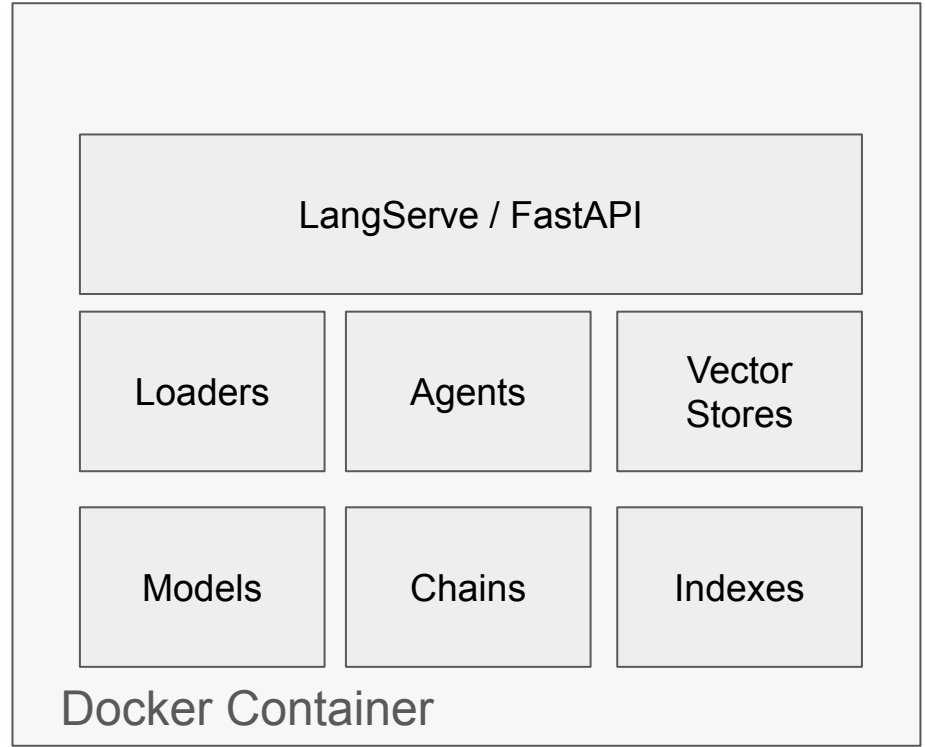
# LAB 103-2 LangServe in Docker

- Required: Docker on your computer
- Repo: [https://github.com/colinmcnamara/austin\\_langchain/](https://github.com/colinmcnamara/austin_langchain/)
- Notebook:  
[https://github.com/colinmcnamara/austin\\_langchain/blob/main/labs/LangChain\\_103/103-2-langserve\\_on\\_docker.md](https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_103/103-2-langserve_on_docker.md)



# Lab103-2

- Sample ~/.env = sample.env
- Build docker from langserve template
- Add a new app
- Interact with playground
- Copy docs into ChatGPT or Copilot and create a streamlit front end



# Thank you - Please Join

- Local Austin LangChain User Group
  - Twitter - [@AustinLangChain](https://twitter.com/AustinLangChain)
  - Github - [https://github.com/colinmcnamara/austin\\_langchain](https://github.com/colinmcnamara/austin_langchain)
  - Meetup - <https://www.meetup.com/austin-lanchain-ai-group/>
  - Discord - <https://discord.gg/SDwD254V>
  - Youtube - <https://www.youtube.com/@AustinLangChain>
  - Monthly in person meetings & workshop
  - Monthly remote lab repeat
- Low stress, learning and sharing
- Connect with other early adopters
- Learn, Share, Grow