



How to



Async API

LangChain provides async support for Chains by leveraging the `asyncio` library.



Different call methods

All classes inherited from Chain offer a few ways of running chain logic. The most direct one is by using `call`:



Custom chain

To implement your own custom chain you can subclass Chain and implement the following methods:



Debugging chains

It can be hard to debug a Chain object solely from its output as most Chain objects involve a fair amount o...



Loading from LangChainHub

This notebook covers how to load chains from LangChainHub.



Adding memory (state)

Chains can be initialized with a Memory object, which will persist data across calls to the chain. This make...



Using OpenAI functions

This walkthrough demonstrates how to incorporate OpenAI function-calling API's in a chain. We'll go over:



Serialization

This notebook covers how to serialize chains to and from disk. The serialization format we use is json or y...