

Java meets AI

How to Build LLM-Powered Applications
with LangChain4j

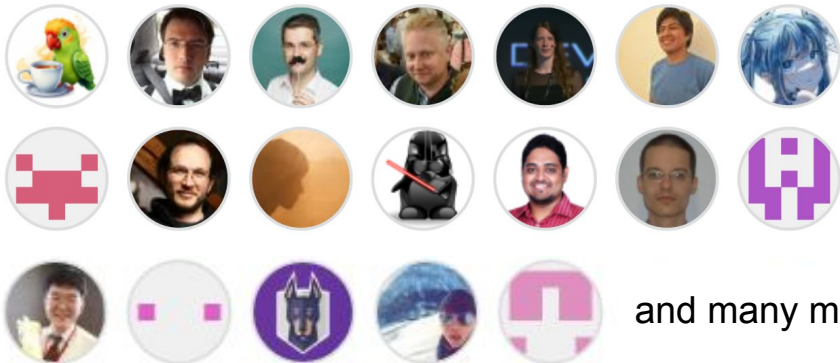
Lize Raes
Open Tide



The LangChain4j Team



Creator and Lead Developer
Dmytro Liubarskyi



and many more



LangChain for Java: Supercharge your Java application with the power of LLMs [↗](#)

Large Language Models



Language Model

Chat Model

Embedding Model

Embedding Store

Components of LangChain4j



Chains

AI Services

Basics

Language
Models

Image
Models

Prompt
Templates

Output
Parsers

Memory

Tools

RAG

Document
Loaders

Document
Splitters

Embedding
Models

Embedding
Stores

Hello JDCConf

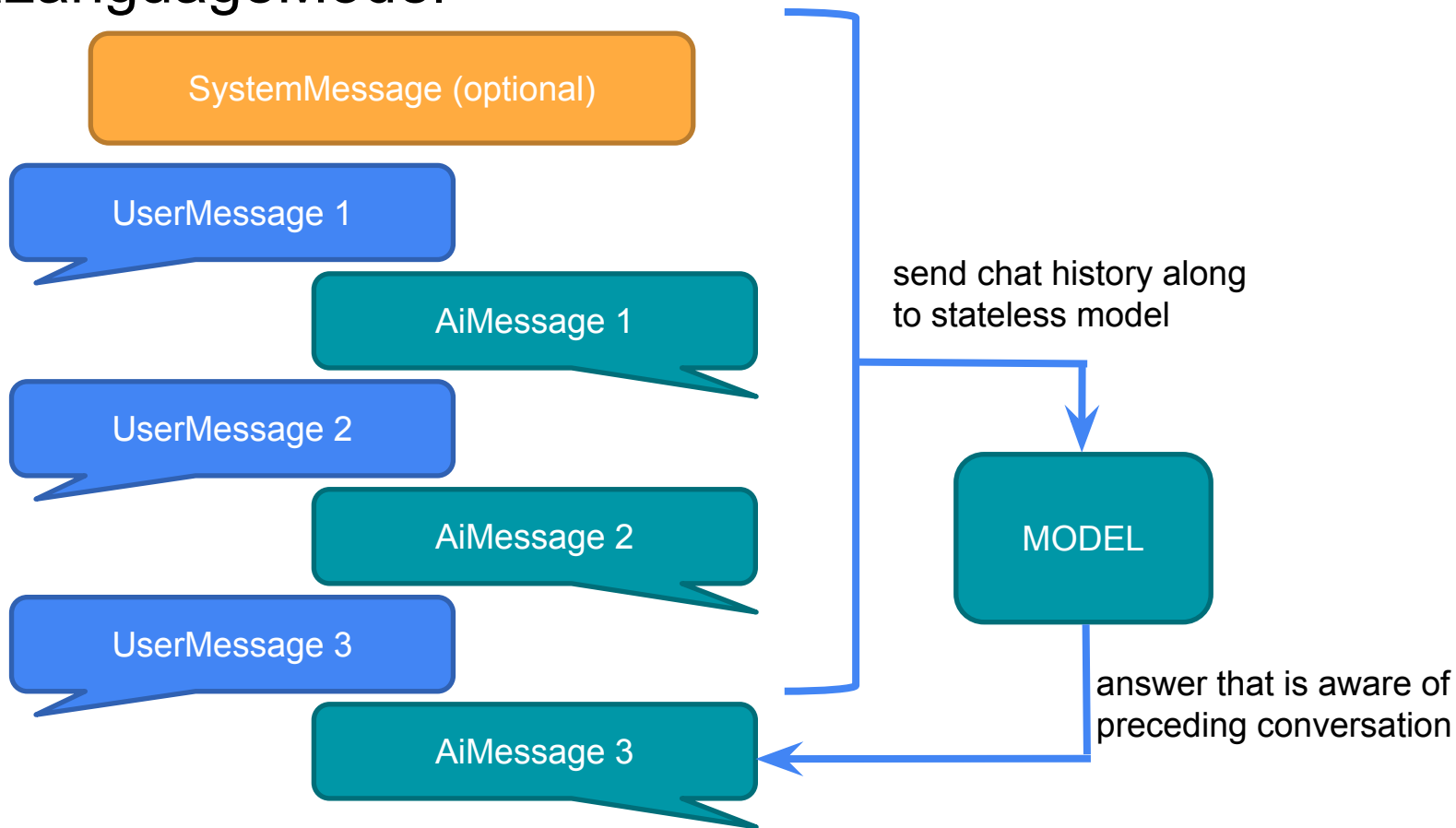
The Basics



Chat API



ChatLanguageModel



AI Services

LLM's returning POJOs



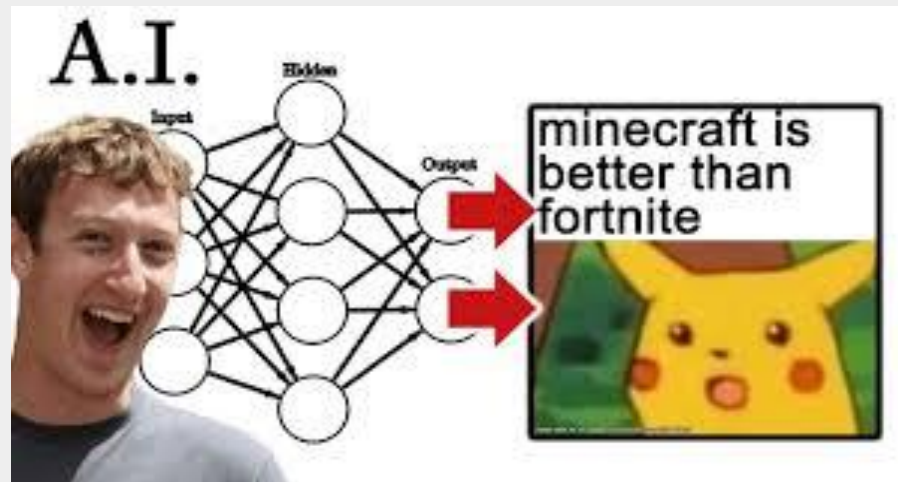
Tools

Let's take it to another level

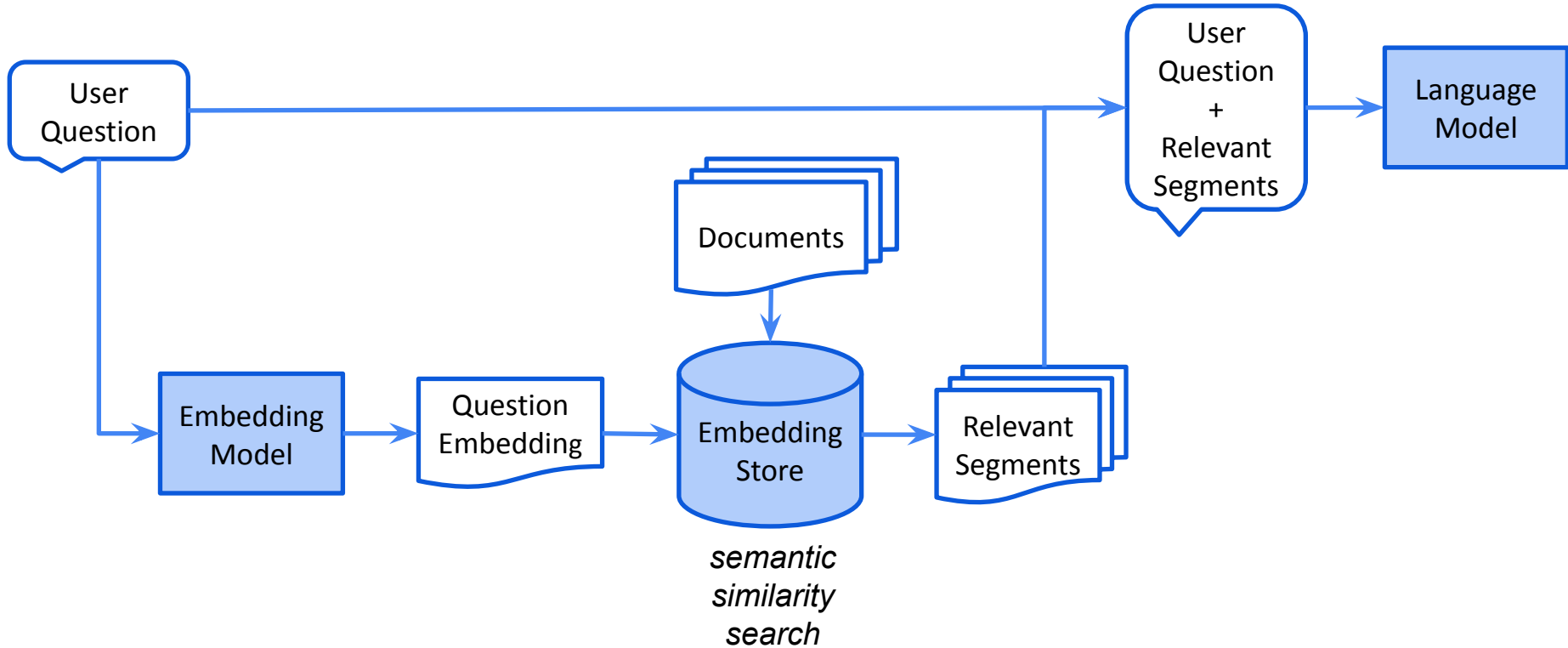


Retrieval-Augmented Generation

Stop hallucinating!



RAG - Retrieval



Demo Time



Enjoy, and happy with your feedback and contributions!



Useful Links

LangChain4j

 Follow @langchain4j



★ Github repo: github.com/langchain4j/langchain4j

Documentation linked in Readme

★ Github examples:

github.com/langchain4j/langchain4j-examples/