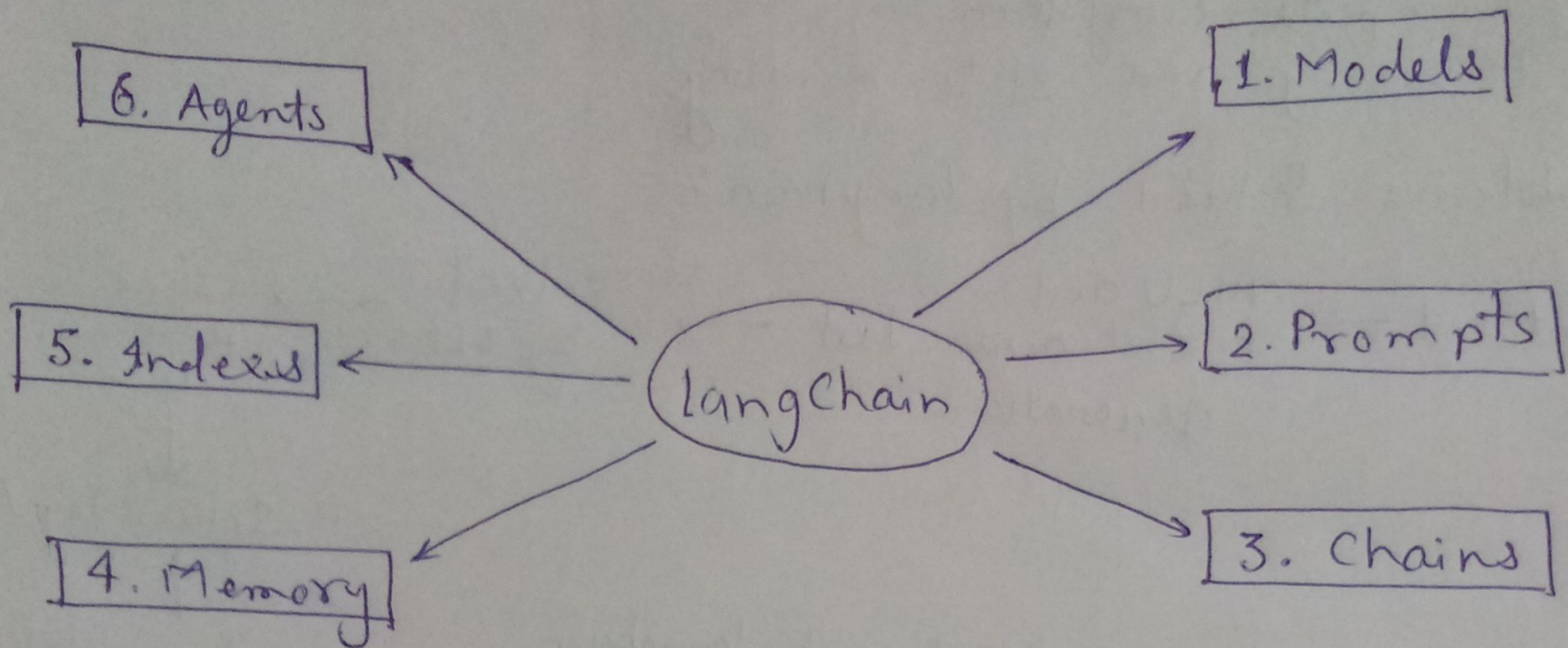


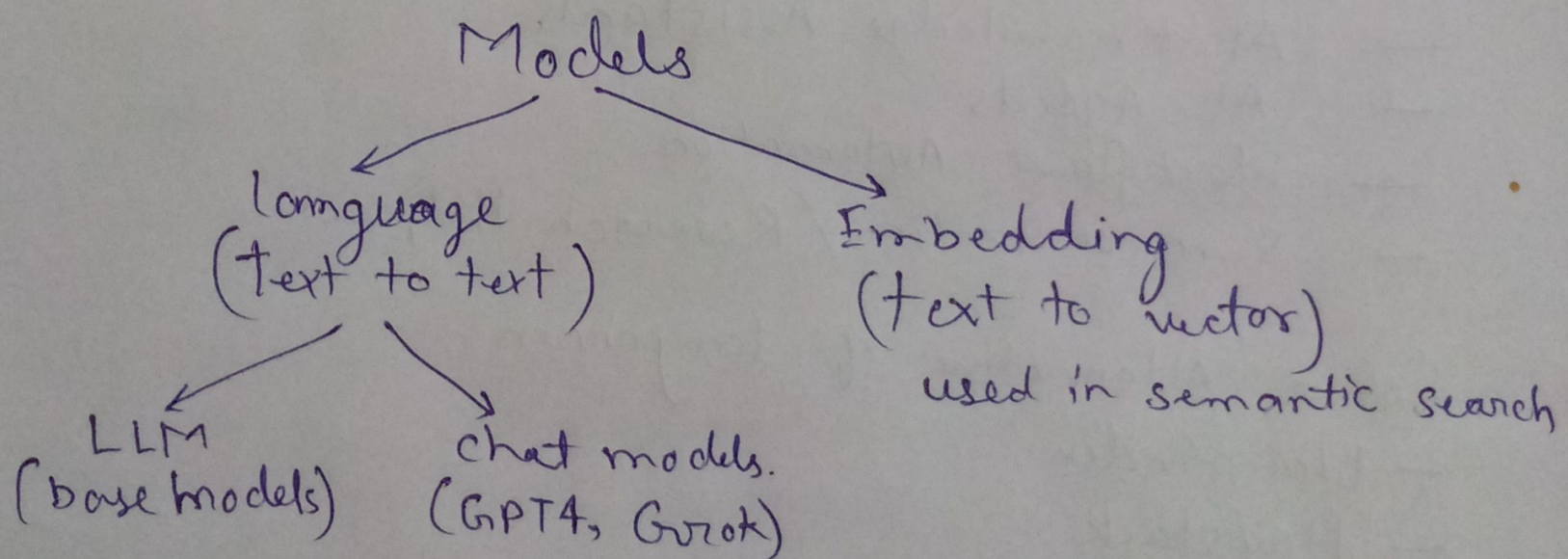
01 Jan 2026

# LANGCHAIN COMPONENTS



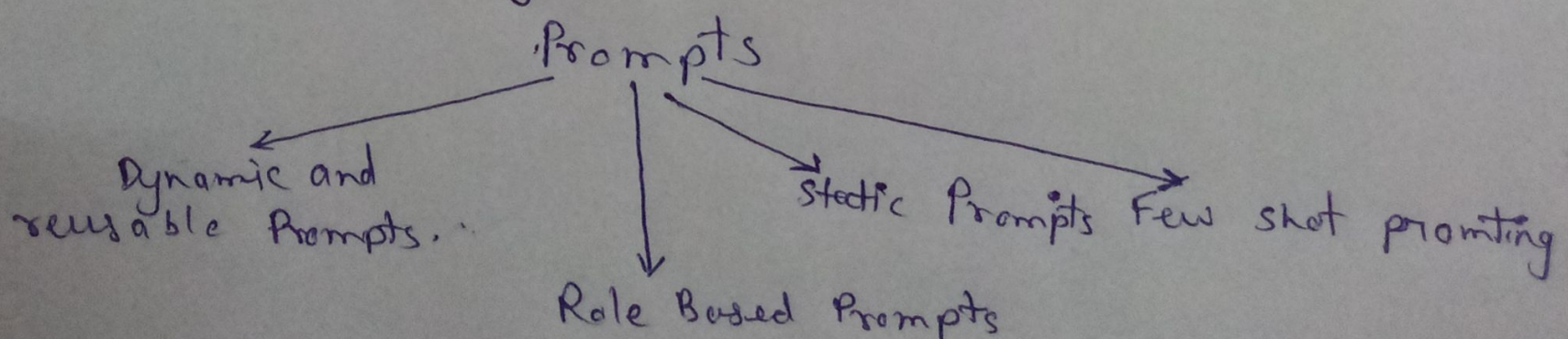
## 1. Models:

- In LangChain "models" are core interfaces through which you interact with AI models
- it designed to interaction with language and embedding models



## 2. Prompts:

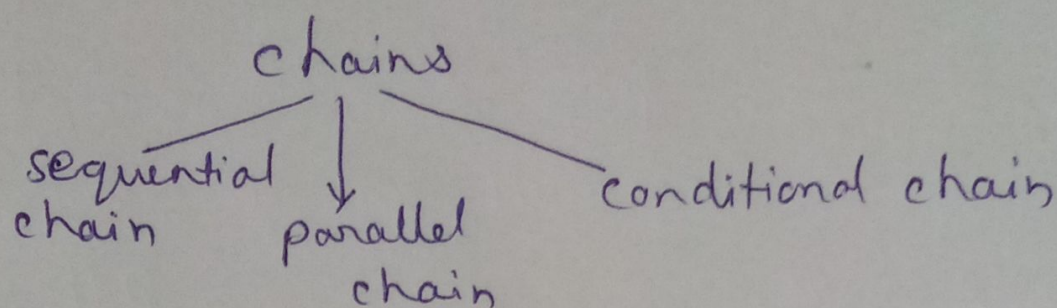
Input provided by user.



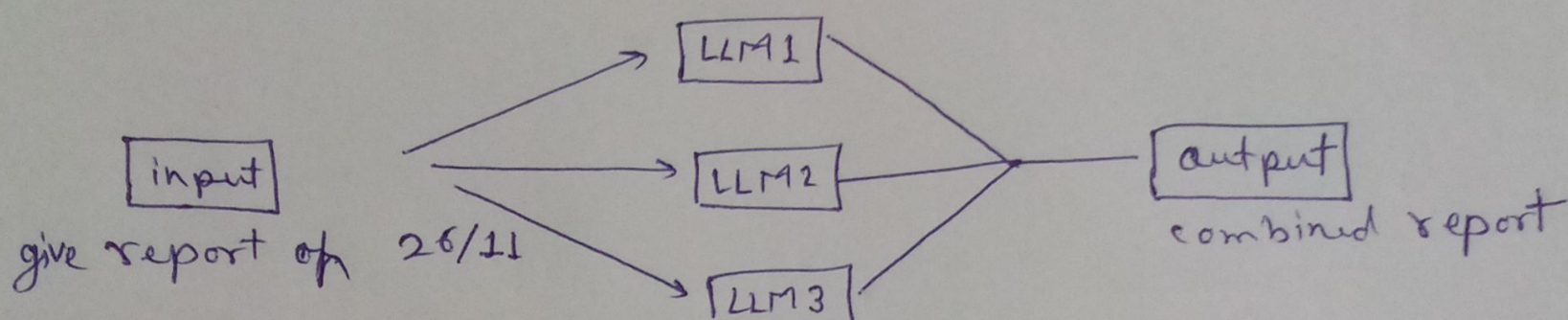


### 3. Chains:

it is used for build the pipeline of the project.  
Here the stage of one output become other's input

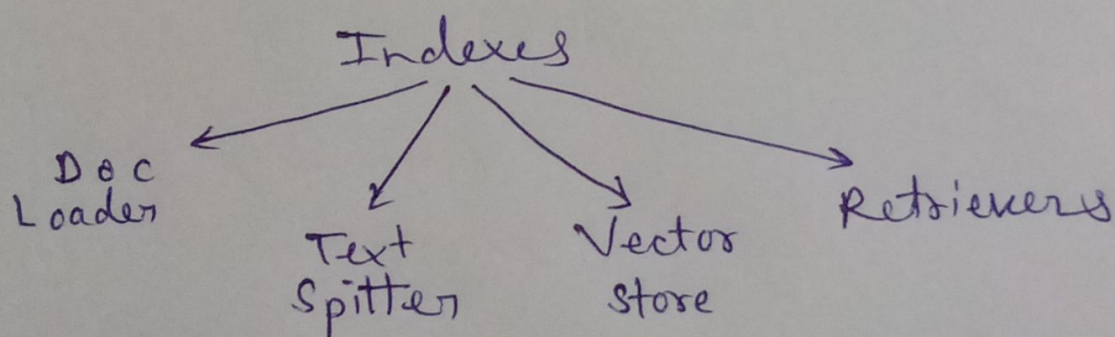


example of parallel chain.



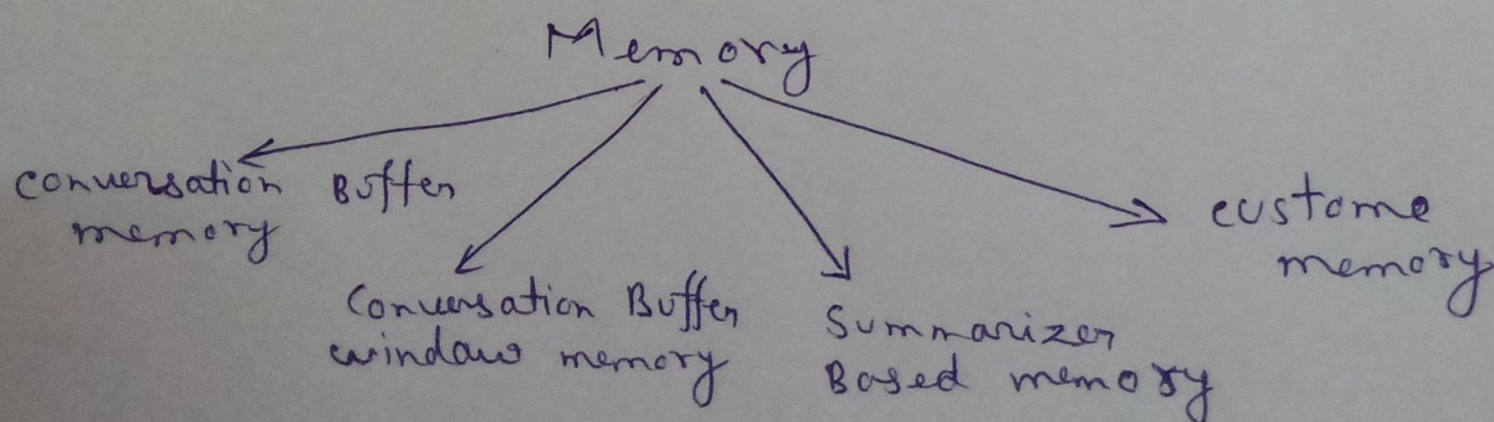
### 4. Indexes:

Indexes connect the application to the external knowledge such as PDFs, website or database.



### 5. Memory:

- each request are independent to each other, current request not have knowledge of previous one if we use the LLM's API.
- LLM API calls are stateless





6. Agents:

All agents have reasoning capabilities and tools.