

LCEL and Runnables

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LCEL - Putting Components Together

LCEL Interface

- Interface that leverages the | pipe symbol to compose LangChain components

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```
from langchain.chat_models import ChatOpenAI
from langchain.prompts import ChatPromptTemplate
from langchain.schema.output_parser import StrOutputParser

model = ChatOpenAI(temperature=0)
prompt = ChatPromptTemplate.from_template(template="Name 5 concepts related to thi")
output_parser = StrOutputParser()

chain = prompt | model | output_parser

chain.invoke({"concept": "probability distribution"})
# Output
# - Discrete probability distribution: This concept...
# - Continuous probability....
# ...
```

Thank You
