Milvus

This notebook shows how to use functionality related to the Milvus vector database.

To run, you should have a Milvus instance up and running: https://milvus.io/docs/install_standalone-docker.md

```
from langchain.embeddings.openai import OpenAIEmbeddings
from langchain.text_splitter import CharacterTextSplitter
from langchain.vectorstores import Milvus
from langchain.document_loaders import TextLoader
```

```
from langchain.document_loaders import TextLoader
loader = TextLoader('../../state_of_the_union.txt')
documents = loader.load()
text_splitter = CharacterTextSplitter(chunk_size=1000, chunk_overlap=0)
docs = text_splitter.split_documents(documents)
embeddings = OpenAIEmbeddings()
```

```
vector_db = Milvus.from_documents(
    docs,
    embeddings,
    connection_args={"host": "127.0.0.1", "port": "19530"},
)
```

```
docs = vector_db.similarity_search(query)
```

```
docs[0]
```