Qdrant

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

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

```python
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()
```

```python
host = "<---host name here --->"
api_key = "<---api key here--->"
qdrant = Qdrant.from_documents(docs, embeddings, host=host, prefer_grpc=True,
api_key=api_key)
query = "What did the president say about Ketanji Brown Jackson"
```

```python
docs = qdrant.similarity_search(query)
```

```python
docs[0]
```