AtlasDB

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This notebook shows you how to use functionality related to the AtlasDB

```python
import time
from langchain.embeddings.openai import OpenAIEmbeddings
from langchain.text_splitter import SpacyTextSplitter
from langchain.vectorstores import AtlasDB
from langchain.document_loaders import TextLoader
```

```python
!python -m spacy download en_core_web_sm
```

```python
ATLAS_TEST_API_KEY = '7xDPkYXSYDc1_ErdTPIcoAR9RNd8YDlkS3nVNXcVoIMZ6'
```

```python
loader = TextLoader('../../../state_of_the_union.txt')
documents = loader.load()
text_splitter = SpacyTextSplitter(separator='|')
texts = []
for doc in text_splitter.split_documents(documents):
    texts.extend(doc.page_content.split('|'))

texts = [e.strip() for e in texts]
```

```python
db = AtlasDB.from_texts(texts=texts,
                        name='test_index_'+str(time.time()), # unique name for your vector store
                        description='test_index', #a description for your vector store
                        api_key=ATLAS_TEST_API_KEY,
                        index_kwargs={'build_topic_model': True})
```

```python
db.project.wait_for_project_lock()
```

```python
db.project
```

Skip to main content

test_index_1677255228.136989

A description for your project 508 datums inserted.

1 index built.

Projections

- test_index_1677255228.136989_index. Status Completed. view online

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Projection ID: db996d77-8981-48a0-897a-ff2c22bbf541

Hide embedded project

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ATLAS

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