

Figma

This notebook covers how to load data from the Figma REST API into a format that can be ingested into LangChain, along with example usage for code generation.

```
import os

from langchain.document_loaders.figma import FigmaFileLoader

from langchain.text_splitter import CharacterTextSplitter
from langchain.chat_models import ChatOpenAI
from langchain.indexes import VectorstoreIndexCreator
from langchain.chains import ConversationChain, LLMChain
from langchain.memory import ConversationBufferWindowMemory
from langchain.prompts.chat import (
    ChatPromptTemplate,
    SystemMessagePromptTemplate,
    AIMessagePromptTemplate,
    HumanMessagePromptTemplate,
)
```

The Figma API Requires an access token, node_ids, and a file key.

The file key can be pulled from the URL. <https://www.figma.com/file/{filekey}/sampleFilename>

Node IDs are also available in the URL. Click on anything and look for the '?node-id={node_id}' param.

Access token instructions are in the Figma help center article: <https://help.figma.com/hc/en-us/articles/8085703771159-Manage-personal-access-tokens>

```
figma_loader = FigmaFileLoader(
    os.environ.get('ACCESS_TOKEN'),
    os.environ.get('NODE_IDS'),
    os.environ.get('FILE_KEY')
)
```

```
# see https://python.langchain.com/en/latest/modules/indexes/getting\_started.html
```

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```
weight: 500;\n          text-decoration: none;\n          color: #000;\n      margin-left: 20px;\n    }\n\n    @media (max-width: 768px) {\n      .header nav {\n        display: none;\n      }\n    }\n  </style>\n</head>\n<body>\n  <header class="header">\n    <h1>Company\n    Contact</h1>\n    <nav>\n      <a href="#">Lorem Ipsum</a>\n      <a href="#">Lorem Ipsum</a>\n      <a href="#">Lorem Ipsum</a>\n    </nav>\n  </header>\n</body>\n</html>
```