

Installation

DocETL can be easily installed using pip, Python's package installer, or from source. Follow these steps to get DocETL up and running on your system:

Prerequisites

Before installing DocETL, ensure you have Python 3.10 or later installed on your system. You can check your Python version by running:

Installation via pip

1. Install DocETL using pip:

```
pip install docetl
```

If you want to use the parsing tools, you need to install the `parsing` extra:

```
pip install docetl[parsing]
```

This command will install DocETL along with its dependencies as specified in the `pyproject.toml` file. To verify that DocETL has been installed correctly, you can run the following command in your terminal:

```
docetl version
```

Installation from Source

To install DocETL from source, follow these steps:

1. Clone the repository:

```
git clone https://github.com/ucbepic/docetl.git  
cd docetl
```

1. Install uv (if not already installed):

```
curl -LsSf https://astral.sh/uv/install.sh | sh
```

1. Install the project dependencies and DocETL:

```
uv sync --all-extras
```

If you want to use only the parsing extra:

```
uv sync --extra parsing
```

This will create a virtual environment and install all the required dependencies.

1. Set up your OpenAI API key:

Create a .env file in the project root and add your OpenAI API key:

```
OPENAI_API_KEY=your_api_key_here
```

Alternatively, you can set the OPENAI_API_KEY environment variable in your shell.

1. Run the basic test suite to ensure everything is working (this costs less than \$0.01 with OpenAI):

```
make tests-basic
```

Troubleshooting

If you encounter any issues during installation, please ensure that:

- Your Python version is 3.10 or later
- You have the latest version of pip installed
- Your system meets all the requirements specified in the pyproject.toml file

For further assistance, please refer to the project's GitHub repository or reach out on the [Discord server](#).