Configuration

The *EvidenceSeeker* pipeline has three main components: a preprocessor, a retriever, and a confirmation analysis component. These components are only loosely coupled and can be configured independently. This allows you to adapt the *EvidenceSeeker* pipeline to your specific needs and use cases. You can configure, for instance,

- the language models used for preprocessing and confirmation analysis,
- the embedding model used for creating and searching the index of your knowledge base,
- the knowledge base used for fact-checking and
- the used prompts for the different components.

There are two ways to configure your *EvidenceSeeker* instance: Initialising configuration objects or via YAML configuration files. If you use the EvidenceSeeker client (see "Getting Started") to set up your *EvidenceSeeker* instance, you will find the configuration files in the **config/** directory of your *EvidenceSeeker* instance.

If you initialise your *EvidenceSeeker* instance programmatically, you can pass config files:

```python
from evidence_seeker import EvidenceSeeker
import asyncio

pipeline = EvidenceSeeker(
    retrieval_config_file="<path/to/retrieval_config.yaml>",
    confirmation_analysis_config_file="<path/to/confirmation_analysis_config.yaml>",
    preprocessing_config_file="<path/to/preprocessing_config.yaml>",
)
# run the pipeline
results = asyncio.run(pipeline("<your statement to fact-check>"))
```

or config objects:

```python
from evidence_seeker (
 EvidenceSeeker,
 RetrievalConfig,
 ConfirmationAnalysisConfig,
 PreprocessingConfig,
)
import asyncio

preprocessing_config = PreprocessingConfig(
    # passing config params ...
)
retrieval_config = RetrievalConfig(
    # passing config params ...
)
confirmation_analysis_config = ConfirmationAnalysisConfig(
    # passing config params ...
)

pipeline = EvidenceSeeker(
    preprocessing_config=preprocessing_config,
    retrieval_config=retrieval_config,
    confirmation_analysis_config=confirmation_analysis_config,
)
# run the pipeline
results = asyncio.run(pipeline("your statement to fact-check"))
```