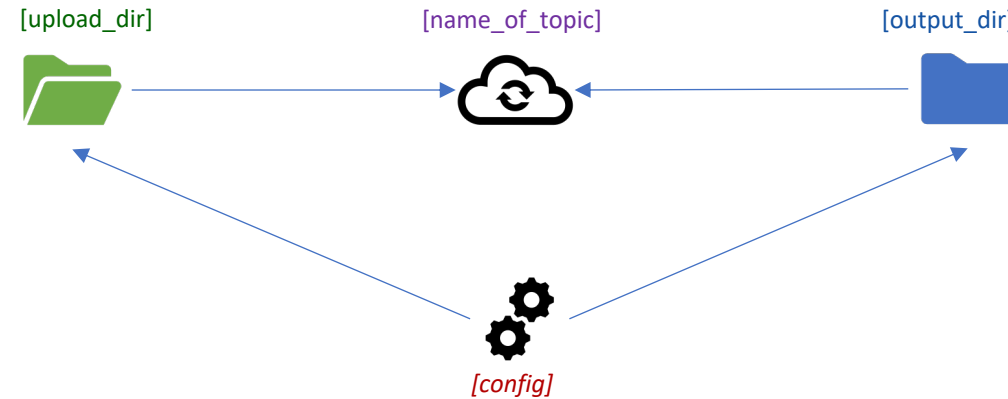


➤ DataFileUploadDirectory

[upload_dir]*
--config [config]*
--topic_name [name_of_topic]*
--n_threads [n_threads]
--upload_regex [regex]
--chunk_size [n_bytes]
--queue_max_size [n_megabytes]
--watchdog_lag_time [lag_time]
--update_seconds [update_seconds]
--logger_stream_level [stream_level]
--use_polling_observer
--upload_existing

➤ DataFileDownloadDirectory

[output_dir]*
--config [config]*
--topic_name [name_of_topic]*
--n_threads [n_threads]
--download_regex [regex]
--consumer_group_id [group_id]
--update_seconds [update_seconds]
--logger_stream_level [stream_level]



[Section header]

Describes how programs are authenticated to the broker

Designates how message keys and values are converted from objects to byte arrays

Assigns a client and group identifier to the client

Indicates whether to automatically commit offsets

```
[broker]
bootstrap.servers = $bootstrap_server
sasl.mechanism    = PLAIN
security.protocol = SASL_SSL
sasl.username     = $username
sasl.password     = $password

[producer]
compression.type = lz4
key.serializer    = StringSerializer
value.serializer  = DataFileChunkSerializer

[consumer]
client.id         = data_consumer
group.id          = create_new
auto.offset.reset = earliest
enable.auto.commit = False
key.deserializer  = StringDeserializer
value.deserializer = DataFileChunkDeserializer
```

Details the server on which the broker is hosted

Provides key and secret of an API key created for the broker

Defines how batches of messages are compressed and decompressed

Tells the consumer where in the log to start consuming messages

Designates how message keys and values are converted from byte arrays to objects

Documentation			
Shared Arguments			
Name	Type	Description	Required
config*	String	Path to a config file including at least [broker] and one of [consumer] or [producer] sections.	Yes
topic_name*	String	Name of the topic to produce to.	Yes
n_threads	Number	Desired number of parallel threads to use. Default is 2.	No
update_seconds	Number	Number of seconds before printing ‘’ to the console and indicating the program is alive. Default is 300.	No
logger_stream_level	String	Indicates the level below which messages will not be processed by the logger's stream handler. Default is ‘info’.	No
DataFileUploadDirectory			
upload_dir*	String	Path to a directory to monitor for files to upload.	Yes
upload_regex	String	Regular expression to pick which files in the directory get uploaded. Excludes hidden and ‘.log’ files.	No
chunk_size	Number	Desired individual chunk size in bytes. Must be a nonzero power of two. Default is 16384.	No
queue_max_size	Number	Desired size of the internal message queue in megabytes. Default is 500MB.	No
watchdog_lag_time	Number	Number of seconds a file must exist for to be sent to production by Watchdog. Default is 3 seconds.	No
use_polling_observer	Boolean	Flag to determine using Watchdog’s PollingObserver. Intended for networked drives, or non-NTFS filesystems.	No
upload_existing	Boolean	Flag to upload already existing files in addition to the ones added to the directory after program start.	No
DataFileDownloadDirectory			
output_dir*	String	Path to the directory that reconstructed files should be put in. It will be created if non-existent.	Yes
download_regex	String	Regular expression to match relative file paths of files you want to reconstruct.	No
consumer_group_id	Number	ID of a consistent consumer group chosen by user. Default is a newly created ID.	No