



How may I assist you today?



Query 313: I would like to use RTDIP components to read from PythonDeltaSharingSource, transform using SSIPPIBinaryFileToPCDMTransformer, then write to SparkEventhubDestination this needs a spark session and return a python code



Here is an example of how you can use RTDIP components to read from `PythonDeltaSharingSource` transform using `SSIPPIBinaryFileToPCDMTransformer`, and write to `SparkEventhubDestination` requiring a `SparkSession`:

```
from rtdip_sdk.pipelines.sources import PythonDeltaSharingSource
from rtdip_sdk.pipelines.transformers import SSIPPIBinaryFileToPCDMTransformer
from rtdip_sdk.pipelines.destinations import SparkEventhubDestination
from rtdip_sdk.pipelines.utilities import SparkSessionUtility

# Create a SparkSession
spark = SparkSessionUtility(config={}).execute()

# Read data from Delta table using PythonDeltaSharingSource
delta_sharing_source = PythonDeltaSharingSource(
    profile_path="{CREDENTIAL-FILE-LOCATION}",
    share_name="{SHARE-NAME}",
    schema_name="{SCHEMA-NAME}",
    table_name="{TABLE-NAME}"
)

data = delta_sharing_source.read_batch()

# Transform data using SSIPPIBinaryFileToPCDMTransformer
transformer = SSIPPIBinaryFileToPCDMTransformer()

transformed_data = transformer.transform(data)

# Write transformed data to SparkEventhubDestination
eventhub_destination = SparkEventhubDestination(
    spark=spark,
```

```
data=transformed_data,  
options={  
    "eventhubs.connectionString": "{CONNECTION-STRING}",  
    "eventhubs.consumerGroup": "{YOUR-EVENTHUB-CONSUMER-GROUP}",  
    "checkpointLocation": "{CHECKPOINT-LOCATION}"/  
},  
trigger="10 seconds",  
query_name="EventhubDestination",  
query_wait_interval=None  
)  
  
eventhub_destination.write_batch()
```

Make sure to replace the placeholder values ({CREDENTIAL-FILE-LOCATION} , {SHARE-NAME} , {S
{TABLE-NAME} , {CONNECTION-STRING} , {YOUR-EVENTHUB-CONSUMER-GROUP} , {CHECKPOINT-LOCATI
actual values.

Response generated in 44.43 seconds.

Your message