

Airflow Log Analyzer

Overview

With project we will create a log analyzer which will analyze the airflow log files and should show the following information:

- The total count of error messages
- A detailed message regarding each error

Source File

| File Name | Description |
|----------------|--|
| logparser.py | Analyze one log file and return number of errors, error list |
| analyze_log.py | Scan and analyze all the log files in a given folder, and print the cumulative information collected |

Output

Log files

| File Name | Description |
|--------------|--|
| analyze1.log | Result of analyzing logs under '/home/chu/airflow_docker/logs/dag_id=d_marketvol' In total 2 errors. |
| analyze2.log | Result of analyzing all the airflow logs, e.g. log files under '/home/chu/airflow_docker/logs' In total 574 errors |

Sample log file for analyzing

| | |
|-----------------|---|
| 'attempt=1.log' | This is the log with errors that was analyzed in 'analyze1.log' |
|-----------------|---|