leaplogic

Automated workload transformation from DataStage to AWS Glue

The freedom of the cloud is on the horizon. But the path to modernization is challenging. LeapLogic is the only product to automate migration and modernization of any legacy ETL, data warehouse, and analytics system. LeapLogic automates up to 95% of migration to an AWS-native stack.

Here's a demo of how LeapLogic simplifies the migration of DataStage legacy workloads to AWS Glue.

It first assesses the existing DataStage workloads and provides data-driven insights. We uploaded 2 files, containing 34 jobs and 372 components. The system was able to analyze 95% of the ETL scripts, which means it will automate the transformation of almost all DataStage scripts to the Glue equivalent.

Based on various parameters, LeapLogic calculates the level of complexity for each file. This helps identify the nature of workloads and level of transformation effort required. Here is an

in-depth analysis of all jobs and components for the files along with the auto-conversion rate. A comprehensive, graphical lineage showcases complex interdependencies between different workloads. It highlights dependencies between the scripts, used and impacted tables and more. Reports with comprehensive insights can be downloaded for offline use.

Next, LeapLogic's intelligent transformation engine converts the DataStage jobs and components to the Glue equivalent. We have configured the DataStage ETL scripts that we want to transform and selected AWS Glue as the target. Let's see the results.

The transformation report shows the converted DataStage ETL jobs and components containing connectors, join functions, transformer functions and more.

Let's download the converted package containing the Glue equivalent and import it as a Glue pipeline in the AWS environment. We have logged in to the AWS portal, initiated the Glue service, and imported the converted code into Glue.

Here is the converted code snippet. All DataStage jobs and components have been converted successfully, along with the business logic. Now we can execute the imported package. This concludes the Transformation step.

LeapLogic also automates rigorous validation tests and handles orchestration, so you'll reach your destination sooner and avoid business disruption.

And when you do, LeapLogic assists with cloud optimization and capacity planning, ensuring performance of the workloads in your new AWS-native stack. Choose LeapLogic to take you to AWS faster, at lower cost and with lower risk.

It's more than the next step. It's a leap into the future of your business.