



Automated workload transformation from Ab Initio to AWS Glue

VIDEO TRANSCRIPT

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 Ab Initio legacy workloads to AWS Glue.

It first assesses the existing Ab Initio ETL scripts. Here is a summary of the assessment insights. We uploaded 2 files, containing 67 components. The system was able to analyze 100% of the ETL scripts, which means it will automate the transformation of all Ab Initio 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 input and output sources, total file components and 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.

Detailed reports with comprehensive insights can be downloaded for offline use. Next, LeapLogic's intelligent transformation engine converts the Ab Initio components end-to-end to the Glue equivalent.

We have configured the Ab Initio ETL scripts that we want to transform and selected the target as AWS Glue.

Let's see the results.

The transformation report shows the converted Ab Initio ETL components containing roll up and normalize functions, Spark Sequel executor algorithms, reformat expressions, join functions, export functions and more.

Let's download the converted package containing the AWS Glue equivalent code and import this 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 Ab Initio components have been converted to the Glue equivalent successfully, along with the business logic.

Now we can execute this 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.