



May 2023

# DataDios

## Server to Parallel (S2P)

### Contact Us

nFolks Data Solution LLC,  
156<sup>th</sup> Ave NE, Suite 100 Building F,  
Bellevue, WA 98007  
+1 (425) 533-9681

## Overview

DataDios Cloud Accelerator platform offers a robust feature called S2P Converter, which enables the conversion of DataStage Server jobs to DataStage Parallel jobs.

- The system smartly manages jobs by incorporating additional stages based on the existing job design to enhance overall performance with an efficient process that limits risk to coding error and dramatically reduces time effort
- DataStage NextGen does not support server jobs and server routines. For accomplishing migration to Cloud Pak for Data; Server jobs/routines need to be converted to parallel jobs.
- In case you want to convert the Server jobs to Parallel, it would be a time-consuming and error-prone task which requires a lot of effort.
- Our team of professionals have worked with different clients and environments with massive experience over the years. The S2P Conversion process requires limited involvement from your internal IT team, allowing you to focus on other business priorities.

## THE PROCESS

### 1. Create Workflow

- To initiate the P2P conversion process, click on Create Workflow, provide a workflow name and description (optional)
- Select Source and Target stages.
- Select the DataStage code export in XML format.

### 2. View Summary

The summary report presents the overall count of jobs, routines, shared containers, stages, and other relevant information.

- Job Distribution: It refers to the number of Server Jobs, Parallel Jobs, and Sequence Jobs in the provided source code.
- Stage Distribution: The Stage Distribution feature provides the total count of each individual stage used in the provided source code.
- Routine Distribution: It provides information on the total count of custom routines and built-in routines present in the source code.
- Complexity: It is determined at the job level and is influenced by various factors, including the total number of stages, transformers, and deprecated stages

### 3. Convert

- The built-in server routines can be converted to parallel for both Windows and Unix environments.
- Users have the option to add a prefix and suffix to the job name.
- Download the S2P converted file.

### 4. Conversion Report

The summary report furnishes details on the total number of converted jobs, routines, and stages, along with a side-by-side graphical display of the original and converted jobs.

### 5. Import Summary

The import summary for the converted code can be downloaded in CSV and PDF formats.

### 6. Logs

- All conversion modifications have been recorded with a timestamp.
- It offers the capability to review conversion changes or errors at a specific time.

