Rocket software

Rocket Software File Comparison

A Field Developed Solution (FDS) powered by Pentaho Data Integration

™

Streamline Mainframe Migration Testing with Automation

Test automation tools play a pivotal role in mainframe migration, significantly minimizing testing efforts while ensuring accurate, efficient test cycles. At Rocket Software, we employ a proven methodology to deliver high efficiency and quality throughout migration projects. A key element of this approach is our **File Comparison FDS.**

Rocket Software File Comparison FDS

The most reliable method to certify a successful migration is comparing output data from both source and target systems. This includes:

Output Data Types

Compare reports, flat files, and database updates.

Text vs. Mixed Files

Process files with mixed text/binary data (EBCDIC vs. ASCII) before comparison.

Database Comparisons

Use UNLOAD snapshots to handle character encoding differences and datatype variations between source and target systems for offline analysis.

Our solution leverages Pentaho Data Integration, an open-source ETL tool, to handle these challenges, ensuring efficient and accurate file and database comparison.

Key Benefits

Cross-Platform Data Comparison

Supports file and database comparisons across various environments (EBCDIC, ASCII, Db2®, IMS™, Oracle®, VSAM, etc.).

Efficient Resource Usage

Comparison processes are primarily executed on the target test system or a dedicated system, minimizing CPU and disk space usage on the source system.

Reusable Transformation Templates

Pre-built templates for handling RDBMS, VSAM, IMS, and COBOL data files simplify the setup process and increase efficiency.

Data Masking and Handling of Variable Data

Automatically masks non-comparable data fields like timestamps and handles different file formats (fixed and variable length).

Package Content

File Comparison Workbook
Step-by-step guide with detailed end-to-end instructions.

Pentaho PDI Templates
Pre-configured transformation templates for RDBMS, VSAM, and IMS.

Cobol Copybook Integration
Tools to derive data definitions directly from COBOL copybooks.

On-the-Job Training
5 days of dedicated, on-the-job training.

Pentaho Plugins
For COBOL data files.

Reusable Demos
Covering key use cases such as fixed and variable-length file comparison, RDBMS comparison, and cross-encoding data comparison (EBCDIC vs. ASCII).

Excel Add-In
For formatting and analyzing Pentaho diff reports.

Conditions

Rocket Software File Comparison is provided as a Field Developed Solution (FDS).
An FDS is a packaged, field-developed enhancement, utility, or product add-on that:

- Is not available in the current Generally Available (GA) release of the associated product and is therefore deemed "new functionality".

- May be implemented more quickly than designing and building the required new functionality "from the ground up".

- Is delivered "as is," and the terms of the Maintenance and Limited Warranty sections of the Rocket Software End User License Agreement do not apply.

Rocket Software File Comparison is available under a Usage Right FDS Agreement, limited to a specific project scope. Support or subscription agreements do not apply.

Additional T&E Services

Rocket Software File Comparison is provided as a Field Developed Solution (FDS). An FDS is a packaged, filed-developed enhancement, utility, or product add-on that:

- Creation of Pentaho PDI transformation for all data files in scope.

- Extended support beyond the initial 5-day on-the-job training period.

Get Started Today

The Rocket Software File Comparison FDS is an efficient, field-tested solution designed to accelerate and improve the quality of your migration projects.

For more information or to make a purchase, talk to an expert today.