



What's New In PDI 4.4



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What's New in 4.4?

There are several major changes between Pentaho Data Integration 4.3 and 4.4.

Pentaho Data Integration (PDI) Operations Mart

- **The new PDI Operations Mart enables administrators to collect and query PDI log data into one centralized data mart for easy reporting and analysis.**
 - The operations mart has predefined samples for Pentaho Analyzer, Interactive Reporting, and Dashboards. Individualized reports can be self-crafted.
- Sample inquiries include
- How many jobs/transformations have been successful vs. failed in a given period?
 - How many jobs/transformations are currently running?
 - What are the longest running jobs or transformations in a given period?
 - What is the highest failure rate of job/transformations in a given period?
 - How many rows have been processed in a particular time period? This allows you to see a trend of rows/time in time series for selected transformations.
 - The operations mart provides setup procedures for MySQL, Oracle, and PostgreSQL databases.
 - Install instructions for the PDI Operations Mart are available in the Pentaho InfoCenter.

New Concat Fields Step

- **The Concat Fields step is used to concatenate multiple fields into one target field.**
 - The fields can be separated by a separator and the enclosure logic is completely compatible with the **Text File Output** step.
 - This step is very useful for concatenation of fields as key/value pairs for the Hadoop **MapReduce Output** step.

New SAS Input Step

- **The new SAS Input step reads files in sas7bdat format created by SAS software.**
 - This new step allows PDI developers to import files in sas7bdat format.

New EDI to XML Step

- **The EDI to XML step converts EDI message text, which conforms to the ISO 9735 standard, to generic XML.**
 - The XML text is more accessible and allows for selective data extraction using XPath and the **Get Data From XML** step.