Introduction

EIQ2 provides a range of parameter driven monitoring reports to help track the ETL Data Warehouse status and make aware of any management issues. In challenging times, good decision-making becomes critical. The best decisions are made when all the relevant data available is taken into consideration. Dashboards and power pivots are visual, real-time reflections of operational activities.

EIQ2 monitors processing and active tasks and provides an array of ease-of-use reports (Status, Trends, Counters, Dashboards, Process Flows, Graphs and KPIs, Drill-Downs etc.) in an easily consumable format, to support the administration and maintenance of the ETL Data Warehouse solution. Some of these reports concentrate on ETL process flows, such as timings, record counts and data changes. Other reports focus on historical comparisons, data cleansing and auditing and error management.



While helping to recognize issues before users experience degradation in performance or possible availability, these reports make it easier to ensure that the ETL Data Warehouse environment is running as expected.

EIQ2 server ETL reports reflect the following categories:

* Activity (2 Reports)
* Administration (12 Reports)
* Dashboard (1 Report)
* Database - Object (2 Reports)
* Environment (2 Reports)
* Load (6 Reports)
* Metadata (12 Reports)
* Sizes - Counts (3 Reports)
* SSIS (3 Reports)
* SSRS (7 Reports)
* Transformation (14 Reports)

EIQ2 provides server ETL information that is decision ready. It allows the analysis of current and long-term trends, instant alerts to possible problems, and provides continuous feedback on the effectiveness of decisions been made. Having immediate access to current, actionable information, can make a huge difference.

**Front End (Sample Report):**

*Note: Areas highlighted in Blue, reflect Drill-Downs*

Activity

EIQ2 provides end-to-end auditing as well as administrative support for tracking activity and runtime process flows. This kind of reporting gives a clear picture of the current state of operations and for informational and trouble-shooting purposes, assists in isolating possible issues.

End-to-end activity auditing is not only required for the review of ETL processes and compliance, it is necessary for the analysis of database actions, security changes and trouble-shooting problems. For analysis and validation of process completion, EIQ2 shows activity auditing at both summary, detail, and highlights the run time and status for each step of the process.



* Audit Log - Latest
* Audit Log - Summary

## Audit Log - Latest

**Availability: Via Drill-Down**

Auditing helps to confirm that there are no abnormalities in the data, and eliminates ambiguity by trapping and tracing runtime processes. In some cases, audit logging is considered a luxury, a non-essential that can be added if time permits. However, skipping this critical element will generally lead to confusion over why and how the data looks like it does.

**Sample Report:**

## Audit Log - Summary

**Availability: Via Portal**

When problems arise, they are very often rooted to transformations: cleansing processes, deduplication, and other issues, which can lead to unexpected outputs in the data. When data traverses the runtime processes, EIQ2 meticulously logs every step that occurs, capturing both a before-and-after picture of the data. The purpose of this report is to summarise query and process performances.

**Sample Report:**