QueryManager – Product Overview

Overview

Query is one of the most popular iSeries products. Over the years most businesses have created hundreds, if not thousands, of queries for reporting and data extraction purposes. They are often utilised to such an extent that they form an integral part of business processes. QueryManager (QM) has been designed to make the management, analysis and control of these queries easier.

Benefits and Features

Providing Information for Control and Analysis

At present, very little information is provided about the queries on the iSeries. QM will address this problem by providing detailed information about these queries including:

- How many exist
- How often they are used and by whom
- How efficient they are
- Where they reside
- Where and when they are used
- What they do
- What fields are used
- What files they create
- Who created them and when

Managing Queries

Currently the only way to group queries is to place them in separate libraries. QM offers the flexibility to group queries into a number of different projects. For example, projects may be created for test and live environments, for individual departments or for specific business processes.

Improve Performance

Query often causes serious overheads on the iSeries and can affect critical business operations. QM can identify how much CPU the queries use and recommend a number of enhancements such as the building of permanent access paths to help alleviate this situation. Optionally, QM may also be used to create these access paths.

Reducing Development Time

- **Upgrading or moving to new ERP applications**

  Upgrading to new applications may make existing queries inoperable.

  Firstly, queries may need to be amended to reflect changes to library, file or field names. Using QM it is possible for global overrides to be enabled to reflect these new naming conventions.

  Secondly, changes in data structure may necessitate the need to alter a number of queries. QM will make locating and identifying these queries easier by detailing where affected files and fields are used.

- **Data Classification**

  Every business at some point needs to introduce new or modify existing data classifications, for example, product groupings or customer analysis codes. Presently, such changes require the identification and amendment of a number of individual queries. QM can help identify those queries that require new classifications to be added by identifying where fields are specified. Additionally, it can perform global field overrides, for example, changing a code from one value to another.

- **Eliminate Query Replication**

  The same or a similar query is often re written simply because an existing one cannot be found. The information relating to file and fields will allow an existing query to be identified so that it may be re-used or amended.