

# Query/400 Audit



Most IS Managers are concerned about the proliferation of Query/400 and the operational consequences of running Query/400 --- with the impact on AS/400 machine performance and security over data usually being their biggest worries. Monitoring how an organization is using Query/400 isn't always straightforward since there are no standard housekeeping reports to assist.

## *Why bother?*

How much do you know about Query/400 use in your organization?

Do you know...

- How many queries your users have created?
- Who created them?
- Who owns them?
- Where they are stored?
- How often new queries are being developed?
- Which queries are run most often?

With more pressing things to do, managing this challenge can be both a nuisance and tedious. Momentum's Query/400 Audit:

- Shows you how Query/400 is being used
- Provides background analysis to assess whether changes to your implementation of Query/400 are needed
- Delivers software tools to help tackle some of the problems associated with unused queries, ownership and library usage

Momentum's Query/400 Audit puts you in control.

## *How does it work?*

'Simply' is the answer ... four easy steps.

1. We provide instructions to create a report of query usage from information held on your system.
2. The resulting report is delivered to us as a spool file, ideally by email.
3. We then undertake the analysis and deliver the results to you.
4. We provide the software tools so you can tidy up some of the inconsistencies highlighted.

## *Benefits...*

Query/400 Audit provides a snap shot of Query/400 usage and is:

- Cost effective ... cheaper than specifying the analysis and doing it yourself
- Practical ... highlights the issues and offers some recommendations and solutions
- Informative ... provides the analysis needed for decision making and action
- Essential ... puts you in control
- Speedy...the average analysis is turned around in a day.
- Thought provoking ... you don't need to act on any of the conclusions but you might want to!

## *Are you in control of Query/400?*

Our Query/400 Audit reviews the use of Query/400 in your organisation, providing a detailed analysis of the way in which queries are stored, produced and managed. By simply taking an AS/400 spool file, we are able to analyse the data and to produce a report, graphically summarizing appropriate information, including:

- Summary of Query Usage
- Query evaluation by Library
- Query evaluation by Owner
- Query evaluation by Creator
- Unused Queries
- One off Queries
- Query Creation History
- Query Usage History
- Most Frequently run queries.

## *How do these evaluations help?*

Using this analysis it is possible to understand the dynamics of query usage in your organization. It will highlight potential shortcomings. By taking action to rationalize libraries, remove obsolete queries and review the performance of the most used queries, you are back in control. Improving the management, efficiency and operational performance of your AS/400 systems.

### **Query Evaluation by Library**

Query/400 Audit will identify where queries are stored ... often in more libraries than you expected. If these are scattered, it may be appropriate to consolidate or categorize the queries into dedicated libraries. Queries left in 'test' libraries that are no longer used could be deleted.

### **Query Evaluation by Owner**

Owners of the various queries will be identified. By knowing who owns them it is often easier to understand why and how they are used - if they are used at all!

### **Query Evaluation by Creator**

How many users create queries in your organization? If it's a lot do they have the skills to do this task? Should consideration be given to more 'training' or 'specialization' of the query creation task to a dedicated group?

### **One off Queries**

One off queries will be identified. If these queries have been used only once then perhaps they should be removed?

### **Query Creation History**

Do you know if Query/400 is still an important part of your operations? Do queries continue to be created and if so is this significant?

Widespread use of Query/400 isn't usually desirable for both operational and security reasons.

### **Query Usage History**

This will identify which queries have not been recently used. You would need to look at those queries that had not been used for sometime and see if they were really still required.

### **Frequently Used Queries**

Queries that are run frequently may benefit from conversion to a compiled program.

### *Tools to help*

Included with this service are three tools which enable you to easily:

- Remove unused queries
- Rationalize library usage
- Consolidate query ownership

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*The Query/400 Audit provides you with an important snap shot of Query/400 usage in your organization*

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**For further details contact Momentum or visit [www.jacana.com](http://www.jacana.com)**

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