2006 B2B Customer Conference
B2B – Catch the Next Wave

Query Subsystem

WebSphere software
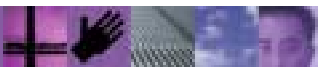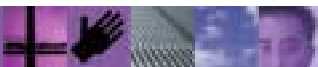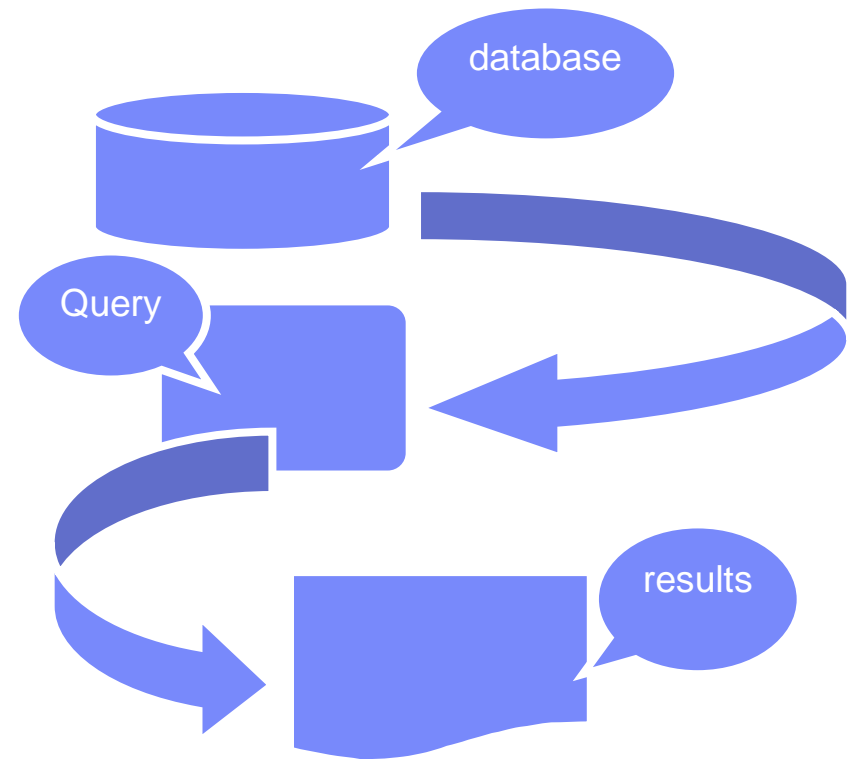
Query Subsystem

- Benefits of Custom Queries
  - ➢ Default Queries – Find, All
  - ➢ Use cases for custom queries
- Defining a new query
  - ➢ Assigning columns
  - ➢ Sorting
  - ➢ Filtering
- Assigning the Query to a List Window
- Example
  - ➢ Message filtering query

Query and the database

- A Query operates against the database to identify the data to be display
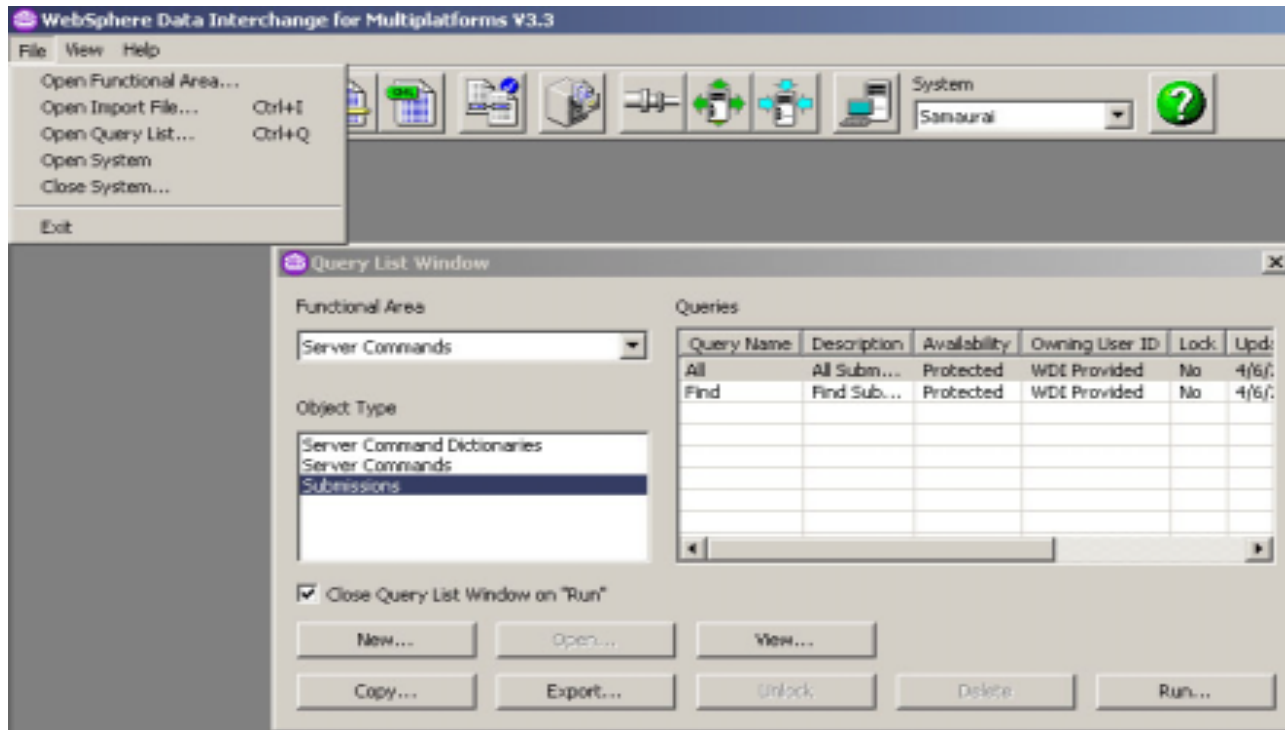- Each instance of data is a row

Benefits of Custom Queries

- WDI provides a Find Query
  - ➢ Which prompts the user for a key value to select a row
- WDI provides an All Query
  - ➢ Which displays all rows for an object, e.g. Trading Partners
- Custom Query allows for
  - ➢ Selection of which data rows are displayed
  - ➢ Selection of which columns in a row are displayed
  - ➢ Reduces search time and network traffic
- Use cases for custom queries
  - ➢ Allow display of a subset of objects, e.g. all trading partners with ADMIN1 in TP user field 1
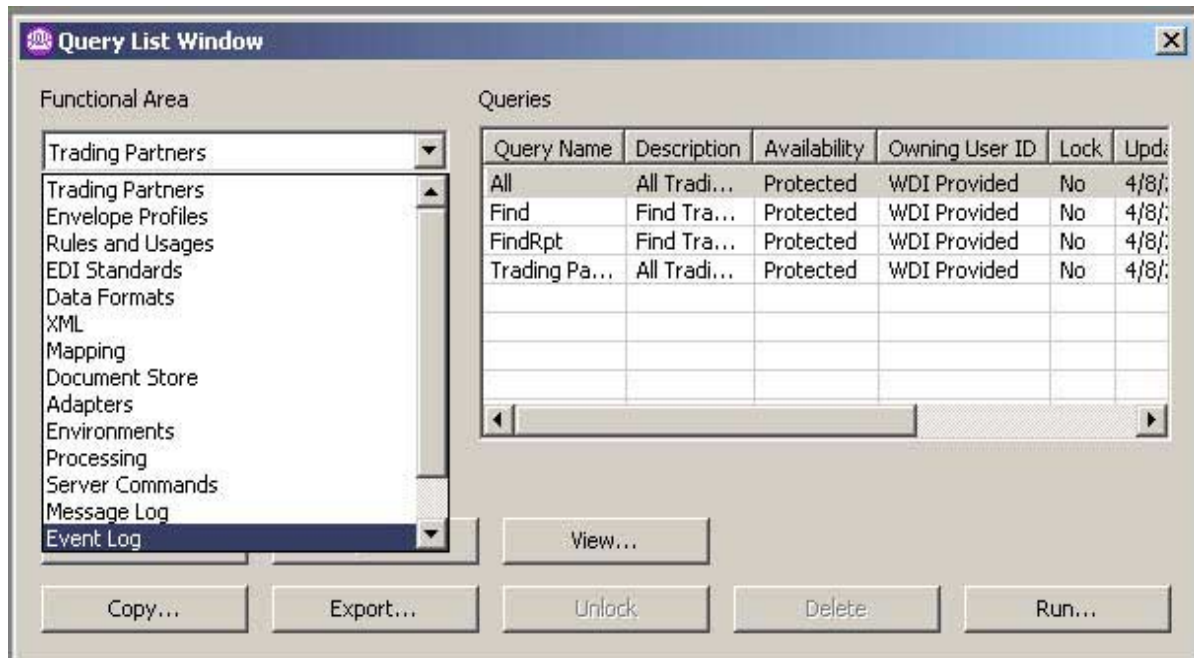 - ➢ Allow display of all maps that begin with MMP

Defining a new query

- From the File Menu, select the Open Query List functions
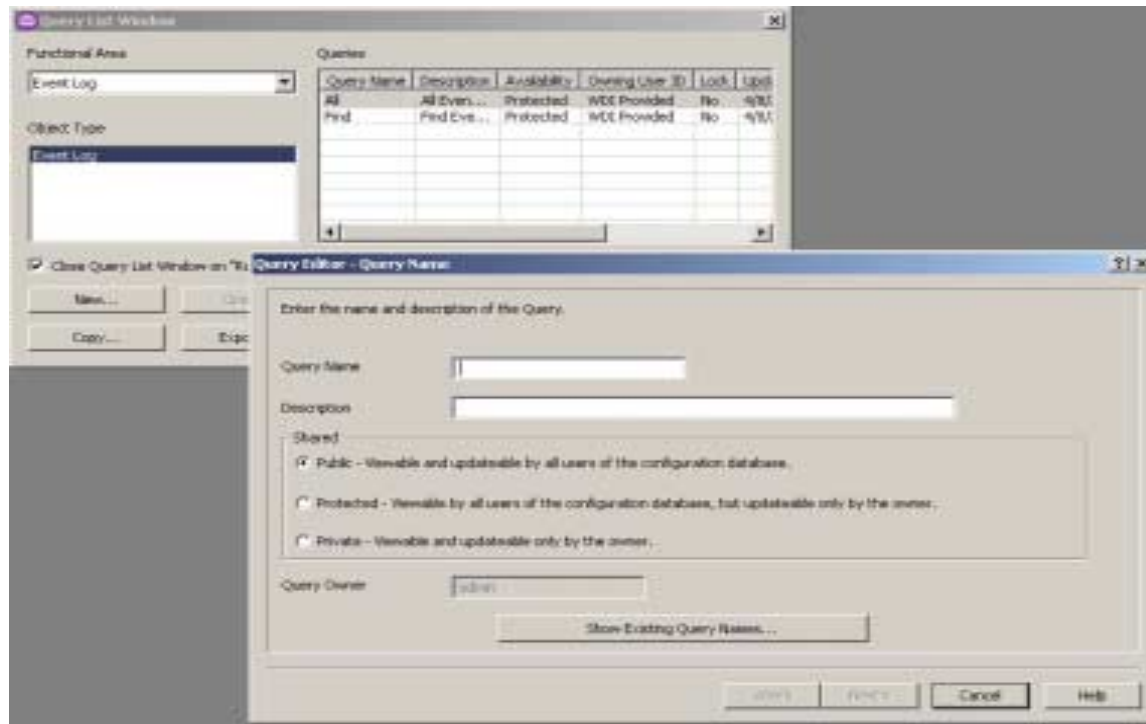- Then select the Functional Area and Object Type, and click on "New"

Defining a new query

- There are a number of functional areas, select the one that represents the list you wish to customize
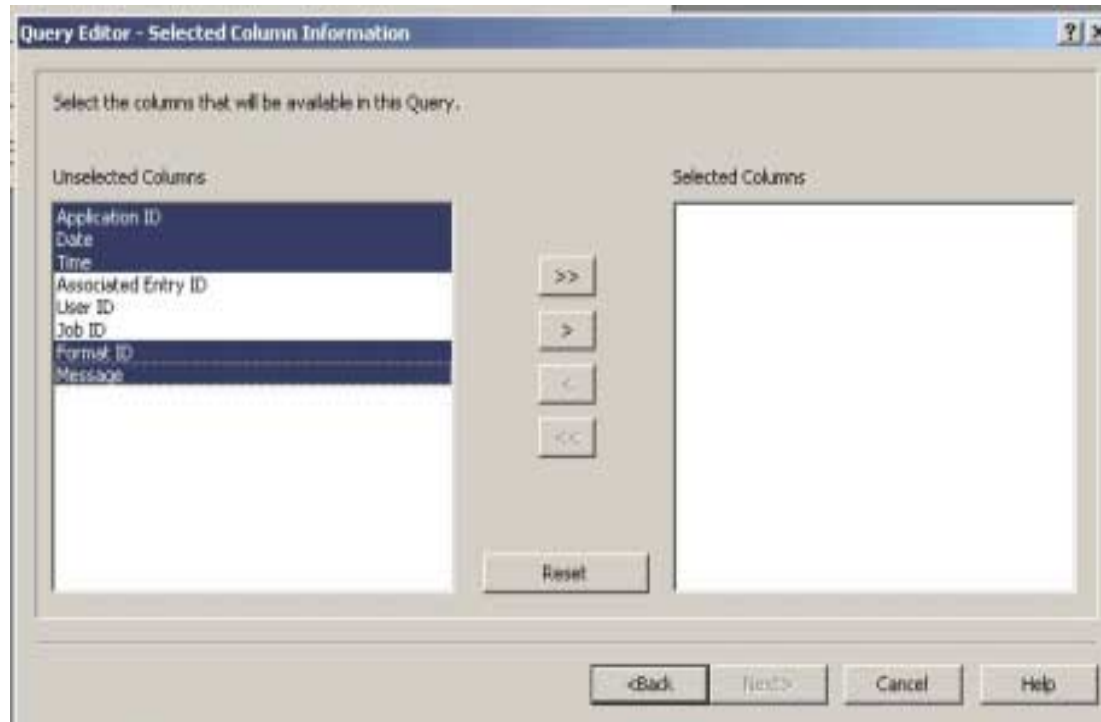
Defining a new query

- Type the information required and click on "Next"

Defining a new query – identifying columns to be used

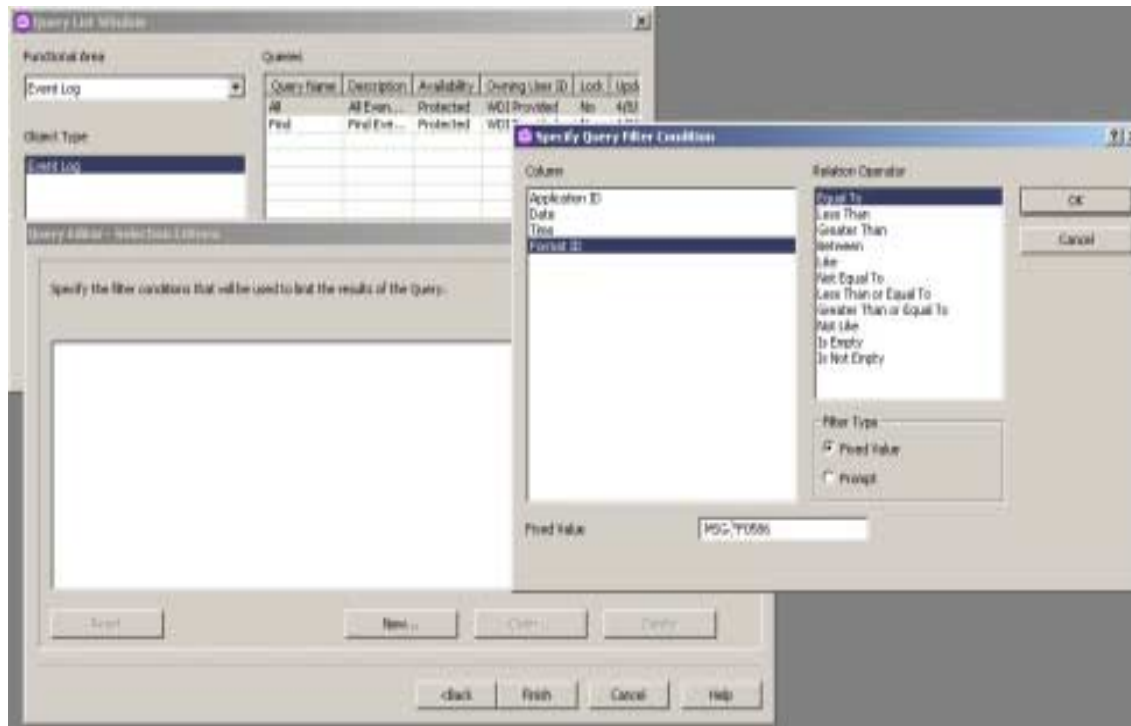- Select the columns and transfer them from "available" to "selected" with the ">" button

Defining a new query – defining the column sort

- Select the columns that will sort the data and transfer them from "available" to "selected"
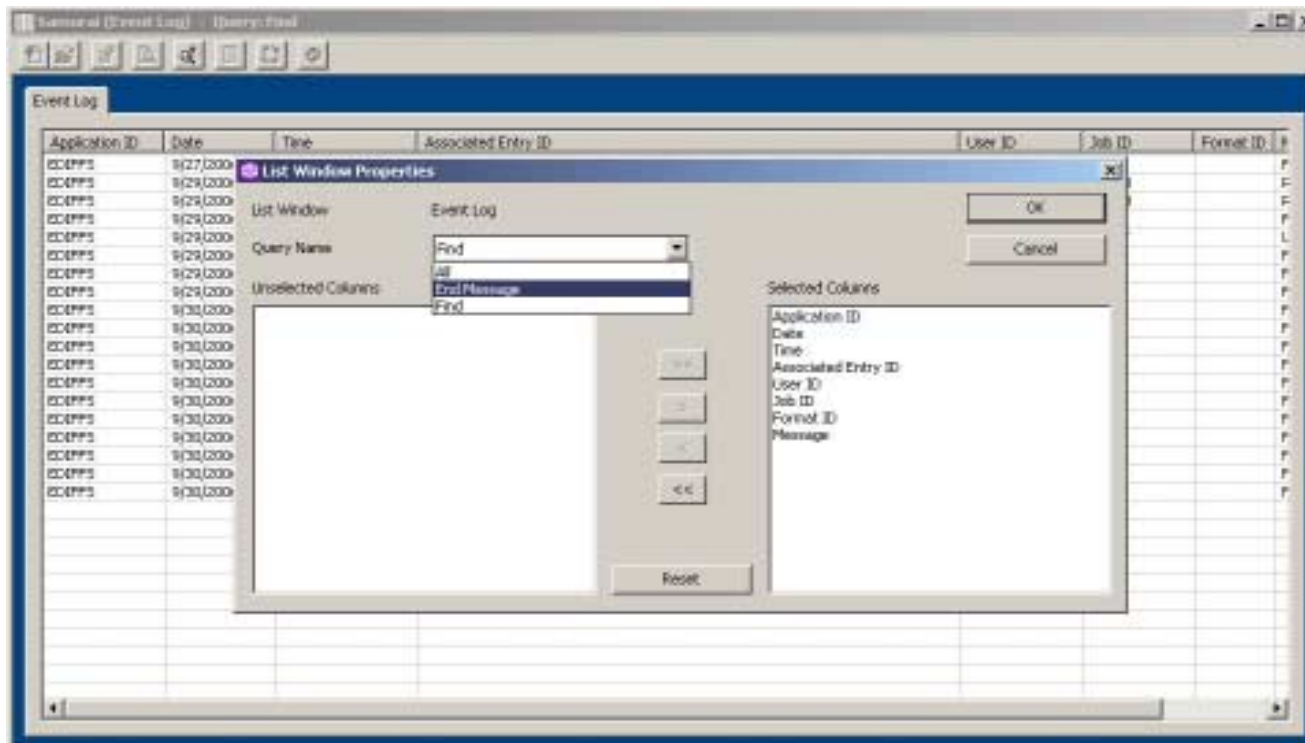
Defining a new query – filtering data

- Filtering is defining a set of values that will "accept" or "reject" a row from the solution set – the rows that will be displayed
- Select the column to filter and the value to filter by
- Use multiple filters if needed
- When all filters have been provided, click on "Finish" to save the Query

Assigning the Query to a List Window

- From the object List Window, select the "properties" button
- Select the query desired from the dropdown for Query name
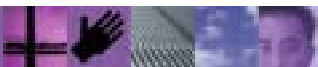- Click "OK"

Example

- Filter the Event Log so that only FF0586 messages are shown
- See the "End Message" Query

Summary

- Queries determine the amount of data to be displayed
- Query subsystem is accessed from the File Menu
- Queries can restrict columns show, sort rows, and filter rows based on custom criteria
- Query is assigned to an object as a default query, and can be overriden or changed at any time

Questions

- Thank you