

Performance Management Plus Advantages

PM+ Data Access APIs in an Interactive Application

It is possible to use the Data Access APIs in an interactive application. The APIs can replace the native functionality built into the application. This functionality would have to be turned off to prevent duplication of effort. The benefits would be:

- Able to write more complex SQL statements using parenthetical operations
- Simplify existing SQL statements making them easier to maintain and modify
- Maintain referential integrity through the use of transaction boundaries
- Control of commit and rollback
- Data selection is not bound by any business view attached to the application
- Reduces the need for a master business function to be incorporated into the application
- Easily affect data in different data sources
- Data selected by the APIs can be easily displayed on a grid using the existing grid functionality

Generic Statistics Collection

Advantages over JD Edwards OneWorld Analyzer Tool

- Minimal overhead added to a process to collect statistics
- The jdedebug.log is not used in the capture process
- No need to run a special event capture process
- Automatically collects statistics every time the process is run
- Statistics collected regardless of where the process is run; locally, on the web, or on the server
- Captures statistics to the level of detail defined by the user
- The Generic Statistics system functions the same way in Xe, ERP8, E89, E810 and E811
- Performance statistics stored in a database table allowing you to generate historical overviews
- Statistics can simply be turned off and on at the users discretion using the workbench
- Can be used real-time by “end-users” to monitor their programs progress
- Displayed in an easy to understand tree structure the statistical data can be arranged by any combination of user, process and run date
- Historical statistic data can be purged
- Coming in the next release
 - Proactive administrators/end users early warning system if processes exceed user-defined thresholds
 - Performance trend analysis reporting
 - Support for E812

Advantages over Performance Workbench

- No need to turn on the jdedebug.log which severely affects performance
- Minimal overhead added to the process to collect statistics
- Plus the advantages mentioned under the JDE OneWorld Analyzer.