

hp data sheet



hp data browser software

Data Browser software, a component of the HP Performance Management Bundle for NonStop servers, provides powerful performance data reporting.

features at a glance

- Customizable views show ODB information
- Drill links performance information to related entities
- Graph Center shows data in graphical form
- Filter options create new data sets

HP Data Browser (DB) software, a component of the Performance Management Bundle for NonStop servers, shortens analysis time by helping to sort, view, and analyze raw data from the Open Database (ODB) product, another component of the same bundle. Using DB software, you can easily navigate ODB information, combine fields and performance entities into a single, easy-to-understand view, find relationships between entities, apply multiple layers of filters to define new conditions, and automatically graph information in the data browser. You can also export DB data to CSV files, Microsoft® Excel, and Microsoft Word for further analysis or integration into presentations and reports.

You can use the Performance Management Console (PMC) function of ODB to schedule, collect, retrieve, and load system, disk, and file metrics into ODB on a personal computer. ODB is the source of data for analysis by DB, itself a Microsoft Windows operating system-based client application.

customizable views show ODB information

With DB software on your workstation, you can view and analyze ODB data, highlighting only the information you need to get the job done.

For each customizable DB view you create, you can select one or more fields from the ODB table or tables you want to view. Once the views are defined, you can apply them to various ODB tables to see the information you specified (see figure 1).

You can open and display several DB views simultaneously, allowing you to review and analyze performance information for a single node or for multiple nodes.



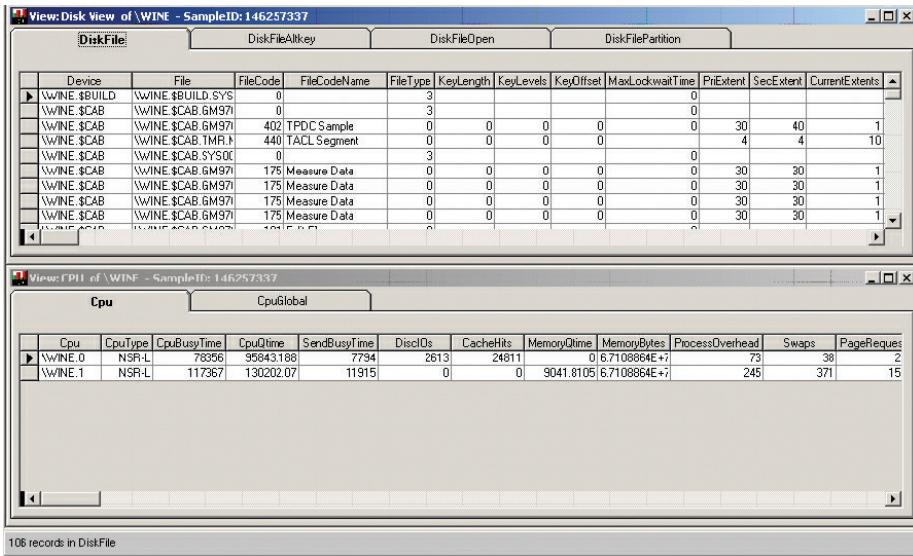


Figure 1. Open and display several customized views simultaneously.

drill links performance information to related entities

The DB Drill feature can help you find relevant data from other sources by showing relationships among performance entities. For example, when a set of processes on a processor is displayed, you can view a list of the files opened, select a subset of those files, and then generate a list of processes from other processors that opened them.

The familiar Windows tree structure makes it easy to open and search the relationships among multiple sets of data simultaneously (see figure 2).

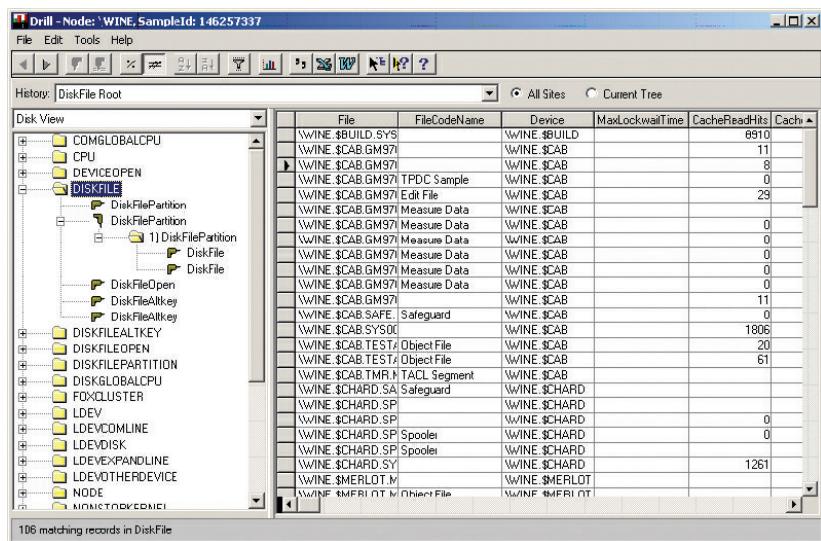


Figure 2. Familiar tree structure makes it easy to search relationships among multiple sets of data.

A history list shows which areas in the database you have previously searched. You can easily return to any of those areas by selecting them from the history list.

A direct link from Drill to Filter enables you to display any subset of the available data in a separate window (see figure 3).

graph center shows data in graphical form

The DB Graph Center can graph all information displayed by DB software. Multiple dynamic graphs are displayed through OLE methods, and you control the graph type, size, color, and other attributes (see figure 4).

Query: DiskFile, SampleId: 146257337, Node: \WINE								
File Edit Tools Help								
History: [0] Initial Detail								
File	File Code Name	Device	Max LockWait	Cache Read	Cache Write	Cache Write	Disk File Busy	▲
► \WINE\\$BUILD\SYS		\WINE\\$BUILD		8910	0	0	19	
\WINE\\$CAB\GM971		\WINE\\$CAB		11	0	0	1	
\WINE\\$CAB\GM971		\WINE\\$CAB		8	0	0	3	
\WINE\\$CAB\GM971\FPDC Sample		\WINE\\$CAB		0	0	0		
\WINE\\$CAB\GM971>Edit File		\WINE\\$CAB		29	12	0	1	
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB						
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	0	0		
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	0	0		
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	2	0		
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\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	2	0		
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	2	0		
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	2	0		
\WINE\\$CAB\GM971\Measure Data		\WINE\\$CAB		0	2	0		
\WINE\\$CAB\SAFE_Safeguard		\WINE\\$CAB		11	0	0		
\WINE\\$CAB\SAFE_Safeguard		\WINE\\$CAB		0	0	0		
\WINE\\$CAB\SY\\$00		\WINE\\$CAB		1806	0	0		6
\WINE\\$CAB\TEST\ Object File		\WINE\\$CAB		20	0	0		
\WINE\\$CAB\TEST\ Object File		\WINE\\$CAB		61	0	0		
\WINE\\$CAB\TMR\N TACL Segment		\WINE\\$CAB						
\WINE\\$CHARD\SA_Safeguard		\WINE\\$CHARD						
\WINE\\$CHARD\SP		\WINE\\$CHARD						
\WINE\\$CHARD\SP		\WINE\\$CHARD		0	0	0		
\WINE\\$CHARD\SP Spooler		\WINE\\$CHARD		0	0	0		
\WINE\\$CHARD\SP Spooler		\WINE\\$CHARD						
\WINE\\$CHARD\SY		\WINE\\$CHARD		1261	0	0		3
\WINE\\$MERLOT\M		\WINE\\$MERLOT						
\WINE\\$MERLOT\M Object File		\WINE\\$MERLOT						
\WINE\\$MERLOT\M		\WINE\\$MERLOT						
\WINE\\$MERLOT\M Object File		\WINE\\$MERLOT						
\WINE\\$MERLOT\M Object File		\WINE\\$MERLOT						
\WINE\\$MERLOT\M Pathway TCL Code		\WINE\\$MERLOT						

Figure 3. Display any subset of the available data in a separate window.

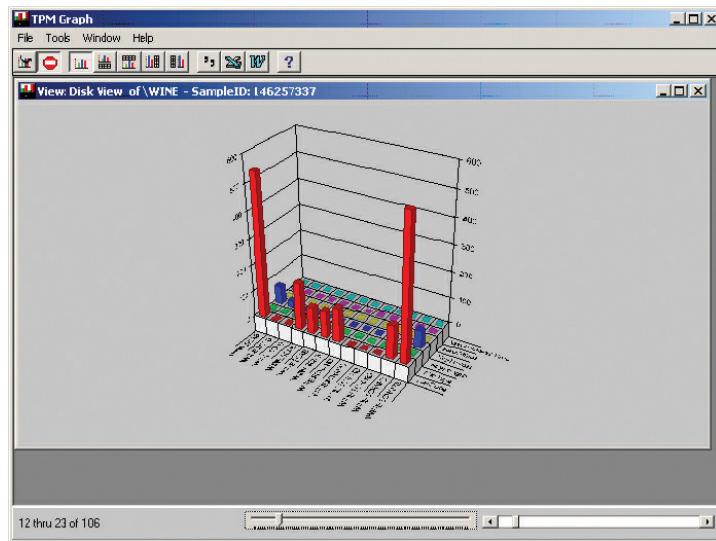


Figure 4. The Graph Center can graph all information displayed by DB software; you control the graph type and attributes.

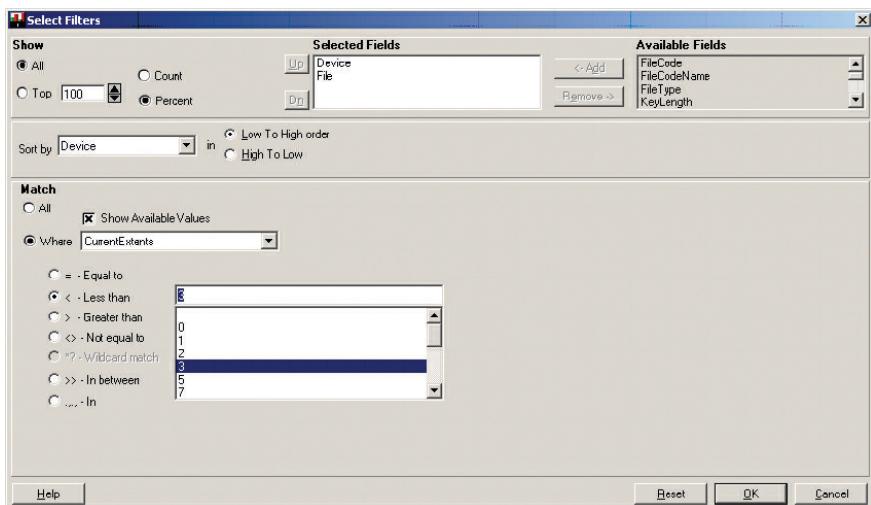


Figure 5. Multilayered filter lets you define conditions on a data set and see how they change.

filter options create new data sets

DB software can filter data according to criteria that you define. Using the multilayered filter, you can progressively define new conditions on a data set to see how they change. For example, you can first see a list of processes on processors 1 and 2, see which consumed more than 5 percent processor time, and then filter the list further to see which processors were running at a priority between 120 and 145. DB software keeps a list of previous levels so you can review the effects of each filter on the data (see figure 5).

ordering information

product ID	description
SJ48v4	Data Browser software

specifications

system requirements

Hardware	PC with Intel Pentium® processor (or later version) with 128 megabytes of RAM and a 32-megabyte disk
PC software	Windows Me, 2000, or XP, or Windows NT 4.0 operating system; and Open Database (SJ47v4)
Host software	Either the Performance Management Bundle Host (SA30), or Measure (9086) and Tandem Performance Data Collector (SJ42)



For more information, go to www.hp.com/go/nonstop.

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