S4i Systems

DASD-PLUS DATA SHEET

DASD-Plus automates disk management on IBM System i. Significant gains in machine throughput and performance are the result of optimizing disk space wasted by the operating system, application software, IFS, and data. Extensive reporting capabilities identify and track emerging problems, and resource forecasting features facilitate better hardware purchase decisions.

DASD-Plus outperforms IBM utilities and all other third party disk management solutions with more than 25 different disk maintenance routines, from clearing history logs, to re-sizing libraries, job queues and objects on the fly. DASD-Plus analyzes disk usage by library, file, user, group, total disk, or user-defined criteria. If desired, these routines can be performed automatically at scheduled intervals to ensure that the system is always optimized. All DASD-Plus routines are parameter-driven with time constraints so the amount of computer time that is spent on housekeeping is contained.

Job Management

DASD-Plus includes a built-in job monitoring and control system, called Job Execution Manager, that lets technicians setup and run IBM i and DASD-Plus tasks as a complete job stream without having to create CL programs.

Central Management

Technicians can manage DASD-Plus on IBM System i machines anywhere in the enterprise without having to log-on to the remote machine. This feature set virtually eliminates need for on-site DASD support at remote locations.

Disk Space Analysis

The Analyze Disk Space tools analyze disk space, and offer opinions to run analysis, variance, and trend surveys for a variety of reports and queries. Analyze Disk Space functions may be run interactively or as a Job Execution Manager step.

Simulation

“What if” functionality shows objects that can be removed and simulates resulting space-savings without committing to the cleanup.

Save Disk Space

Save Disk Space utilities scour DASD storage based on user-defined rules. These utilities are separated into two key areas of functionality:

Reclaim Disk Space: Reclaim Disk Space functions are utilities that reduce your DASD usage by removing, reorganizing, and resizing various objects that are no longer needed.

Compress and Expand: The Compress and Expand group of utilities compresses physical files and objects, which creates even more free disk capacity.

Reporting

DASD-Plus includes a report definition facility where you can set parameters to produce DASD-Plus reports that meet your individual needs.

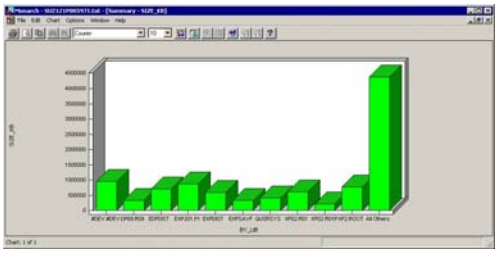
Trend Reports enable managers to track DASD growth, and forecast future DASD requirements based on historical trends. DASD-Plus uses linear regression formulas to forecast your future DASD growth and size.

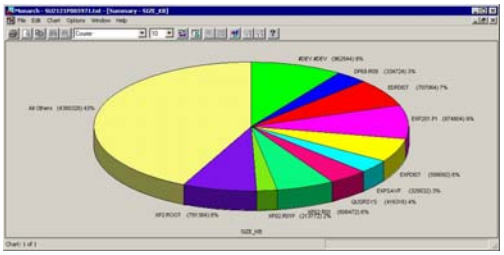
Variance Reports identify if and when an object has changed. Surveys can be set up to report changes to objects measured against a baseline or between defined periods. Exception reporting allows you to focus only on the most critical information.

Graphical Reporting

DP Chart extends your reporting capabilities by enabling you to translate survey results into illustrations such as pie, line, bar, high/low, and difference charts and graphs for a visual of how disk usage changes and how it compares at a system, LPAR, library or object level. You have the flexibility to determine what data points to include in your illustrations which can be saved as a graphic and pulled into a report or presentation. Exporting data to Excel enables you to further analyze the survey results or add other business metrics such as revenue, number of claims processed, etc. so that you can chart how disk consumption changes with changes in the organization.

DASD-Plus Top Ten Disk Storage User Report





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DASD-PLUS CHART

DASD-Plus Chart is a concise and meaningful illustration that can easily be presented to your team for the purposes of capacity planning and communicating the state of your system(s) more effectively. Simply take the results of your analysis, variance or trend surveys and create illustrations that best depict your message.

Pie and bar charts best illustration the current condition of your system with your analysis results while a hi/low or bar chart will give you a clear picture of your changes in disk utilization.

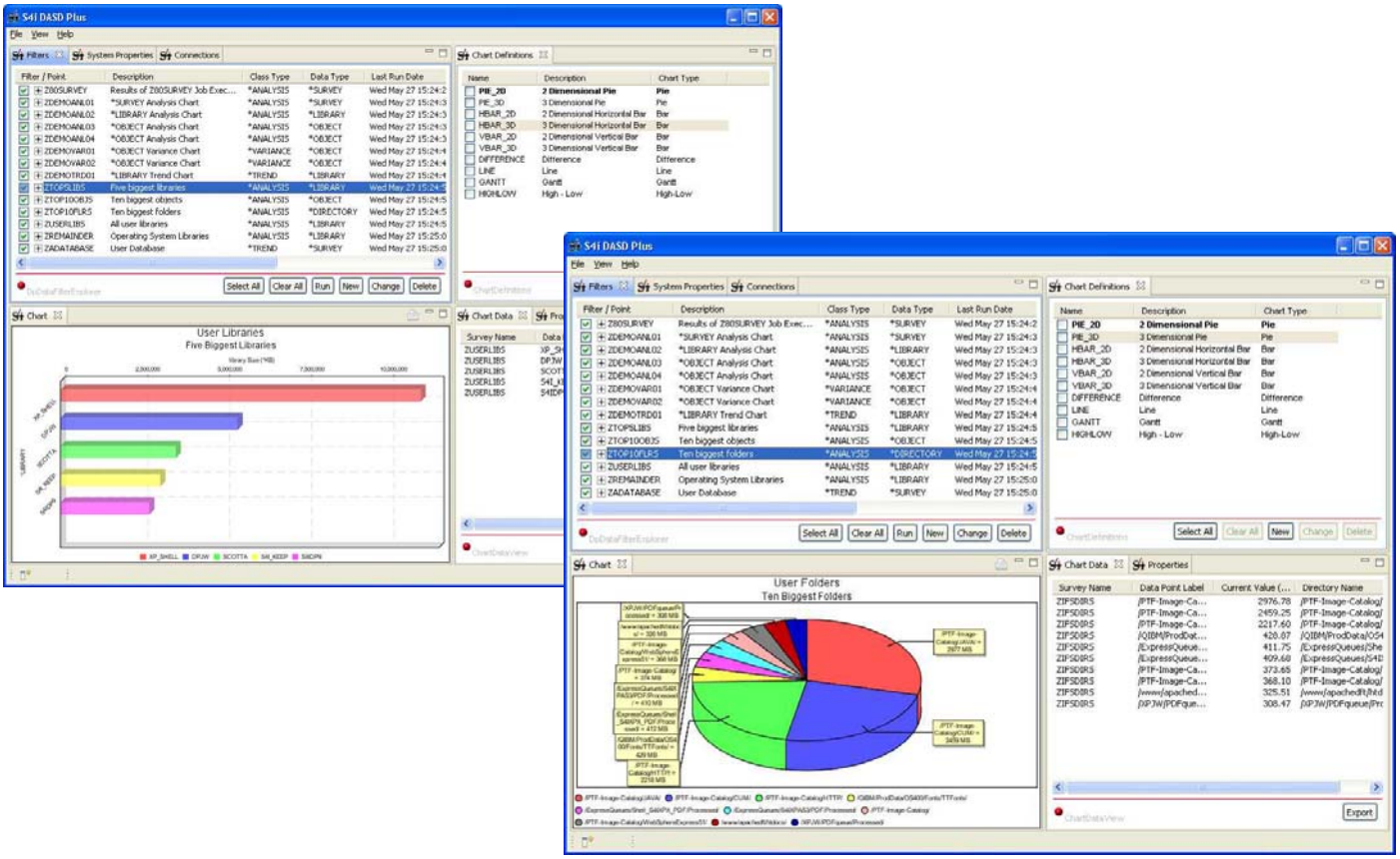
Charts can be configured to show library, object, directory or file level detail. Extract then entire results of the survey to illustrate or select just the largest 10, 25 or 50 items.

Select specific data points or use your own supplied business metrics to illustration how your disk grows relative to changes in the business.

Show how your surveyed objects utilization compares to the disk utilization of other objects on the system or the same objects on a different system.

Compare libraries across multiple systems. Use trend charts to illustrate what your disk consumption will look like 30, 60 180, etc. days from now.

Modify your chart layout, color schemes, fonts, etc. , export your data for further manipulation and analysis.



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DASD-PLUS ALERT DATA SHEET

DASD-Plus Alert supports IBM System i system and application availability by providing real-time spike detection, notification services and automated data collection/analysis. The analysis provides system operators with the detailed, root-cause information they need to take corrective action.

When disk utilization starts to climb because of a runaway job or query, and goes undetected, the system can crash. If an operator notices this growth, it is very difficult to identify which job(s) are consuming disk resources. Even if there are a small number of jobs, the objects that are consuming disk resources are detected.

Simple

DASD-Plus Alert allows the system operator to easily configure the utility and set up threshold indicators. These indicators can be used to easily identify disk consumption based on threshold and the jobs, objects and users responsible. Immediate action can be taken to preserve valuable disk resources.

Automated

Since the utility runs as a low-impact background job, the high cost of dedicated, manual monitoring is eliminated, and the root-cause detail it provides helps to avoid strategic application downtime which is not only very expensive, but politically dangerous.

Informative

With DASD-Plus Alert, the system operator can take appropriate action to correct the problem much more quickly and with accurate information (as opposed to guesses), potentially averting system downtime and the cost/crisis that follows.

Reporting

DASD-Plus Alert includes the following reports:

Consumption by Job: Identifies the jobs depleting disk space. The jobs, that have exceeded threshold values, can be quickly identified so immediate action can be taken.

Identification of Objects: Identify the objects that are growing and consuming disk space. The object name and type are shown to assist in determining the root cause of disk consumption.

User Profile Storage: The top 20 consumers of disk storage are listed. The users, which have shown increased storage from the last collection session, will be shown allowing the system operator to take appropriate action.

Job Temporary Storage: Lists the top 20 jobs that are consuming temporary storage. The storage, in megabytes, for each job, user and number are displayed. These jobs can be easily monitored.

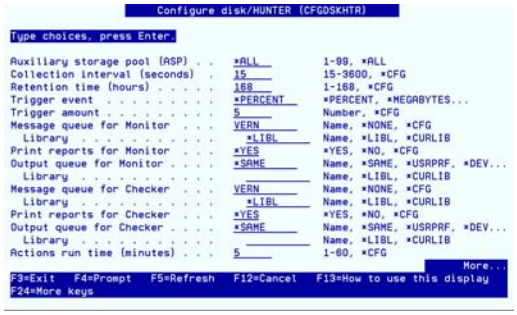
IFS Storage Increase: Details the change in disk consumption by user, object and type in the IFS. The object name and path where the object is located is listed for easy access.

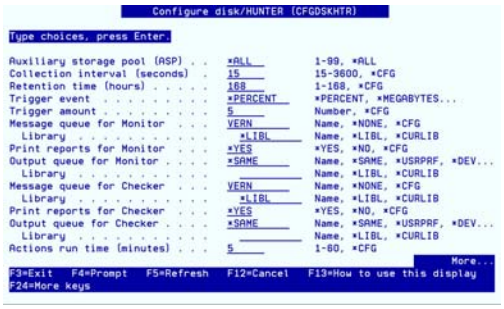
DASD-Plus Alert Events: Reports the threshold history of the product. The date, time and overall storage growth details are shown.

Easy Configuration

DASD-Plus Alert is easily configured from one main menu and once complete, the settings are recognized throughout the product. These settings and configuration can be done while the monitor is active and customized per auxiliary storage pool. To facilitate the tracking and diagnostics process, administrators can customize the report names and job description in the DASD-Plus Alert attributes.

DASD-Plus Alert Configuration and Setting Attributes





Additional Information

- ✓ Supports IBM i V5R3, V5R4, V6R1
- ✓ Tracks Dynamically Allocated Storage Utilized
- ✓ Indexes created from queries
- ✓ Temporary tables created during query execution
- ✓ Disk used when Order by criteria has been entered in a query
- ✓ DASD-Plus Alert can be launched from Management Central in System i Navigator
- ✓ Monitors disk consumption and spikes across multiple auxiliary storage pools. Each ASP can be configured separately for additional flexibility.
- ✓ Log file or application data in the integrated file system (IFS)

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