

SYSTEM UTILITY SOFTWARE TYPES PART 1, FILE MANAGEMENT UTILITIES

SYSTEM UTILITY SOFTWARE

1. Utility software are kind of an application software that join OS in perform some specific and specialized tasks
2. These are a set of tools to control and manage configure, analyze and optimize computer resources
3. It helps users and system to perform multiple tasks effectively
4. It provides key functionality like data compression, data recovery, disk defragmentation, computer resources and files management, system diagnosis etc
5. Most of operating systems have most of built-in utility tools but still some additional software like antivirus tools, disk tools and data backup tools are added later by user.
6. Utility software are object specific like for computer components such as hardware, software, operating system, and storage parts separate utility software are used

1. System Utilities
2. File Management Utilities
3. Storage Device Management Utilities
4. Miscellaneous Utilities
5. Backup Utilities
6. Disk Clean-up Tool
7. Debuggers
8. Screen Savers
9. Clipboard Managers
10. Disk Space Analyzers
11. Network Utilities
12. System Monitors
13. Antivirus
14. Backup Software
15. Data Synchronization Tools
16. File Management System

17. Disk Management Tools
18. System Profilers
19. Cryptographic Utilities
20. Registry Cleaners
21. Archivers,
22. Memory Testers

TYPES OF SYSTEM UTILITY SOFTWARE

1. File Management Utilities
2. Storage Device Management Utilities
3. System Utilities
4. Miscellaneous Utilities

FILE MANAGEMENT UTILITIES

Archivers:

output a stream or a single file when provided with a directory or a set of files. Archive suites may include compression and encryption capabilities. Some archive utilities have a separate un-archive utility for the reverse operation. One nearly universal type of archive file format is the zip file

Cryptographic:

utilities encrypt and decrypt streams and files

Data compression utilities:

output a shorter stream or a smaller file when provided with a stream or file

Data conversion utilities:

transform data from a source file to some other format, such as from a text file to a PDF document

Data recovery utilities:

are used to rescue good data from corrupted files

Data synchronization utilities:

establish consistency among data from a source to a target data storage and vice versa

File synchronization utilities:

maintain consistency between two sources. They may be used to create redundancy or backup copies but are also used to help users carry their digital music, photos and video in their mobile devices

Revision control utilities:

can recreate a coherent structure where multiple users simultaneously modify the same file.

Disk cleaners find files that are unnecessary to computer operation, or take up considerable amounts of space

File comparison utilities:

provide a standalone capability to detect differences between files

File managers provide a convenient method of performing routine data management, email recovery and management tasks, such as deleting, renaming, cataloging, uncataloging, moving, copying, merging, setting write protection status, setting file access permissions, generating and modifying folders and data sets