

BFS ZFS

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Image not found or type unknown
DECTape DEC PDP-11
IBM

DECTape DEC PDP-8 184 DEC IBM IE

CP/M

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Gary Kildall

· 1973 CP/M “ ” 8

CP/M “CP/M ”

Gary Kildall CP/M Gary BIOS

Tim Patterson “QDOS” CP/M

· 5 · QDOS MS-DOS IBM IBM Gar

20 70 8 FAT CP/M “8 3”

— FAT FAT-12 12 IBM PC 4096 1MB 32M

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IBM PC 5.25 /

| | | | | | | | | |
|------|--------|------|-----------------|-----|-------------------|--------|------|-------------|
| FAT | | | | | | | | IBM |
| | FAT-12 | 1987 | DOS 3.31 | 16 | 32KB | 216 | 2GB | |
| | | | | FAT | | FAT | | Norton Util |
| 1995 | 2GB | 8.3 | 20 | | FAT-32 | 8TB TB | VFAT | FAT |
| VFAT | 255 | | 8.3 | “ | MS-DOS “SUPER-~1” | TXT | DOS | |
| VFAT | | | | | iBook | USB | | “Williams |
| | FAT | | | | Windows 95 | | | |
| VFAT | | | DOS Windows 3.1 | | Windows 95 | | DOS | M |

HFS

| | 1984 | | PC | | Mac | | Macintosh | | MFS |
|------|---------------------------------|------|------|--------------|---------------|--------|-----------|-----|----------|
| 1984 | | | | | | | | | |
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| | 128K Macintosh | | | | | | | | |
| 1985 | MFS | | | HFS | | 31 | | | B-Tree |
| MFS | HFS | | “ | ” | HFS | | “ | ” | “ |
| HFS | “ | ” | | | | | | | |
| HFS | | | : | | | | | | |
| | HFS | | | | Macintosh GUI | | “ | ” | |
| | | | | Joel Spolsky | Macintosh | | | | |
| HFS | | | | | Macintoshes | | | | |
| | | “ | ” | 16 | | 65,535 | | HFS | |
| | 1998 | HFS+ | HFS+ | Mac OS 8.1 | | HFS+ | 32 | 255 | “”Mac OS |

Amiga

| | | | | | | | | | |
|---------------------------------|------------------|------|-----------|------|-------------|--|------|--|------|
| Amiga | Macintosh | | | | AmigaOS | | | | Trip |
| Amiga 1000 | | | | | | | | | |
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| Amiga 1000 | | | | | | | | | |
| FFS | Fast File System | 1987 | Amiga 500 | 2000 | AmigaOS 1.3 | | | | HFS |
| | OFS | FFS | Amiga | | Amiga OS4 | | FFS2 | | |

Unix Linux

UFS FFS

| | | | | | | | | | |
|------|------------|------------|---------|-----|------------|-----|------|----------|-------|
| Unix | MULTICS | | MULTICS | | | | | | Unix |
| | Unix | | | | Unix | | Unix | UFS | |
| Unix | README.TXT | readme.txt | | | Readme.Txt | | | | |
| | inodes | | Unix | UFS | inode | UFS | | inode | inode |
| | | | | | | 8KB | | | BSD |
| UFS | | | | | | | | | |
| Unix | UFS | | Unices | Sun | Solaris 7 | | NeXT | NeXTstep | UFS |

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| | | | | | | | | | | |
|-------|------|-----|-----|------------------|-------|-------|-------|------|------|-----|
| ext2 | UFS | " " | UFS | fsck | Linux | Unix | UFS | ext2 | Unix | UFS |
| Linux | 1991 | | | Andrew Tanenbaum | OS | Minix | Minix | 64MB | ext2 | e |

ReiserFS

| | | | | |
|-------------|------------|-------------|-------------|----------|
| ext2 | Linux | Linux | Hans Reiser | ResierFS |
| ReiserFS | ext2 | B-Tree | 1KB | |
| ReiserFS | SuSE Linux | | | |
| Hans Reiser | ReiserFS | Reiser4 | ReiserFS | Reiser4 |
| | 2006 | Hans Reiser | Nina | DNA |

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| | | | | |
|----------|----------|------|------|------|
| ReiserFS | ReiserFS | ext3 | ext2 | ext3 |
|----------|----------|------|------|------|

JFS

| | | | | | | | | | | |
|-----|-----|------|-----|-----|------|-----|------|------|---------|-------|
| JFS | IBM | Unix | UFS | IBM | Unix | AIX | ext2 | ext3 | B-Trees | nodes |
|-----|-----|------|-----|-----|------|-----|------|------|---------|-------|

XFS

| | | | | | | | |
|------|------------------|------|------|-------|------|----------|----|
| XFS | Silicon Graphics | Unix | Irix | XFS | 1994 | Irix 5.3 | 64 |
| 2000 | SGI | GNU | XFS | Linux | | | |

IBM

OS/2 HPFS

IBM

OS/2

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IBM OS/2 3.0

| | | | | | |
|--------|-----|-----|----------|------|----------|
| 10,000 | IBM | IBM | — OS/2 — | Stev | |
| OS/2 | GUI | DOS | | RAM | New Coke |

HPFS B-Trees 255 EA_DATA.SF FAT HFS+ Mac OS X 10.4 Apple OS
Windows 3 IBM 3 IBM Windows IBM NeX

NTFS

Windows NT 3.1 CD

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Windows NT 3.1 CD
DOS IBM . DEC VMS Dave Cutler DEC
Dave Cutler DEC
NTFS Cutler 64 264 16 Unicode
NTFS B+Trees HFS+ B-Trees ACL NT
Windows 2000 NTFS 2005 2006 Windows Vista
Windows NT NTFS Windows 2000 3.0 MP3
NTFS \$ NTFS
FAT NTFS Windows 98 FAT16 FAT32 NTFS
NTFS NTFS NTFS NTFS-3G

BeOS BFS

1990 Jean-Louis Gasee Mac OS Windows
——AT&T Hobbit—— PowerPC

BeBox BeOS

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BeOS PPC BeBox
BeOS BeBox OFS
BFS Dominic Giampaolo Cyril Meurillon 64 B+Trees NTFS BeBox

NTFS BeOS NTFS BFS 64 BeOS BeOS Be,

1996 Windows NT NTFS

Mac OS X HFS+

Be, Inc. Jean-Louis Gassee BeOS Mac OS

NeXT Mac OS X NeXTstep Mac OS

Mac OS X 10.0

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Macintosh OS X 10.0 2001

NeXT Mach Mach BSD Unix Unix MacOS CLI Unix

NeXTies “ ” OS X OS UFS HFS+

NeXT UFS OS X Leopard

HFS+ OS X 10.2 Jaguar 10.3

ZFS

HFS+ Sun ZFS 2004 Zettabyte 128 16

ZFS ~~Apple~~ ZFS RAID “

ZFS

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ZFS

ZFS Mac OS X

ZFS Sun

Windows FAT NTFS

“ ” Linux Linux ext3 ReiserFS XFS

WinFS BeOS WinFS Windows Vista WinFS Windows

NTFS

HFS+

CP/M

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