

A	Access (flags in PTE)
AAA	Authentication Authorization Accounting
<b>ABI</b>	Application Binary Interface
<b>ACE</b>	Access Control Entry
<b>ACL</b>	Access Control List
AMD	Advanced Micro Devices
AMD IOMMU	AMD Input/Output Memory Management Unit
AMD-V	AMD Virtualization
AoE	ATA over Ethernet = AT Attachment over Ethernet
<b>API</b>	Application Programming Interface
AppArmor	Application Armor
AQ	Advanced Queuing
ARM	Advanced RISC Machine (earlier: Acorn RISC Machine)
AT&T	American Telephone & Telegraph
ATA	AT Attachment (AT Attachment means PC/AT Attachment in IBM. Originally AT means Advanced Technology, but this term is not used later, only avoiding possible trademark issues)
AVR	??? Advanced Virtual RISC; the two founders Alf-Egil Bogen and Vegard Wolan --> Alf-Vegard-RISC
b	bit
B	Byte
Bell LaPadula	Not an acronym, the surnames of developers David Elliott Bell and Leonard J. LaPadula
BER	Binary Encoding Rules
Biba	Kenneth J. Biba the name of developer (so not an acronym, it is a name)
BIOS	Basic Input Output System
BogoMips	"bogus" MIPS (MIPS = Million Instructions Per Second)
BSD	Berkeley Software Distribution
BSOD	Blue Screen of Death
BT	Binary Translation (CPU virtualization)
C2D	Core 2 Duo
<b>ccNUMA</b>	CACHE Coherent NUMA = CACHE Coherent Non-Uniform Memory Access
CD	Compact Disk
CFS	Completely Fair Scheduler
CIFS	Common Internet File System
CORBA	Common Request Broker Architecture
<b>COW</b>	Copy on Write
<b>CPU</b>	Central Processing Unit
CSRSS	Client/Server Runtime Subsystem
CUDA	Compute Unified Device Architecture
D	D tároló = D Flip-Flop = Data Flip-Flop
D	Data
D	Demand (symbol in Working-set formula)
D	Dirty (flags in PTE)
DACL	Discretionary Access Control List
dav	??? 2011_slides_21_unix_5_fajlrendszerek 4.oldal
DB	Data Base
DCOM	Distributed Component Object Model
DDK	Driver Development Kit
DFSS	Dynamic Fair Share Scheduling
<b>DLL</b>	Dynamic Link Library
<b>DMA</b>	Direct Memory Access
DoD	Department of Defense
DOS	Disk Operating System

<b>DRAM</b>	Dynamic Random Access Memory
DSP	Digital Signal Processor
E	Exa ( $10^{18}$ )
EFI	Extensible Firmware Interface
eSATA	external-SATA = external Serial Advanced Technology Attachment
EWD	Edsger Wybe Dijkstra (Dutch computer scientist)
EXE	Executable
EXT4	EXTended Filesystem 4
<b>FAT</b>	File Allocation Table
<b>FCFS</b>	First Come First Served
FFS	Fast File System
<b>FIFO</b>	First In First Out
FPGA	Field Programmable Gate Array
FPU	Floating Point Unit
FreeRTOS	Free Real Time Operating System (for embedded devices)
FSS	Fair Share Scheduler (scheduling in Solaris)
FX	FiX priority (scheduling in Solaris)
G	Giga ( $10^9$ )
GDI	Graphics Device Interface
GFS	??? Global File Systems (2011_slides_21_unix_5_fajlrendszerek 4.oldal)
<b>GID</b>	Group IDentifier
GNU	GNU's Not Unix (recursive acronym)
GPF	General Protection Fault
GPGPU	General-Purpose Computing on Graphics Processing Units (maybe: GPGP, GP <sup>2</sup> )
GRUB	GRand Unified Bootloader
<b>GUI</b>	Graphical User Interface
<b>HAL</b>	Hardware Abstraction Layer
<b>HDD</b>	Hard Disk Drive
HKLM	HKEY_LOCAL_MACHINE
HP-UX	Hewlett-Packard UniX
HRR	Highest Response Ratio
HTM	Hardware Transactional Memory
<b>HW</b>	Hardware
I	Instruction
I/O	Input/Output
IA	InterActive (scheduling in Solaris)
IaaS	Infrastructure as a Service
IBM	International Business Machines Corporation
IBM AIX	IBM Advanced Interactive eXecutive
IDE	Integrated Drive Electronics (bus used primarily for hard disk drives and optical drives)
inode	index node
IOV	I/O Virtualization
<b>IPC</b>	Inter Process Communication
IRIX	??? (by SGI)
ISA	Industry Standard Architecture (??? old kind of port)
ISA	Instruction Set Architecture (Virtualization)
iSCSI	Internet Small Computer System Interface
<b>ISR</b>	Interrupt Service Routine
JBoss	??? name of a company
JeOS	Just enough Operating System
KB	Knowledge Base
KVM	Kernel-based Virtual Machine
LBA	Logical Block Addressing
<b>LFU</b>	Least Frequently Used
LILO	Last In Last Out
LILO	Linux LOader

Linux	??? Linus Torvalds + UNIX ==> Linus + X ==>Linux
<b>LRU</b>	Least Recently Used
LSASS	Local Security Authority Subsystem Service
M	Mega (10 <sup>6</sup> )
M	Modified bit
MCU	Microcontroller Unit
MFQ	Multilevel Feedback Queues
MINIX	MIni-unIX
<b>MIPS</b>	Microprocessor without Interlocked Pipeline Stages (an architecture by MIPS Technologies)
MIPS	Million Instructions Per Second
<b>MMU</b>	Memory Management Unit
MS	Microsoft
MSMQ	Microsoft Message Queuing
MTBF	Mean Time Between Failures
MULTICS	MULTiplexed Information and Computing Service
mutex	mutual exclusion
<b>NAS</b>	Network-Attached Storage
NCQ	Native Command Queuing
<b>NFS</b>	Network File System
NP	Non Polynomial (complexity theory)
NRU	Not Recently Used
NT LAN	??? New Technology Local Area Network
NTFS	New Technology File System
NTLDR	NT LoaDeR = New Technology LoaDeR
NTLM	NT LAN Manager
<b>NUMA</b>	Non-Uniform Memory Access
NX	Non-eXecutable
OpenCL	Open Computing Language
<b>OS</b>	Operating System
OS/2	Operating System/2 (developed by IBM )
P	present (flags in PTE)
P2V	Physical-to-Virtual
PaaS	Platform as a Service
PAE	Physical Address Extension
PaX	??? Programming Administration and Execution System (2011_slides_22_felhasznalokezeles_engedelyezes 36.oldal)
<b>PC</b>	Personal Computer
<b>PC</b>	Priority Ceiling
<b>PC</b>	Program Counter
<b>PCB</b>	Process Control Block
PDP	Programmable Digital Processor
PFF	Page Fault Frequency
<b>PI</b>	Priority Inheritance
<b>PID</b>	Process Identifier
<b>POSIX</b>	Portable Operating System Interface for uniX
POST	Power On Self Test
PPID	Parent Process Identifier
PRAM	Parallel Random Access Memory
PS3 Cell	Play Station 3 Cell
<b>PTE</b>	Page Table Entry
QEMU	??? (2011_slides_19_virtualizacio 5.oldal: )
QPI	QuickPath Interconnect (by Intel)
Qpid	Qwest Protected Internet Delivery
R	Referenced bit
R/W	read/write (flags in PTE)
<b>RAID</b>	Redundant Array of Independent Disks (originally Redundant Array of Inexpensive Disks)

<b>RBAC</b>	Role Based Access Control
RHEL	Red Hat Enterprise Linux
RID	Relative Identifier
<b>RMI</b>	Remote Method Invocation (JAVA RMI)
RMW	Read-Modify-Write
<b>RPC</b>	Remote Procedure Call
<b>RR</b>	Round Robin
<b>RT</b>	Real Time (scheduling in Solaris)
RT-Linux	Real Time Linux
s5fs	??? 2011_slides_21_unix_5_fajlrendszerek 4.oldal
SaaS	Software as a Service
SACL	System Access Control List
SAM	Security Account Manager
SAMBA	??? "smbserver" changed to SAMBA due to trademark issues
<b>SAN</b>	Storage-Area Networks
SAS	Secure Attention Sequence
SATA	Serial Advanced Technology Attachment
<b>SC</b>	Second Chance
SCO	Santa Cruz Operation (SCO developed the SCO OpenServer, which was earlier the SCO UNIX + SCO Open Desktop (SCO ODT))
SCSI	Small Computer System Interface
SDK	Software Development Kit
SDV	Static Driver Verifier
SELinux	Security-Enhanced Linux
SGI	Silicon Graphics Incorporation
SI	Système International d'unités = International System of Units
<b>SID</b>	Security Identifier
<b>SJF</b>	Shortest Job First
SLAM	az SDV elődje (originally, but not used and deprecated: Software Languages Analysis and Modeling)
smb	??? 2011_slides_21_unix_5_fajlrendszerek 4.oldal
SMB	Server Message Block
<b>SMP</b>	Symmetric Multiprocessing
SMSS	Session Manager Subsystem
so	Shared Object (*.so extension in UNIX/Linux)
SOAP	Simple Object Access Protocol
SPOOL(ing)	Simultaneous Peripheral Operations On-line
SRAM	Static Random Access Memory
<b>SRTF</b>	Shortest Remaining Time First
SSD	Solid State Disk
SSH	Secure Shell
SSL	Secure Socket Layer
STM	Software Transactional Memory
SUA	Subsystem for Unix-based Applications
SUN	Stanford University Network
SUSE	Software und System-Entwicklung = Software and Systems Development
svchost	Service Host
SVID	System V Interface Definition
SVR4	System V Release 4.0
<b>SW</b>	Software
SxS	Side-by-Side assembly
T	Tera (10 <sup>12</sup> )
<b>TAS</b>	Test And Set
<b>TCB</b>	Task Control Block
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol

<b>TLB</b>	Translation Lookaside Buffer
TPC-X	benchmarks from Transaction Processing Performance (Council)
TS	TimeShare (scheduling in Solaris)
U/S	user/system (flags in PTE)
UAC	User Account Control
UART	Universal Asynchronous Receiver Transmitter
UDP	User Datagram Protocol
<b>UID</b>	User IDentifier
UML	Unified Modeling Language
UNIX	??? Uniplexed Information and Computing System szójáték a MULTICS-ra
UPS	Uninterruptible Power Supply
USB	Universal Serial Bus
V.A.S.	Virtual Address Space
<b>vfs</b>	Virtual File System
VLX	VirtualLogix (VirtualLogix, Inc. provides real-time virtualization software, named VLX)
<b>VM</b>	Virtual Machine
<b>VMM</b>	Virtual Machine Monitor
VMMap	Virtual Machine Monitor Analysis Program
VMS	Virtual Memory System
vnode	virtual node
VT-x	Intel Virtualization Technology
WDK	Windows Driver Kit
WINE	??? Wine Is Not an Emulator (recursive acronym) (2011_slides_19_virtualizacio 5.oldal: )
WSLE	Working Set List Entries
WSS	Working-set size
XENIX	XEnos uNIX
XP	eXPerience (Windows XP)
ZFS	Zettabyte File System (can store up to $2^{128}$ Bytes, which is $256 \cdot 10^{15}$ ZettaBytes) (announced in 2004.09.14)
$\mu$ C/OS-II	Micro-Controller Operating System II