INFORMATICS

GLOSSARY

OF

ACRONYMS

January 1990

TO ALL STAFF IN INFORMATICS DEPARTMENT

INFORMATICS GLOSSARY

The Informatics Glossary of Acronyms has been put together using voluntary contributions from people in the Department.

It is available online and for details on how to access it, and where and how to send suggested changes and additions, you should refer to Crispin Goswell's note overleaf.

I hope you will all find the Glossary of help at some time or another.

Carol Barnes
Department Administration Officer

17 January 1990

glos.doc

```
From rlnfs4!caag Mon Jan 15 17:42:24 GMT 1990
Article 2792 of ral.general:
Path: rlnfs4!caag
>From: caag@inf.rl.ac.uk (Crispin Goswell)
Newsgroups: ral.general
Subject: Acronym database
Message-ID: <7847@nfs4.rl.ac.uk>
Date: 15 Jan 90 17:44:36 GMT
Reply-To: caag@inf.rl.ac.uk (Crispin Goswell)
Distribution: ral
Organization: Rutherford Appleton Laboratory, Informatics Department, U.K.
Lines: 37
```

Carol Barnes and I have been collecting acronyms for the Informatics Glossary.
Since we now have a useful sized database, it seems sensible to make it
available online. It can be accessed by (for example):

```
$ /u/public/bin.sh/acronym clut
CLUT  (graphics) Colour Look Up Table - also known as Colour Map
$
```

```
^         ^              ^                         ^
|         |              |                         |
Acronym Category     Expansion                 Comments
```

The database will be kept up-to-date with any changes people suggest
May I suggest that changes be emailed to me - I will incorporate small
numbers for a while (periodically) and pass them on to a more permanent
keeper of the database when one is assigned.

The database is currently a file :-). Updates will be incorporated more
quickly if they are mailed to me in the same format as the rest of the file
which is:

/u/caag/etc/acronyms

The above entry is listed in the file as:

CLUT:graphics:Colour Look Up Table:also known as Colour Map

Note the resemblence to certain other common UNIX file formats.

```
--
Name:    Crispin Goswell
UUCP:   {...|mcvax}!ukc!rlinf!caag              /------|-----\      Informatics Department
JANET:  caag@uk.ac.rl.inf                       |      | Tea |      Rutherford Appleton Lab
ARPA:   caag@inf.rl.ac.uk@nsfnet-relay.ac.uk    |      | Mug |          Chilton, Didcot
                                                 \------/-----/        Oxon OX11 0QX, UK
```

"Where are you when the Sun goes down? You're so far away from me."
                                                          - Dire Straits

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INFORMATICS GLOSSARY

Version 3

15 January 1990

3/110	(hardware model) - older MC68020 colour Sun workstation
3/160	(hardware model) - older MC68020 Sun workstation
3/260	(hardware model) - MC68020 Sun workstation
3/280	(hardware model) - MC68020 Sun file server
3/50	(hardware model) - entry level diskless SUN workstation
3/60	(hardware model) - diskless MC68020 Sun workstation
3/75	(hardware model) - older diskless MC68020 Sun workstation
3090	(hardware model) - IBM mainframe
3270	(hardware model) - IBM full-screen terminal
386i	(hardware model) - Sun 80386 workstation
4/110	(hardware model) - diskless SPARC Sun workstation
4/260	(hardware model) - SPARC Sun workstation
4/280	(hardware model) - SPARC Sun file server
4250	(hardware model) - IBM electro-erosion printer
6150	(hardware model) - IBM PC/RT Workstation
8700	(hardware model) - Xerox laser printer
AA	() Automobile Association -
AA	() Automobile Association -
AAAI	(SERC admin grade) Administrative Assistant -
ABI	() American Association for Artificial Intelligence -
ABRC	(software) Application Binary Interface - to system V
ACARD	(organisation) Advisory Board for Research Councils - no longer exists
ACL	(committee) Advisory Committee for Research and Development - (abolished)
ACL	(organisation) Association for Computational Linguistics -
ACM	(software) Access Control List - resource protection mechanism
ACOST	(organisation) Association of Computing Machinery -
ACPM	(committee) Advisory Council on Science and Technology -
ACR	(OSI) Association Control Protocol Machine -
ACSE	(administration) Annual Confidential Report -
ADF	(OSI) Association Control Service Element -
ADMD	(OSI) Application Directory Function -
	(OSI) Administrative Management Domain -
```

-- 1 --

AE-Q (OSI) Application Entity Qualifier -

AE-T (OSI) Application Entity Title -

AE (OSI) Application Entity -

AEA (organisation) Atomic Energy Authority -

AERE (organisation) Atomic Energy Research Establishment - now HARWELL

AFI (OSI) Address Format Identifier -

AFM (postscript) Adobe Font Metric - file format

AFNOR (standards organisation) - French standards institute

AFRC (organisation) Agriculture and Fisheries Research Council -

AGD (Euro Workstation) Arbeitsgruppe Graphische Datenverarbeitung - organisation in Dharmstat producers of GRACE board

AGM 0 Annual General Meeting -

AGOCG (committee) Advisory Group On Computer Graphics - Joint SERC/Computer Board body

AI 0 Artificial Insemination -

AI 0 Artificial Intelligence -

AIAI (organisation) Artificial Intelligence Application Institute, Edinburgh - a commercial offshoot of the Edinburgh AI department

AIM 0 Advanced Informatics in Medicine -

AIM (research programme) Advanced Informatics in Medicine - research programme from CEC DGXIII

AISB (organisation) Society for the study of Artificial Intelligence and Simulation of Behaviour - UK

AISBQ 0 Quarterly journal of the Society for the study of Artificial Intelligence and Simulation of Behaviour - UK

AIX (operating system) - IBM UNIX offering, adopted by OSF as standard

AL1 (device name) - Informatics Laserwriter

AL2 (device name) - Informatics Laserwriter

AL3 (device name) - Informatics Laserwriter

AL4 (device name) - Informatics Laserwriter

ALVEY (initiative) - named after John Alvey - british computing initiative now completed

AMPTE (project) Active Magnetosphere Particle Tracer Explorer - RAL space project

AMT 0 Advanced Manufacturing Technology -

AMT (computer company) - manufacturers of DAP super computer

ANSA (standard) Advanced Network Systems Architecture -

ANSI (organisation) American National Standards Institute -

AO (SERC admin grade) Administrative Officer -

AP-Q (OSI) Application Process Qualifier -

AP-T (OSI) Application Process Title -

AP (OSI) Application Process -

API (standards) Application Programmer's Interface -

APL (programming language) A Programming Language - array processing language with unusual character set designed by Kenneth Iverson

APS (CAD/CAM project) Advanced Production System - an industry-oriented R&D project for CAD/CAM, jointly funded by Norway and West Germany.

AR (software) ARchive - format and program for storing several files in one larger file

ARA (organisation) - catering company used by RAL

ARGC (software) ARGument Count - number of arguments to a Unix program

ARGOSI (project) - ESPRIT project

ARGV (software) ARGument vector - list of arguments to a Unix program

ARP (communications) Address Resolution Protocol - used for mapping Internet to Ethernet addresses

ARPANET (network) Advanced Research Project Agency NETwork - american network

AS:AP 0 As Soon As Possible -

ASCII (standard) American Standard Code for Information Interchange - character encoding for plain text

ASE (OSI) Application Service Element -

ASIC 0 Application Specific Integrated Circuit -

ASN.1 (OSI) Abstract Syntax Notation 1 - Used for describing standard syntaxes

ASO (scientific grade) Assistant Scientific Officer -

ASTI 0 At Some Time -

AT&T (company) American Telephones and Telegraphy - Ma Bell

AT (hardware model) - IBM PC/AT

ATDF (OSI) Application Title Directory Facility -

ATMOS (project) ATMOSpheric limb sounder -

ATSR (project) Along Track Scanning Radiometer -

AVA (OSI) Attribute Value Assertion -

AVC (organisation) Alvey Vision Club -

AWM (X window system) Alternative Window Manager -

B003 (transputers) - pronounced "boo-3", standard 4 transputer card

**B004** (transputers) - pronounced "boo-4", standard transputer plug-in card for PC

**B007** (transputers) - pronounced "boo-7", standard transputer graphics card

**BAUD** (communications) - after Baudot - units per second

**BBN** (company) Bolt, Branels and Newman - USA East Coast

**BBS** (software) Bulletin Board System -

**BCC** () Blind Carbon Copy - used to list other recipients of a message who will not be mutually aware

**BCD** (hardware) Binary Coded Decimal - used by older business computers for representing numbers

**BCPL** (programming language) Basic Combined Programming Language - fore-runner of C

**BCS** (organisation) British Computer Society -

**BDF** (postscript) Bitmap Distribution Format - file format

**BECS** () Bulletin of European Cognitive Science -

**BEST** () British Expertise in Science and Technology - computer database of public sector scientific researchers

**BIN** (software) BINary - common name for directory containing executables (programs)

**BIND** (comms software) Berkeley Internet Name Daemon -

**BITBLT** (graphics) BIT BLock Transfer - also known as rasterop - bitmap area copy and convert

**BITNET** (network) - IBM wide area network

**BL** (organisation) British Library -

**BLIT** (hardware model) - DMD 5620 raster workstation

**BNF** (OSI) Backus-Naur Form - Syntax notation named after designers

**BNIG** (GKS) Before Next Input Globally -

**BNIL** (GKS) Before Next Input Locally -

**BNSC** (organisation) British National Space Centre -

**BOF** () Birds Of a Feather - session at a conference

**BPI** () Bits Per Inch -

**BPS** (organisation) British Psychological Society -

**BRAIN** () Basic Research in Adaptive Intelligence and Neur Computing - DG XII

**BRITE/EURAM**(research programme) - CEC DGXIII industrial technology and materials

**BRITE** (research programme) - CEC DGXIII industrial technology

**BROKERSGUIDE**(data base) - Inventory of Brokers

**BS/AMT4** (CAD/CAM standards) - British Standards coordination committee - coordinates

**BSD** UK participation in STEP/PDES.

**BSD** (operating system) Berkeley System Distribution - Berkeley UNIX offering on which most are based

**BSI** (standards organisation) British Standards Institute -

**BST** (time zone) British Summer Time -

**BTW** () By The Way -

**BWS** (Euro Workstation) Basic Work Station -

**C&I** (SERC committee) Control & Instrumentation -

**C** (OSI) Country -

**C** (programming language) - major system programming language on Unix

**C++** (programming language) - object oriented superset of C language

**CAD*I** (CAD/CAM project) - ESPRIT CAD Interfaces Project. See Engineering Newsletter 3 (June 1987).

**CAD** (application area) Computer Aided Design -

**CADDDETC** (organisation) CAD/CAM Data Exchange Technical Centre -

**CALS** (initiative) Computer aided Aquisition and Logistics Support - US DoD initiative

**CAM-I** (organisation) Computer Aided Manufacturing International - USA based association.

**CAM** (application area) Computer Aided Manufacture -

**CAR** (lisp) - operation for taking first part of a CONS (list head)

**CASE** () - research studentship funded jointly by SERC and industry

**CASE** () Computer Assisted Software Engineering -

**CASE** (OSI) Common Application Service Element -

**CC** () Carbon Copy - used to list other recipients of a message

**CCA** (OSI) Conceptual Communications Area - of a VT

**CCD** (hardware) Charge Coupled Device - used in solid state cameras

**CCD** (organisational unit) Central Computing Department -

**CCITT** (standards body) International Telephone & Telegraph Consultative Committee -

**CCR** (OSI) Commitment, Concurrency and Recovery - distributed activities

**CCS** (Euro Workstation) Co-processor Communication System -

**CCTA** (organisation) Central Computing and Telecommunications Agency -

**CD** (hardware) Compact Disc - high density storage media commercially used for music - small pits in a reflective disk read by laser

**CDR** (lisp) - operation for taking second part of a CONS (list tail)

**CDROM** (hardware) CD ROM - CD used digitally for high volume data storage typically 800 MB

CDS (OSI) Common Directory Service -
CDTCE (SERC committee) - subcommittee of C&I
CEC (organisation) Commission of European Communities -
CEC (organisation) Committee of the European Communities -
CEM (administration) Conditions Of Employment -
CERN (project) - large accelerator at Geneva
CFB (X window system) Colour Frame Buffer -
CFC (committee) Computing Facilities Committee -
CFD () Computational Fluid Dynamics -
CFTAG (committee) Computing Facilities Technical Advisory Group -
CG&A (journal) Computer Graphics and Applications - ACM
CG2 (hardware model) Colour Graphics 2 - Sun frame buffer
CG4 (hardware model) Colour Graphics 4 - Sun frame buffer
CGI (standard) Computer Graphics Interface - see GKS
CGM (standard) Computer Graphics Metafile - see GKS
CHASE (spacecraft) Coronal Helium Abundance Spacelab Experiment -
CHI (conference) ACM SIGCHI annual conference on Human Factors and Computing

-

CISC () Complex Instruction Set Computer - see RISC
CLNP (OSI) Connection Less Network Protocol -
CLNS (OSI) Connection Less Network Service -
CLS (OSI) Connection Less Mode -
CLU (programming language) -
CLUT (graphics) Colour Look Up Table - also known as a Colour Map
CMD () CoMmanD -
CMD (organisational unit) Computational Modelling Division - part of Informatics
CMDM (meeting) Computational Modelling Divisional Meeting -
CMGLM (meeting) Computational Modelling Group Leaders Meeting -
CMOS (hardware) - low voltage chip technology
CMS (operating system) Conversational Monitor System - for IBM mainframes
CMU (organisation) Carnegie-Mellon University - Pittsburgh, USA
CNTRL (hardware) CoNTRoL - the Control Key on a keyboard
CO (administrative grade) Clerical Officer - now Obsolete - see AO
COFF (standard) Common Object File Format - AT&T's standard for object files on Unix
COLING (conference) International Computational Linguistics Conference -

COM (OSI) Connection Oriented Mode -
COMETT II (research programme) - second phase of COMETT see COMETT
COMETT (research programme) Community Action Programme for Education and Training for Technology - research programme from CEC DGXIII
CONS (OSI) Connection Oriented Network Service -
CONS (lisp) CONStruct - operation to combine two atoms
CORE (UNIX) - memory dump of a failed program, used for debugging
CORE (graphics standard) - ACM graphics standard
COS (operating system) Cray Operating System -
COSINE (project) Cooperation towards OSI in Europe -
COST () European Cooperation programme in Science and Technology -
COTS (OSI) Connection Oriented Transport Service -
CPIO (software) - format and program for storing hierarchical file systems on tape
CPM (operating system) Control Program for Microcomputers -
CPS (window systems) C to PostScript - library for use with NeWS
CPSE (network) Campus Packet Switching Exchange -
CPU (hardware) Central Processing Unit -

CR12 (location) Conference Room 12 - R68 used for departmental meetings
CR13 (location) Conference Room 13 - R68 used for divisional meetings
CR1 (location) Conference Room 1 - R68 used for section meetings
CR2 (location) Conference Room 1 - R1 near coffee lounge used for section meetings
CR (software) Carriage Return - ASCII 13
CRAY (company) - Named after Seymour Cray - super-computer designer
CRC (communications) Cyclic Redundancy Check - for reliability
CRLF (software) Carriage Return Line Feed - CR and LF - line separator on MS/DOS
CRT (hardware) Cathode Ray Tube - usual technology for Visual Displays
CSH (software) C SHell - UNIX command line interpreter and language with C-like syntax
CSI (project) Client Server Interface - window system project now defunct
CSIRO (organisation) Commonwealth Scientific and Industrial Research Organisation - Australia
CSO () Colour Separation Overlay - television / video technique
CSO (scientific grade) Chief Scientific Officer -
CTRL (hardware) ConTRoL - the Control Key on a keyboard
CUP (publisher) Cambridge University Press -
CWI (organisation) - mathematics institute in Amsterdam, Netherlands

DAG (computing theory) Directed Acyclic Graph -
DAO (administration) Departmental Administration Officer -
DAP (OSI) Directory Access Protocol -
DAP (hardware model) Distributed Array Processor - super computer AMT product
DARPA (organisation) Defense Advanced Research Projects Agency - USA funding body
DBMS () DataBase Management System -
DCC (OSI) Data Country Code -
DCS (OSI) Defined Context Set -
DCS (organisational unit) Distributed Computing Service - Informatics at RAL
DD (organisational unit) Design Division - Informatics Dept at RAL
DDN (OSI) Directory Distinguished Name -
DDX (X window system) Device Dependent X - module in X server
DEC (company) Digital Equipment Corporation - now known as Digital
DECNET (network) - proprietary network architecture
DECUS (organisation) DEC User Group -
DEFSTAN () - UK MOD standard
DELTA (research programme) Developing European Learning through Technological Advance - research programme from CEC DGXIII
DEMUX (hardware) DEMUltipleX -
DES (standard) Data Encryption Standard - used for Unix password security
DF (OSI) Directory Function -
DFS (software) Disk File System - usually on smaller machines
DFS (software) Distributed File System -
DGXII (organisation) - Directorate General 12 of the CEC - Science etc...
DGXIII (organisation) - Directorate General XIII of the CEC, Telecommunications, Information Industries and Innovation
DIANEGUIDE (data base) - Inventory of European databases and hosts
DIN (standards body) - West German standards institute
DIS (standards) Draft International Standard -
DISC (initiative) Delivering Information Services to Customers - BSI standards project
DIT (OSI) Directory Information Tree -
DIX (X window system) Device Independant X - part of X window system server
DIY () Do It Yourself -
DL (organisation) Daresbury Laboratory - near Warrington big science site - part of SERC
DM (OSI) Data Management -

DMA (hardware) Direct Memory Access - I/O which can proceed without the intervention of the CPU
DMD5620 (hardware model) - bitmapped terminal developped from BLIT
DN (OSI) Descriptive Name -
DOAM (OSI) Distributed Office Applicatio Model -
DOD (organisation) Department Of Defense - US
DOS (operating system) Disk Operating System - usually shortened form of MS/DOS
DP () Data Processing - commercial computing
DP (standards) Draft Proposal -
DRAM (hardware) Static RAM - RAM which needs to be refreshed regularly
DRIVE (research programme) Dedicated Road Infrastructure for Vehicle safety in Europe - research programme from CEC DGXIII
DSP (OSI) Domain-Specific Part -
DSP (hardware) Digital Signal Processing -
DST () DeSTination -
DST (time) Daylight Saving Time - USA term
DTE (OSI) Data Terminal Equipment -
DTI (organisation) Department of Trade and Industry - government dept
DU (OSI) Data Unit -
DVI (text processing) - TeX output file format
DVMA (hardware) Direct Virtual Memory Access - DMA to virtual memory - Sun trademark
DW4 (software) DisplayWrite 4 - IBM word processing package for PC
DWB (software) Documenter's Work Bench - text processing package from AT&T
EABS (data base) - ECHO data base
EACE (organisation) European Association for Cognitive Ergonomics -
EAN (network) European Academic Network -
EARN (network) European Academic Reseach Network -
EASE (project) Engineering Application Support Environment - SERC academic support followup to Common Base
EB (SERC committee) Engineering Board - SERC
EBCDIC (standard) Extended Binary Coded Decimal Interchange Code - alternative to ASCII used on IBM systems
EBL () Electron Beam Lithography -
ECAI (conference) European Conference on Artificial Intelligence -
ECF (project) Engineering Computing Facility - of SERC

ECFC (organisation) Engineering Computing facilities Committee - part of SERC
ECFE () Engineering Computing Facilities Executive - Informatics EASE Committee
ECHO (organisation) European Commission Host Organisation -
ECL (hardware) Emitter Coupled Logic - fast chip technology
ECMA (standards body) European Computer Manufacturers Association -
ECSTASY (project) Environment for Control Systems Theory, Analysis and SYnthesis - integrated interface & data management for existing control packages - CDTCE project
ECU (unit) European Currency Unit - of CEC sometimes approximates US dollar
EDIF (CAD/CAM standard) Electronic Data Interchange Format - electronic descriptions standard
EG (conference) Euro Graphics -
EISCAT () European Incoherent SCATter radar facility -
EKS (project) Energy Kernel System - environment for constructing energy analysis tools
ELO (project) ELusive Office - Esprit 2 project on portable workstation
EMACS (software) - text editor
EMAIL () - electronic mail
EMEC (SERC committee) Electro Mechanical Engineering Committee -
ENIAC (hardware model) - historic computer
ENV (SERC committee) ENVironment -
EO (admin grade) Executive Officer -
EOF () End Of File -
EPROM (hardware) Erasable Programmable Read Only Memory -
EPSF (text processing) Encapsulated PostScript Format - PostScript conventions
EPSI (text processing) Encapsulated PostScript Interchange - PostScript bitmap format
EPSYNET () Bulletin Board for International Psychology Researchers -
ERASMUS () European Community Action Scheme for the Mobility of University Students - CEC DGV
ERIL (software) Equational Reasoning - an Interactive Laboratory -
ESA (organisation) European Space Agency -
ESPRIT II (research programme) - second phase of ESPRIT - see ESPRIT
ESPRIT (initiative) - European computing technology initiative
ESPRIT (research programme) European Strategic Programme for R&D in Information technology - research programme from CEC DGXIII
ESRC (organisation) Economic and Social Research Council -

ESSAI () European Systems and Software Initiative -
ETH (organisation) - academic establishment in Zurich
ETSI (organisation) European Telecom Standard Institute -
EURAM (research programme) - CEC DGXIII industrial materials
EUROPARC (organisation) European wing of PARC, Xerox's research laboratory - Cambridge UK
EUUG (conference) European Unix User Group - conference
EVEREST () - ESPRIT-962 project - CEC
EWC (CEM) Expected Week of Confinement - week beginning the sunday before baby is due
EWOS (OSI) European Workshop on Open Systems -
EWS (project) Euro WorkStation - Esprit project to generate a super-workstation
EXPRESS (development language) - language for defining protocols - part of STEP project
EuroPARC (organisation) European PARC - Cambridge England branch of Xerox Palo Alto Research Centre
FADU (OSI) File Access Data Unit -
FB (graphics hardware) Frame Buffer - stored bitmap displayed on a screen
FEM (computing) Finite Element Method -
FFT (computing theory) Fast Fourier Transform -
FILTER () - patented term for selective data transfer
FIPS (standards) Federal Information Processing Standard - US standard
FJP::Forward Job Plan FP (hardware) Floating Point -
FPA (hardware) Floating Point Accelerator - marketing term for Floating Point Processor
FPP (hardware) Floating Point Processor - hardware used to perform "real" arithmetic quickly
FPS (company) Floating Point Systems -
FPU (hardware) Floating Point Unit - another name for FPP
FRAH (person) F R A Hopgood - Informatics Dept Head
FRAMEWORK(research programme) - General CEC research programme 1985-1994
FS (software) File System -
FSC (committee) Finance Sub Committee -
FT (grade) Fixed Term - on (usually) 5 year contract
FTAM (OSI) File Transfer Access and Management -
FTP (communications) File Transfer Protocol -
FYI () For Your Information -

GA    (OSI) Generic Address -

GB    (unit) Giga Byte -

GC    (X window system) Graphics Context -

GCC    (software) GNU C Compiler -

GDP    (GKS) Generalised Drawing Primitive -

GEC    (company) General Electric Company - of UK

GEC    (company) General Electric Corporation - of USA

GIF    (graphics) Graphics Interchange Format - file format

GIOTTO    (project) - mission to Halley's comet

GKS-3D    (graphics standard) GKS with 3 Dimensions - 3D extension to GKS

GKS-N    (graphics standard) - the next generation GKS standard

GKS    (graphics standard) Graphics Kernel System - the first graphics standard

GLIM    (software) Generalised Linear Modelling - NAG software

GLM    (meeting) Group Leaders Meeting -

GN    (OSI) Generic Name -

GNU    (project) GNU is Not Unix - Free Software Foundation re-implementation of Unix

GOK    0 God Only Knows - sometimes output by programs in response to an unknown data type

GPP    (Euro Workstation) General Purpose Processor - 386 between BWS and Graphics pipeline

GPT    (company) - GPT data systems - a division of GEC Plessey Telecommunications

GPX    (hardware model) Graphics Processing Accelerator - DEC graphics processor range

GRACE    (Euro Workstation) - Graphics Accelerator board

GUG    (OSI) Government Unix Group -

GUI    0 Graphical User Interface -

GWM    (X window system) Generalised Window Manager -

HARWELL    (organisation) HARWELL laboratory - near RAL (was AERE)

HCI    (organisational unit) Human Computer Interfaces - now Informatics Department, Design Division, SYSIG

HDLC    (standard) High level Data Link Control - comms protocol

HDTV    (television and video) High Definition TeleVision - having '1000x1000 or greater resolution

HEI    0 Higher Education Institution - University, Polytechnic, etc

HEO    (admin grade) Higher Executive Officer -

HEP    (organisational unit) High Energy Physics - one time Division of RAL see PPD

HEP    (physics) High Energy Physics -

HF    0 Human Factors -

HICOM    0 Human Interaction Communication - Bulletin Board for UK HCI researchers

HLH    (company) High Level Hardware - workstation manufacturer based in Oxford

HLS    (graphics) Hue, Lightness ans Saturation - colour model

HP    (company) Hewlett Packard - workstation, instrument and computer hardware manufacturer

HSO    (scientific grade) Higher Scientific Officer -

HSV    (graphics) Hue Saturation and Value - colour model

HSV    (graphics) Hue, Saturation and Value - colour model

HZ    (unit) HertZ - cycles per second

I/O    0 Input/Output -

IAP    (OSI) Interfaces for Applications Portability -

IBM    (company) International Business Machines - large computer company

IC    (hardware) Integrated Circuit - circuitry on a single piece of silicon

ICCCM    (X window system) Inter-Client Communication Conventions Manual -

ICL    (company) International Computers Limited - British Computer manufacturer and software house

ICMP    (networking) - Internet control protocol

ICPAK    (software) - Objective C (language) package modelled on IC analogy

ID    (organisational unit) Informatics Department -

IDEFIX    (graphical data modelling language) - (commercial package).

DHM    (meeting) Informatics Division Heads Meeting -

IDI    (OSI) Initial Domain Identifier -

IDU    (OSI) Interface Data Unit -

IDUS    (project) Informatics Department Unix Service -

IDUUF    (meeting) Informatics Department Unix User Forum -

IE    (hardware) Intel Ethernet - device name

IEATP    (JFIT programme) Information Engineering Advanced Technology Programme -

IED    (organisation) Information Engineering Directorate - part of DTI

IEE    (organisation) Institute of Electrical Engineers - UK

IEEE    (organisation) Institute of Electrical and Electronic Engineers - USA organisation - most often their standard floating point format

IEGOYC    0 Insert Ethnic Group Of Your Choice -

IES-DC    (data base) - a file on information technology projects under Esprit and similar

projects

IES    0 CEC Information Exchange System -
IES    (project) Information Exchange System - for Esprit
IFIP    (organisation) International Federation of Information Processing -
IGES    (CAD/CAM standard) Initial Graphics Exchange Specification -
IGLM    (meeting) Informatics Group Leaders Meeting -
IGOSIS    (OSI) Implementor Groups on OSI Standards -
IJCAI    (conference) International Joint Conference on Artificial Intelligence -
IKBS    0 Intelligent Knowledge Based System -
IMHO    0 In My Humble Opinion -
IMM    (meeting) IDUS Management Meeting -
IMPACT    (programme) Information Market Policy ACTions -
IMS    (project) Informatics Mail Service - electronic mail
INF    (organisation) INFormatics department - at Rutherford
INFN    (network) - Italian network, academic and industrial, with international links; major users are HEP people, to CERN
INRIA    (organisation) - french research organisation
INTERACT    0 - IFIP Human Computer Interaction Group, and 3 yearly conference
IP    (standard) Internet Protocol - DARPA transport protocol
IPAL    (image processing) Image Processing Algorithms Library - RAL/NAG image processing algorithms
IPC    0 Inter-Process Communication -
IPC    (hardware) Integrated Printed Circuit -
IPSE    (software) Integrated Project Support Environment -
IPSS    (network) International PSS -
IRAS    (telescope spacecraft) Infra Red Astronomical Telescope - satellite
IRDS    (data bases) Information Resource Dictionary System -
IRIS    (hardware model) - Silicon graphics
IRISA    (organisation) - french computing organisation
IRIX    (operating system) - IRISA Unix offering
IS    (standards) International Standard -
ISBN    0 International Standard Book Number -
ISDN    (standards) Integrated Services Digital Network -
ISIS    (project) - Spallation Neutron Source at RAL was SNS
ISO2022    (OSI) - graphics character set encoding
ISO646    (standard) - European character set based on ASCII

ISO8208    (OSI) - ISO publication of X.25
ISO8348    (OSI) - A CONS standard
ISO8571    (OSI) - FTAM
ISO8831    (OSI) - JTM
ISO8878    (OSI) - use of X.25 PLC to support CONS
ISO    (satellite) Infrared Space Observatory -
ISO    (standards body) International Standards Organisation -
ISO    (standards organisation) International Standards Organisation -
IST/31    (standard) -
IT&T    0 Information Technology and Telecommunications -
IT    0 Information Technology -
IT    (OSI) Information Tree -
ITA    0 Information Technology Initiative - of SERC
ITAB    (JFIT committee) Information Technology Advisory Board -
ITD    (organisational unit) Information Technology Directorate - of SERC
ITEC    0 IT Engineering Applications in the Community -
ITS    0 Information Technology Systems -
IUCC    0 Inter University Computing Committee -
IUE    (spacecraft) International Ultraviolet Explorer -
IUNG    0 Inter University Networking Group -
IUPC    (OSI) Inter University Purchasing Committee -
IUPsyS    (organisation) International Union of Psychological Science -
IUSC    (committee) Intra University Steering Committee -
IXI    (company) - software house selling X windows products
IXI    (network) International X.25 Interface - physical base for COSINE
Internet    (network) - The overall western computing network including arpanet, janet, milnet, etc ...
JANET    (network) Joint Academic NETwork -
JAR    (meeting) Joint Appraisal Review - meeting between person and line manager
JCL    (IBM language) Job Control Language - still used on MVS and MVT
JCMT    (telescope) James Clerk Maxwell Telescope -
JFIT    (initiative) Joint Framework for Information Technology - SERC/DTI follow-on to Alvey programme
JNT    (organisation) Joint Network Team - of computer board and research councils
JPL    (organisation) Jet Propulsion Laboratory - american
JTM    (OSI) Job Transfer and Manipulation -

JTMP (comms protocol) Job Transfer and Manipulation Protocol - JNT Red Book

KA () Knowledge Acquisition -

KB (hardware) KeyBoard -

KB (unit) Kilo Byte -

KBS () Knowledge Based System -

KCL (software) Kyoto Common LISP -

KE (organisational unit) Knowledge Engineering - Informatics at RAL

KECU (unit) Kilo European Currency Unit -

KHz (unit) Kilo Hertz - thousands of cycles per second

KOM (Euro Workstation) - division of Seimens involved with Euro Workstation

KST () Kent Software Tools -

LA (OSI) Link Address -

LAN (communications) Local Area Network -

LCD (hardware) Liquid Crystal Diode - display technology

LCF (formal methods) Logic for Computable Functions - logic and system

LE (hardware) Lance Ethernet - device name

LEA (publisher) Lawrence Earlbaum Associates -

LED (hardware) Light Emitting Diode - indicator lamp

LEP (physics) Low Energy Physics -

LF (software) Line Feed - ASCII 10 - line separator on Unix

LFCS (organisation) Laboratory for the Foundation of Computer Science - Edinburgh

LH&K () Love hugs and Kisses -

LINK 0 - funding programme and rules for joint academic/industrial projects

LLC1 (OSI) Logical Link Control 1 - Connectionless ISO8802

LLC2 (OSI) Logical Link Control 2 - Connection Oriented ISO8802

LSAP (OSI) Link Service Access Point -

LSB () Least Significant Byte - or bit

LW+ (hardware model) Laser Writer + - newer Apple laser printer

LW (hardware model) Laser Writer - Apple laser printer

LaTeX (text processing) - macro package for TeX document processor

MAC (OSI) Media Access Control -

MAC (hardware) - nick-name for Apple Macintosh

MACH (operating system) - distributed message=-based operating system from CMU followup to Accent

MACINTER (organisation) International Network of the IUPsyS on Man-Computer Interaction Research -

MAP (CAD/CAM communications) - for linking numerically controlled machines - General Motors in the USA

MB (unit) Mega Byte -

MBI () Medical Bio Informatics -

MC680x0 (hardware) - Motorola processor range used in many makes of workstation

MC68881 (hardware) - Motorola floating point coprocessor (used on Sun 3s)

MD (OSI) Management Domain -

MDNS (organisation) Managed Data Network Services - consortium of PTTs planned to supervise implementation of COSINE

MFB (X window system) Monochrome Frame Buffer -

MFLOPS (unit) Millions of Floating Point Operations Per Second - also Mega FLOPS - measure of Floating point speed

MHS (OSI) Message Handling System -

MHz (unit) Mega Hertz - Millions of Cycles Per Second

MIDI (standard) - music processing interface

MIMD (hardware design) Multiple Instruction Multiple Data - a class of parallel processing architectures

MIMD (hardware) Multiple Instruction Multiple Data -

MINIX (operating system) - Andy Tannenbaum's UNIX

MIPS (company) - manufacturer of RISC micro-processors and machines built around them

MIPS (unit) Meaningless Information Purveyed by Salesmen -

MIPS (unit) Millions of Instructions Per Second - Measure of CPU speed

MIT (organisation) Massachussetts Institute of Technology - USA

ML (programming language) Meta Language - Meta with respect to interactive proof

MMDF (software) - a mail program

MMI2 (project) - Man machine Interface for Multi Modal Interaction with Knowledge Based Systems, Esprit project

MMI () Man Machine Interface -

MMU (hardware) Memory Management Unit -

MMVCS (transputers) Meiko Multiple Virtual Computing Surface -

MOD (organisation) Ministry of Defence (UK) -

MODEM (hardware) MOdulator DEModulator - device for attaching terminals to telephones

MOTD () Message Of The Day -

MOTIF (window system) - standard User Interface for OSF

MOTIS (OSI) Message Oriented Text Interchange System -

MPM (operating system) - for Microcomputers

MPP (CEM) Maternity Pay Period -

MRC (organisation) Medical Research Council -

MSB () Most Significant Byte - or bit

MSDOS (operating system) MicroSoft Disk Operating System - for small computers

MSG () MeSsaGe -

MT (hardware) Magnetic tape -

MTBF (maintenance) Mean Time Between Failure -

MTS (OSI) Message Transfer Service -

MTTR () Mean Time To Repair -

MULTICS (operating system) - runs on Honeywell equipment spurred development of UNIX

MUX (communications) - contraction of Multiplex

MVS (IBM operating system) Multiple Virtual Store -

MVT (IBM operating system) Multiprogramming with Variable number of Tasks - another out of date IBM operating system

NAFEMS (organisation) National Agency for Finite Element Methods and Standards - is based at East Kilbride in Scotland

NAG (organisation) Numerical Algorithms Group - produce software for scientific programming

NAN () Not A Number - special value in floating point work

NBS (standards organisation) National Bureau of Standards - US standards body - now NIST

NCA () Network Computing Architecture -

NCC (organisation) National Computing Centre -

NCS (network architecture) Network Computing System - portable version of APOLLO NCA

ND (networking) Network Disk - allows pre-Release 4.0 diskless Suns to access file systems across the network

NDC (graphics standards) Normalised Device Coordinates -

NDE (window systems) NeWS development environment -

NDR (networking) Network Data Representation - see NCS

NEC (company) - Japanese computer company

NERC (organisation) Natural Environment Research Council -

NFS1 (host name) - Sun 2 file server

NFS2 (host name) - Sun 3 file server with mail

NFS3 (host name) - Sun 3 file server

NFS4 (host name) - Pyramid workcenter with Usenet News software

NFS5 (host name) - Sun 3 file server

NFS6 (host name) - Sun 4 file server

NFS (communications) Network File System - Sun's distributed file system

NIDL (networking) Network Interface Definition Language - see NCS

NIFTP (comms protocol) Network Independent FTP -

NIP (software) New Implementation of Prolog -

NIST (standards organisation) National Institute of Standards and Technology - US standards body - was NBS

NL () Natural Language -

NLP () Natural Language Processing -

NNI (standards body) - Dutch standards body

NORDUNET (network) - large Scandinavian TCP/IP-based network

NRC (organisation) National Research Council - suggested future replacement for research councils

NRPB (organisation) National Radiological Protection Board - near RAL

NRS (standards) Name Registration Scheme - standard names for network sites around the UK

NSAP (OSI) Network Service Access Point -

NSDU (OSI) Network Service Data Unit -

NSEL (OSI) Network Selector -

NSF (network) National Science Foundation - american equivalent of SERC

NSF (project) Nuclear Structure Facility - large Van Der Graaf Generator at Daresbury Lab

NTSC () Never Twice the Same Color -

NTSC (television standard) - American television standard

NeWS (window system) Network Extensible Window System - Sun's own window system

NeXT (hardware) - a workstation

O/R (OSI) Originator/Recipient -

O (OSI) Organisation -

OCCAM (programming language) - parallel programming language for transputers, Named after William of Occam, who advocated simplicity

OCR (hardware) Optical Charcater Recogniser - computer input devices for reading the

ODA (standards) Office Document Architecture - text processing file format

ODIF (text processing standard) Office Document Interchange Format -

ODP (OSI) Open Distributed Processing -

OEM () Original Equipment Manufacturer - also used for companies buying technology and reselling it with "added value"

OHP (hardware) Over Head Projector -

OI (OSI) Object Identifier -

OMS (software) Object Management System - a storage management for objects

ONC () Open Network Computing -

OOB (software) Out Of Band - high priority message

OODB (software) Object Oriented DataBase -

OOP () Object Oriented Programming - programming with data-hiding, polymorphism and inheritance

OOP (sofware) Object Oriented Programming -

OOPSLA (conference) - Object Oriented Programming conference in Los Angeles, america

OPS5 (programming language) - an AI language

OPS (administration) OperatorS -

ORA (research programme) Opportunities for applications of IT&T in Rural Areas - research programme from CEC DGXIII

OS/2 (operating system) - from IBM

OS () Operating System -

OSF (organisation) Open Software Foundation - major computing vendor's Unix standards group

OSI (OSI) Open Systems Interconnection - comms standards

OSI (standards) Open Systems Interconnect - for communications

OU (OSI) Organisational Unit -

OUG (organisation) Occam User Group - (external)

OUP (publisher) Oxford University Press -

PA (OSI) Presentation Address -

PACX (communications) - hardware for switching terminals between computers

PACX (networking hardware) Private Automatic Computer eXchange -

PAD (OSI) Packet Assembler/Disassembler -

PAD (networking hardware) Packet Assembler Disassembler -

PAL (television standard) - British television standard

PARC (organisation) Palo Alto Research Center - Xerox USA research organisation

PC (hardware) Personal Computer - now usually one made by IBM

PCB (hardware) Printed Circuit Board -

PCC (software) Portable C Compiler - original C compiler on which many others have been based

PCDOS (operating system) - version of MSDOS for IBM/PCs

PCE (OSI) Data Circuit-terminating Equipment -

PCI (OSI) Protocol Control Information -

PCM (hardware) Pulse Code Modulation -

PCTE (standard) Portable Common Tool Environment -

PCTEX (software) - version of TeX for IBM/PCs

PCTS (software) POSIX Conformance Test Suite -

PCnfs (software) - version of NFS for IBM/PCs

PDDI (CAD/CAM standard) Product Data Definition Interface - developed by the US Army Air Force. Incorporates XBF techniques and is being consolidated into PDES.

PDES (CAD/CAM standard) Product Data Exchange Standard - USA developing standard for product data exchange. See STEP.

PDL (text processing) Page Description language - language for describing appearance of a printed page

PDP (hardware model) Programmed Data Processor - machine range made by DEC

PDS () Professional Development Scheme - Civil Service/BCS

PDU (OSI) Protocol Data Unit -

PE (SERC committee) Process Engineering -

PEL (graphics) PixEL - IBM term for pixel

PEO (grade) Principal Executive Officer -

PERQ (hardware model) - early workstation made by Three Rivers and then by ICL - first commercial workstation - widely used in UK

PEX (X window system) PHIGS Extension to X - a protocol to support PHIGS+ on X11

PHIGS (graphics standard) Programmer's Hierarchical Interactive Graphics System - ISO 3D modelling standard

PIC (processor hardware) Position Independent Code - also known as Relocatable Code, used by Sun shared libraries

PICK (operating system) - based on database primitives

PID (unix) Process IDentifier - small positive integer which identifies a process

PIXEL         (graphics) - picture element - a "dot" on the display
PLP           (OSI) Packet Level Protocol -
PN            (OSI) Personal Name -
PN            (OSI) Primitive Name -
PNX           (operating system) - ICLs PERQ Unix offering
POSIX         (standards) - Portable Unix standard see also OSF
PPD           (organisational unit) Particle Physics Department - of RAL
PPG           (organisational unit) Parallel Processing Group - part of CMD
PPI           (graphics) Pixels Per Inch - unit of display resolution
PRG           (organisation) Programming Research Group - of Oxford University
PRIMIX        (operating system) - Prime computer's Unix offering
PRMD          (OSI) Private Management Domain -
PROFS         (software) PROfessional OFfice System - IBM management information system
              used by administrative staff all over SERC
PROLOG        (programming logic) - logic-based non procedural language often used in AI and
              KBS
PROM          (hardware) Programmable Read Only Memory -
PROTEAS       () Prototypes European Access Systems -
PS/2          (hardware model) - machine range from IBM
PS            (administrative grade) Personal Secretary -
PS            (text processing software) PostScript - PDL for laser printers, sometimes
              RALpage
PSAP          (OSI) Presentation Service Access Point -
PSAPA         (OSI) Presenation Service Access Point Address -
PSE           (networking hardware) Packet Switched Exchange -
PSO           (scientific grade) Principal Scientific Officer - now Grade 7
PSS           (network) Packet Switch Stream - British Telecom
PSS           (network) Packet Switching Stream -
PST           (time zone) Pacific Standard Time -
PSTN          (OSI) Public Switched Telephone Network -
PTM           (maintenance) PrevenTative Maintenance -
PTT           O - Public Telecommunications carrier
PTY           (software) Pseudo TtY - software teletype used to make programs think they have
              a real terminal
PYR-A         (host name) PYRamid A - Engineering community mini at RAL
QDSS          (hardware model) - DEC graphics hardware

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QMC           (organisation) Queen Mary College - London university
QMS           (company) - manufacturer of laser printers
QOS           (OSI) Quality Of Service -
RA            (grade) Research Associate -
RACE          (research programme) Research and development in advanced communication in
              Europe - research programme from CEC DGXIII
RAL           (organisation) Rutherford Appleton Laboratory - part of SERC note singular
RAL-page      (text processing software) - RAL PostScript interpreter
RAM           (hardware) Random Access Memory - often primary or main memory
RARE          (organisation) Reseaux Associes pour la Recherche Europeenne -
RCS           (software) Revision Control System - version control software for Unix
RDN           (OSI) Relative Distinguished Name -
RE            () Regarding -
REGEX         (software) Regular Expression - string searching language widely used on Unix
REX           (programming language) - for IBM systems
RFC822        (standard) Remote EXecution - remote execution standard for Unix
RFC987        (communications standard) -
RFC           (communications standard) -
RFS           () Request For Comment -
RG2           (software standard) Remote File System - AT&Ts distributed file system
RGB           (administration) - research grant application form
RGO           (graphics) Red, Green and Blue - colour model
              (organisation) Royal Greenwich Observatory - SERC establishment moving to
              Cambridge
RIDT          (conference) Raster Imaging and Digital Technology -
RIP           (typesetting) Raster Image Processor - drives laser printers and type setters
RISC          (processor hardware) Reduced Instruction Set Computer -
RISE          () Research and Development on Integrated Service Engineering -
RL            (organisation) Rutherford appleton Laboratory - normally RAL
RM            (standards) Reference Model -
RMS           () Root Mean Square - wave form measure
RO            (software) Read Only -
ROE           (organisation) Royal Observatory at Edinburgh - SERC establishment
ROFSP         () Ral OFfice Systems Panel -
ROM           (hardware) Read Only Memory - contents often called firmware
ROP           (graphics) - aka BITBLT contraction of RasterOP bitmap boolean combination

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function or its implementation

**ROSAT** (satellite telescope) - X ray telescope in space

**RPC** (communications) Remote Procedure Call - protocol for Inter-Program services, often Sun's RPC uses XDR, supports NFS

**RPM** (maintenance) Routine Preventative Maintenance -

**RPM** (unit) Revolutions Per Minute -

**RR** (OSI) Recipient Registration (OR-address or partial OR-address) -

**RS232** (standard) - for low-speed computer communications

**RT** (hardware model) - IBM PC/RT

**RTFM** () Read The Fine Manual - advice given frequently on USENET

**RW** (software) Read/Write -

**RX** () - receive

**SAP** (OSI) Service Access Point -

**SASE** (OSI) Specific Application Service Element -

**SCCS** (software) Source Code Control System - version control software for Unix

**SCSI** (standard) Small Computer Systems Interface - bus architecture widely used on sun disks

**SDU** (OSI) Service Data Unit -

**SE** () Software Engineering -

**SED** (organisational unit) Systems Engineering Division - Informatics Dept at RAL

**SEO** (grade) Senior Executive Officer -

**SERC** (organisation) Science and Engineering Research Council - parent body of RAL

**SESAME** () Documentation Database containing Information on EEC demonstration and Technology Projects -

**SET** (CAD/CAM file format) Standard d'Echange et de Transfert - Aerospatiale in France

**SGI** (company) Silicon Graphics Incorporated - american graphics workstation manufacturer

**SGML** (standards) Standard Generalised Markup Language - text processing standard see also ODA

**SH** (software) SHell - UNIX command line interpreter and language

**SI** (organisational unit) System Interfaces group - Informatics at RAL

**SIAP** () Service Infrastructure Action Plan -

**SIG** (organisation) Special Interest Group - usually subset of a conference see also BOF

**SIGAI** (organisation) Special Interest Group on Artificial Intelligence -

**SIGCHI** (organisation) ACM Special Interest Group in Computer Human Interaction -

**SIGGRAPH** (ACM organisation) Special Interest Group on GRAPHics - also large ACM conference

**SIGPLAN** (ACM organisation) Special Interest Group on Programming LANguages -

**SIMD** (hardware design) Single Instruction Multiple Data - a class of parallel processing architectures

**SIMD** (hardware) Single Instruction Multiple Data -

**SMD** (hardware) - disk drive technology in Suns

**SME** () Small to Medium Sized Enterprise -

**SMI** (company) Sun Microsystems Incorporated - manufacturer of workstations

**SML** () Standard ML - see also ML, LCF

**SMM** (project) Solar Maximum Mission - satellite to look at Sun

**SMP** (CEM) Statutory Maternity Pay -

**SMTP** (communications) Simple Mail Transfer Protocol -

**SN** (OSI) Subnetwork Number -

**SNA** (network) - IBM network architecture

**SNDCP** (OSI) Sub Network Dependent Convergence Protocol -

**SNF** (X window system) Server Natural Format - internal representation for fonts

**SNICP** (OSI) Sub Network Independent Convergence Protocol -

**SNPA** (OSI) Sub Network Point of Attachment -

**SNS** (project) Spallation Neutron Source - at RAL now ISIS

**SO** (scientific grade) Scientific Officer -

**SPARC** (hardware) Scalable Processor ARChitecture - Sun's RISC chip design

**SPRINT** () Strategic programme for Innovation and Technology Transfer -

**SPSO** (scientific grade) Senior Principal Scientific Officer - now Grade 6

**SQL** (database language) Structured Query Language -

**SRA** (scientific grade) Senior Research Associate -

**SRAM** (hardware) Static RAM - RAM which does not need to be refreshed regularly (expensive)

**SRC** () SouRCe -

**SRC** (organisation) Science Research Council - now SERC

**SRS** (project) Synchrotron Radiation Source - large ring at Daresbury

**SSADM** (software engineering) Structured System Analysis and Design Method - CCTA

**SSAISB** (organisation) Society for the study of Artificial Intelligence and Simulation of Behaviour - UK

**SSAP** (OSI) Session Service Access Point -

SSEL (OSI) Session Service Selector -

SSO (scientific grade) Senior Scientific Officer -

ST80 (programming language) SmallTalk 80 - object oriented programming language

ST (OSI) System Title -

ST (hardware model) - small workstation built by Atari

STAR (hardware) Streamer tape - also known as Cartridge Tape

STDIO () CEC programme for the development of certain less-favoured regions of the Community by improving access to advanced telecommunications services -

STDIO (software) STandard I/O library - standard library used on Unix to access I/O system calls

STEP (CAD/CAM ISO standard) STandard for the Exchange of Product data - ISO standard being developed by ISO/TC184/SC4

STRIDE () Science and Technology for Regional Innovation and Development in Europe -

SUN2 (hardware model) - Sun's MC68010 based workstations

SUN3 (hardware model) - Sun's MC68020 based workstations

SUN4 (hardware model) - Sun's SPARC based workstations, now SPARCstation

SUN (company) - workstation manufacturer was Stanford University Network

SUNOS (operating system) - Sun's Unix offering

SUNVIEW (window system) - Sun's window system

SVID (standard) System V Interface Definition - AT&T's Unix standard

SVR2 (operating system) System V Release 2 - in common use

SVR3 (operating system) System V Release 3 -

SVR4 (operating system) System V Release 4 - combined AT&T/SMI system

SYSTRAN () System Translation research programme -

T4 (transputers) - short for T414 transputer, standard 32-bit transputer micro-processor

T8 (transputers) - short for T800 transputer, T414 with FPU and other enhancements/extras

TACC (organisation) Transputer Applications Community Club - (external)

TAMG (organisation) Transputer Applications Management Group - (external)

TAP (CAD/CAM standard) Transport and Archiving of Product definition data - a project of DIN (German standards organisation).

TAR (software) Tape ARchive - format and program for storing hierarchical file systems on tape

TBD () To Be Defined -

TBD () To Be Discussed -

TBD () To Be Done -

TC97 (standards body) Technical Committee - for OSI

TCOM (meeting) Transputer Centre Operations Meeting -

TCP/IP (standard) - TCP running over IP

TCP (standard) Transmission Control Protocol - DARPA communications byte-stream protocol

TCU (organisational unit) Transputer Coordination Unit - Informatics at RAL

TDS (transputers) Transputer Development System - (Inmos)

TDT (transputers) Transputer Development Toolset - (Inmos)

TECO (software) - influential historical editor known for difficult user interface

TED () Tenders Electronic Daily -

TEDIS () Trade Electronic Data Interchange Systems -

TEX (text processing) - free Text formatter Normally written TeX or TEX with E lowered pronounced Teck

TIA () Thanks In Advance -

TLA () Three Letter Acronym -

TLB (hardware) Translation Look-ahead Buffer -

TLV (OSI) Type Length and Value - protocol element

TM () Trade Mark -

TOP (CAD/CAM communications) Technical and Office Protocols - Boeing Computer Services

TROFF (text processing software) Typesetter RunOFF - text formatter

TSAP (OSI) Transport Service Access Point -

TSEL (OSI) Transport Service Selector -

TSO (IBM operating system) Time Sharing Option -

TTFN () Ta Ta For Now -

TTL (hardware) Transistor-Transistor Logic - chip technology

TTY (hardware) - Teletype, now commonly any terminal-like device as seen by a computer

TWS () Translator Writing System -

TX () - transmit

UARS (project) Upper Atmosphere Research Satellite -

UCB (organisation) Univeristy of California at Berkeley - Origin of BSD Unix

UCL (organisation) University College London -

UCSD (organisation) University of California at San Diego - USA university

UDP (standard) User Datagram Protocol - part of DARPA protocol suite used by XDR,

UFS (sofware) Unix File System - now used to distinguish Unix File systems from NFS or other file systems

runs over IP

UI () User Interface - often graphical was the user experiences when using a computer

UID (unix) User IDentifier - small positive integer which identifies a user

UIMS (software) User Interface Management System - software to manage all aspects of a User Interace

UIMS (user interfaces) User Interface Management System - system for constructing interfaces with a consistent look and feel

UKC (organisation) Univeristy of Kent at Canterbury - university

UKIRT () UK Infra Red Telescope -

UKUUG (conference) UK Unix User's Group -

ULCC (organisational unit) Univeristy of London Computer Centre -

ULM (meeting) Unix Liaison Meeting -

ULTRIX (operating system) - DEC's Unix offering

UM () User Model -

UMIST (organisation) Univeristy of Manchester Institute of Science and Technology -

UNICOS (operating system) - Cray's Unix offering - gradually supplanting COS

UNIX (operating system) - portable operating system, trademark of AT&T

USENET (network) - Large network of Unix and other machines world wide, run altruistically

USENIX (conference) - large Unix users conference

USM (meeting) Unix Service Meeting -

UTS (operating system) Unix Time Sharing system - implementation of Unix for Amdahl mainframes

UUCP (software) Unix to Unix CoPy - very old but popular file transfer software

UWM (X window system) Universal Window Manager -

VAX (hardware model) Virtual Address eXtension - DEC product range and CPU architecture

VCR (hardware) Video Cassette Recorder -

VDA-FS (CAD/CAM standard) VDA-Fichenschnitstelle - free form surface data

VDA (organisation) Verband der Automobilindustrie - German car manufacturers association.

VDT (hardware) Visual Display Terminal -

VDU (hardware) Visual Display Unit - also known as screen or display

VHDL (language) VHSIC Hardware Description Language -

VHS (standard) - video tape format

VHSIC (hardware) Very High Scale Integrated Circuit -

VIS (grade) Visitor -

VLDB () Very Large Data Base -

VLSI (hardware) Very Large Scale Integration - chips with lots on them

VM (software) Virtual Memory - process of simulating real computer memory with a disk

VME (standard) - bus architecture for fast peripherals

VMS (operating system) Virtual Memory System - DEC's proprietary operating system, major Unix rival

VRAM (graphics hardware) Video RAM - dual ported memory used as a Frame Buffer

VT100 (hardware model) - DEC terminal

VT200 (hardware model) - DEC terminal

VT52 (hardware model) - DEC terminal

VT (hardware model) - DEC terminal

VTP (OSI) Virtual terminal -

VTR (OSI) Virtual Terminal Protocol -

Valoren (hardware) Video Tape Recorder -

() CEC programme for the development of certain less-favoured regions of the Community by exploiting endogenous energy potential -

WAN (communications) Wide Area Network -

WCW (company) Whitechapel Computer Works - workstation manufacturer, now defunct

WDSS (GKS) Workstation Dependent Segment Store -

WEP (x400) Wellknown Entry Point - (probably national) point of entry to X.400 network

WET (time zone) Western European Time -

WIMP () Windows, Icons, Mouse and Pull-down menus - with variations - graphical user interfaces in general

WISS (GKS) Workstation Independent Segment Store -

WM (window systems) Window Manager - window manager

WMS (window systems) Window Mangernet System - window system

WP () Work Package - The largest unit of a project

WP () Work Programme - The set of potential project areas issued in a call for research proposals by an initiative

WRT () With Repect To -

WW        (window systems) - interactive graphics toolkit from RAL of obscure origin

WYSIWYG   (text processing) What You See Is What You Get - document processor which
          preserves layout when printed

WYSLRN    (text processing) What You See Looks Real Near -

X.213     (OSI) - ISO8348 a CONS standard

X.21      (standard) - circuit switching

X.244     (OSI) - Addendum to X.25 coordinating encodings

X.25      (standard) - for long-haul networks

X.28      (OSI) - PAD control and setup

X.29      (OSI) - Use of X.25 with a PAD - used to traverse networks

X.3       (OSI) - PAD Configuration for devices

X.400     (standard) - Message handling systems

X.410     (OSI) - remote procedure call standard

X.500     (standards) - for Directory Services

X11       (X window system) X Version 11 - EASE adopted standard window system
          (window system) - window system (now at Version 11) developed at MIT and

X         made publicly available in source form

XAW       (X window system) X Athena Widgets - toolkit built on XTK intrinsics

XBF       (CAD/CAM standard) - Specification for solid model exchange, developed by
          CAM-I.

XDR       (protocol) eXternal Data Representation - Sun's portable data transfer protocol
          supports RPC and thus NFS, uses UDP/IP

XENIX     (operating system) - Microsoft's Unix offering for smaller 286/386-based
          systems

XINU      (organisation) Xinu is Not Unix - mT Unix - Unix support organisation in
          america, Unix TM backwards

XLIB      (X window system) - C library interface to the X window system protocol

XOR       (graphics) Exclusive OR - raster combination mode which changes colour
          reversably

XTC       (project) - another name for ECSTASY

XTK       (X window system) X ToolKit - specifically the Intrinsics - a framework on
          which to build other toolkits

XXX       (OSI) - PAD protocols X.3, X.28 and X.29, also known as Triple X.

YP        (software) Yellow Pages - Sun distributed reliable database

Z         (specification language) - language for specifying software systems - from PRG

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