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Output Devices

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- OUTPUT DEVICE NEWS FLASH -
(APS-5 AND LINOTRON 202)

David Fuchs

A quick note just before the deadline: During this summer, I will be working on Pascal interfaces for the Autologic APS-5 (and the compatible micro-5), and the Mergenthaler Linotron 202. The first incarnation of each interface will allow TeX to use only fonts supplied by the manufacturer. There is some reason to hope, however, that I will also be able to get enough information about font encoding on these machines so that I can write METAFONT output modules for each one. This would allow the CM font family (as well as any other METAFONTed fonts) to be used with these machines. I am particularly enthusiastic about the APS-(micro)5; the native language of the machine looked good, the documentation seemed complete, and the people at Autologic were quite helpful. They even said that they would consider releasing their font encoding description on a non-disclosure basis "if it helps us sell typesetters". For more details on the status of either of these interfaces, please contact me at this address:

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I am also interested in hearing any news of anyone succeeding or failing to interface TeX to any device.

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Summary of Computer Equipment
and Output Devices

The following computer architecture groups and output devices have been specified by TUG members. Computers marked with ** are known actually to have a version of TeX installed and capable of producing DVI files; output devices so marked have actually produced output copy from TeX DVI files. (No distinction is made between systems capable of production and those still operating only on a test basis.) A single * indicates that work is in progress.

The separately-bound membership list contains sublistings of member names by the device types given below. There is not yet any cross-reference mechanism to indicate which output devices are connected to which computers; for details, see the

individual member listings and the "Site Reports" column which appears in every issue of TUGboat.

COMPUTERS

Amdahl	Ithaca Intersystems
Apple	LSI 11
Burroughs	microcomputers
CDC	Motorola 68000
CDC 6400	*Multics
CDC 6600	**Nord
CDC 6700	North Star Horizon
CDC 7600	**Onyx
**CDC Cyber	PDP 11
Cray	PDP 8
DEC	PERQ
**DEC 10	Pascal microengine
**DEC 20	Perkin Elmer
DEC WPS-8	Prime
DG	Raytheon 703
DG Eclipse	S-100
DG Nova	Siemens
DG S140	Singer/Wang L8400
Facom 230-75/M-180	TI 990
Foonly	TRS 80
Fujitsu M190	Tandem
HP 1000	Telefunken TR440
HP 3000	**Univac 1100
Honeywell	*Univac 90
IBM	Univac System/80
**IBM 303X	VAX
IBM 3081	*VAX (UNIX)
IBM 360	**VAX (VMS)
**IBM 370	Wang 2200
IBM 43XX	Wang OIS
IBM Series 1	Xerox Alto
ICL 1904S	Xerox Sigma
ICL 2960, 2980	Z80
Intel 8080	Z8080
Interdata	

OUTPUT DEVICES

AM Comp/Set 4510	III COMp80
AM CompEdit	III VideoComp
Alphatype Multisetter	laser
**Alphatype CRS	Mergenthaler
Anadex	Mergenthaler CRTronic
Autologic APS-5	Mergenthaler Linotron
Bobst Eurocat	Mergenthaler Omni
CalComp	Mergenthaler VIP
**Canon LBP	NEC Spinwriter
Compugraphic	Nortext typesetting system
Compugraphic 7500	Olivetti
**Compugraphic 8600	Photon Pacesetter
Compugraphic Editwriter	Printronix
Compugraphic Unisetter	QUME
Compugraphic Videosetter	Sanders
Diablo	Tektronix
Dicomed D47	Trilog C-100
**Florida Data	**Varian
GSI C/A/T	**Versatec
GSI phototypesetter	Wang phototypesetter
Graphiset 8	Xerox
Harris 7400	Xerox 1700
Harris phototypesetter	Xerox 5700
Hell Digiset	Xerox 9700
IBM 3800	**Xerox Dover
IBM 6670	**Xerox XGP
IBM laser printer	