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SECOND SOFTWARE DISTRIBUTION

On the following pages you will find an announcement of the availability of the Second Software Distribution and its contents.

Magnetic tapes should be sent to:

Nichnel T. O'Brien Dept. of Information Engineering University of Illinois at Chicago Circle Box 4348 Chicago, Illinois 69680

As noted in the announcement the default request is for the latest distribution which will be in "stp" format (see below). To receive anything else you must have explicit, understandable instructions. To get either the Unrvard or Toronto distributions you must submit an executed license agreement and be an academic institution, i. e. a noncommercial licensee of Western Electric. Commercial licensees must deal with Toronto and Harvard on an individual basis.

ADDITION TO THE DISTRIBUTION

Included in the distribution will be two new forms of tp. One is a rewrite of tp from assembler to c. It is believed by the author to be identical in function to standard tp. The second is an enhancement for magnetic tape called super-tp (stp). It allows updates to an stp magtape. The distribution referred to above will be written with stp. It may be read with standard tp, but any additions to the standard distribution on the same tape will be placed there by an update run of stp and will be readable only by stp. The documentation of stp on the distribution tape will be self explanatory (we hope).

STOP PRESS

The following message was just received from Chicago Circle.

I got the "diff" listing of all changes to Bell Unix system proper from "standard" version 6, which apparently means the currently distributed version 6. There are some bug fixes which are not in my version 6, which are in the currently distributed v6. Anyway, I've itemized some 50 changes, and sent the list to Ken for verification and comments. The changes will be available through the center by special request: hence, the uninitiated will not be tempted to do a number on themselves, as they might be if the mess were suddenly dumped in their laps.

Also, a new tape is in the process of preparation, and should be available as soon as it clears the lawyers, for the usual free license and handling fee. It contains the new mroff, the new C, the new I/O library (faster & smaller than anything to date), and a bunch of other such things. It will be available from Bell, not the Center. Ken is going to send a formal notice to the News.

WARNING: Most of us do not have the "currently distributed V6". CAVEAT EMPTOR.

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		Brooklyn, NY 11210
Prof. Melvin Ferentz	Brookyln College of CUNY	Drookiyn, Al 11210
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UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE DEPARTMENT OF INFORMATION ENGINEERING COLLEGE OF ENGINEERING BOX 4348, CHICAGO, ILLINOIS 60680 TELEPHONE: 996-3423



November 16, 1976

Brooklyn College City University of New York Brooklyn, New York 11219 Prof. Melvin Ferentz Physics Dept.

Dear Mel

This should hold you for awhile.

I am enclosing the mailing announcement and menu, as well as a release notice for the Toronto software. The latter is a tiny bit premature as I am missing one file; I will have to get it from either Lou Katz, or from Martin Tuori in Toronto. One thing I unfortunately forgot to mention in the Toronto announce-ment is that it is unfortunately not available through the center to commercial users. They should contact Toronto directly.

When the Newsletter with this stuff in it appears, the mailing will be officially open. All that means is that tapes appearing without specific requests attached get the current mailing. People asking for "Mailing \$ 1" or "the old mailing" will get the appropriate stuff.

to rerun the Harvard license agreement when you run the Toronto agreement so they appear at least once in the same place. idea It might be a good

That's a really good mailing list in # 9. Gorgeous.

Have fun!

Michael T. O'Brien hite venre,

UNIX SDC MAILING \$ 2

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Contents

1) Rand Corp. Software

Includes RAND's changes to UNIX (3 new system calls, EOP on pipes, etc.), as well as: a) The RAND windowing editor (a real gem on 9600 baud

b) MASTER and OPSER, comprising a general system for han-dling background jobs; allows re-connection to the job at a later cursor-addressible CRT's)

c) Many changes to other commands to make life easier. All the above completely documented.

2) Naval Postgraduate School Software

Were machine. Ken Thompson thinks otherwise. You will have to judge for yourself. On the same basis is available a modified Version 5 UNIX which attempts to emulate a complete pdp-11 at each user terminal, for instructional purposes. Never used in production and good for code-reading only. Documented. Included are fixes to allow remote rebooting of the machine in the event of a crash, a driver for Versatec plotters (block DMA interface only--sobi), a version of DT, minor editor fix, an 8989 assembler, etc. Note: some of the stuff has a special "//-to-enofof-line" sort of C commenting style that will cial "//-to-endof-line" sort of the style that will first pass throws out a process only if that process alone will first pass throws out a process. NPS claims 258 improvement on a make room for the new process. NPS claims 258 improvement on a

3) UCSD Fortran Update

Includes bug fixes to the original UCSD Fortran included

in Mailing #1, and includes as well: a) An 8088 assembler and 8088 object file compacter. b) Various modules for talking to RT-11-structured file systems. An overlapping set with RTPIP, distributed last time. All of the above are documented.

4) University of London Software From the people who brought you "ed for mortals" comes another bunch of stuff:

a) "pop", or "pieces of perspex", a set of routines which a cursor-addressable terminal logically into general-, overlaid windows for management of the screen <u>gua</u> divide a purpose,

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License Agreement

The undersigned, as a recognized representative of

Academic Institution:

Department:

1. **1** 8

agrees that any software provided by Harvard University for use with the Bell Unix Operating System

1) shall be used only by the above Institution, and shall under no circumstances be further distributed; and

2) shall be used solely for academic, non-commercial purposes.

Signature:

Title or Rank:

Date:

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	IN	WITNESS	WHER	REOF	I/WE	have	hereunto	set	my/our	hand(s)	this	day
of		,	19									

IN THE PRESENCE OF:

(Signature of recipient)

Witness

Witness

(Signature of recipient)