

'reg' Perq time I.M. file

SCIENCE AND ENGINEERING RESEARCH COUNCIL
RUTHERFORD APPLETON LABORATORY

COMPUTING DIVISION

D I S T R I B U T E D C O M P U T I N G N O T E 5 7 3

PERQ Unix Implementation Note 19

COMMON BASE DEVELOPMENT PLAN

issued by
R W Witty
15th February 1982

DISTRIBUTION: All Section
 F R A Hopgood
 PERQ/Gen File

1. INTRODUCTION

The following sections give an indication of the work in progress, the interdependancies of tasks and their expected completion dates. These are your targets for the coming few weeks. Please let me know as soon as possible if you are likely to miss a target.

2. RAL UNIX MILESTONES

12/2

- 1. BSP, BBP, RS232 PERQ-PERQ.

15/2

- 1. C Compiler producing executable code from referentially complete programs.

28/2

- 1. Completed C Compiler including linker.
- 2. Unix-ACCENT system call mapping library.
- 3. ACCENT file system.
- 4. PERQ FTP front ending BSP, BBP, RS232 on both PERQ and 11/70.
- 5. GPIB ring interface working from Kent BSP software.

15/3

1. Unix shell running on PERQ including portable libraries.
2. UMC Z80 running BBP plus BSP driver on 11/70 with PERQ FTP user interface.

31/3

1. All vital utilities running.
2. RAL Unix runs 'shell' test proving it is 'real' Unix.
3. FORTRAN runs.

5/4

1. Easter pre-release version of Unix.
2. GKS 6.2 moved from 11/70 to PERQ.

15/4

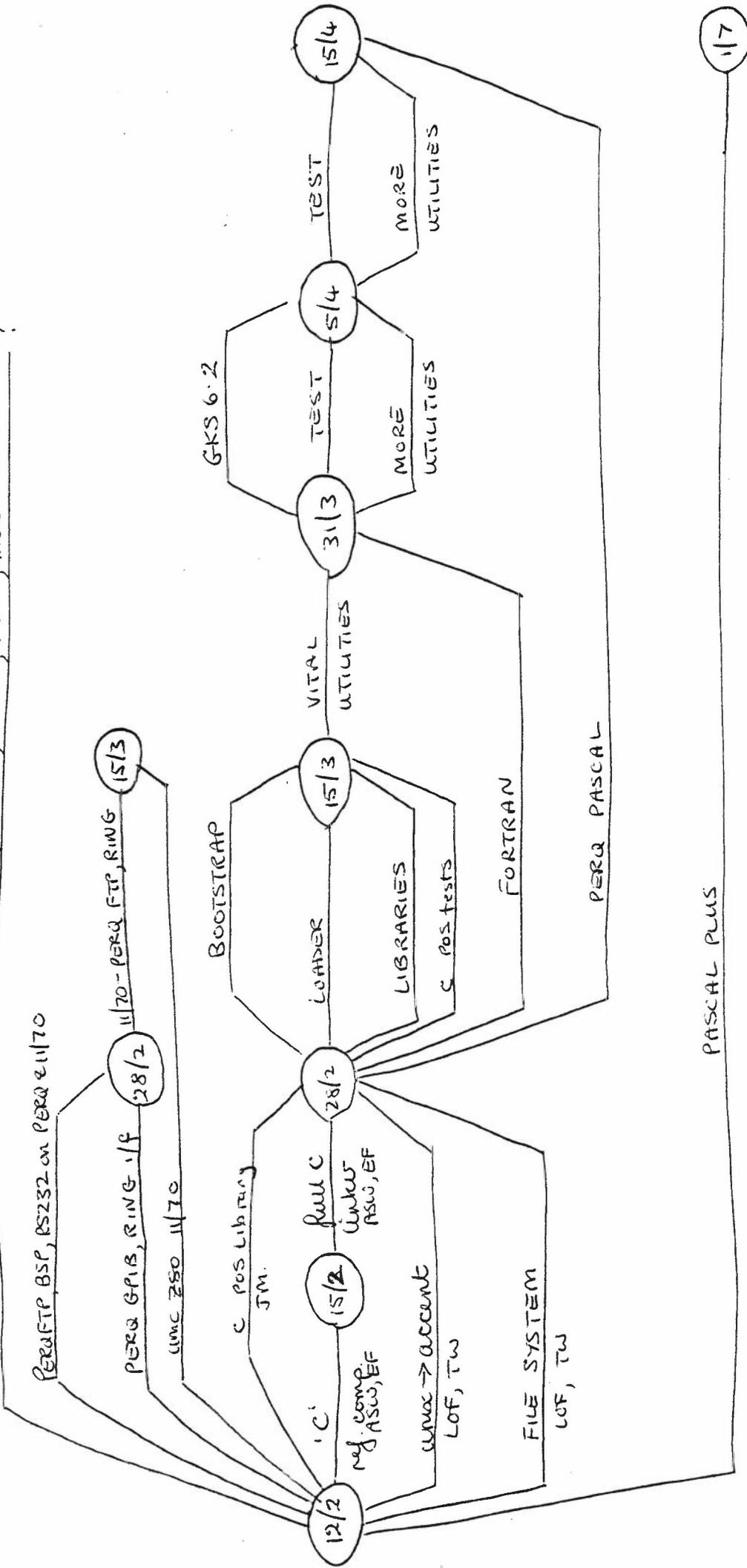
1. PERQ Pascal running.
2. CMU Industrial Affiliates demonstration of RALUNIX.

1/7

1. Pascal Plus (includes ISO Pascal) runs.
3. RAL UNIX FEATURES
 - a. Full V7 Unix.
 - b. 32 bit paged virtual address space.
 - c. Mixed language working between C, F77, Pascal.
 - d. Multi-user Unix even though ostensibly SUM. i.e. RS 232 can be user terminal.

COMMON BASE DEVELOPMENT TIMESCALES

TSBSP, FTP80, JTMP, TS29, mail ?



↑
28/2
full C compiler

↑
15/3
shell runs for 1st time

↑
31/3
shell complete

↑
5/4
1st time recompile Unix runs

↑
15/4
begin alpha test

PASCAL PLUS

117