

WISC LIBRARY

Now  
~~MAD~~

Back to  
ADA

File No. 0.04.02

Adaptation

Operation

To modify the INTERNAL (or RELATIVE) addresses of a subroutine to apply wherever the routine is located.

ADA

Use

a) Calling Linkage

L	:	100	8	L + 2	3ff	35f
L + 1:		000	5	000	000	<del>35f</del>
L + 2:		0	j	$\frac{W_1}{k}$	k	$\beta$

c) Storage

Dead storage: ~~200~~ to ~~300~~  
also uses Set-Up and Completion Blocks of CON  
13 opcodes: 354 to 35f

d) Explanation of symbols:

Assume a library routine consisting of  $j$  words, the first  $k$  of which are orders. It is written for storage starting with location 001; in use it will be stored in a block of  $j$  locations starting with location  $W_1$ .

Requirements and Performance

- |                                 |  |
|---------------------------------|--|
| a) Method of operation          | Address modification                                       |
| b) Additional routines required | The routine to be adapted                                  |
| c) Range and form of variable   | Hexadecimally coded orders, either fixed or floating point |
| d) Accuracy                     | Exact  |
| e) Performance time             | .3 sec/word + .5 sec                                       |