

SEARCH

This subroutine searches the Name List for the current identifier, and is called with one of four parameters:

- (1) $w = 0$; search the entire name list and find the identifier ;
- (2) $w = 1$; search the part of the name list local to this block and do not find the identifier;
- (3) $w = 2$; search the part of the name list local to this block and find the identifier ; and
- (4) $w = 3$; as search (1) except the identifier is then inserted.

In the case of $w = 0$, each time a block stopper is passed, the block number stored with it is copied into BN+2 (Found Block Number).

When the identifier is found (and that is what is desired), it is marked as used (for later checking in NCLAPS COLLAPSE NAME LIST) and, where necessary, resets TYPBOX. Certain checks then follow, such as, is the identifier preceding a [an array or switch; is the identifier preceding a (a procedure with parameters or a formal procedure zero.

ERRORS

- FAIL 48 ; identifier declared locally.
- FAIL 17 ; identifier not declared locally.
- FAIL 87 ; identifier not switch or label when so required.
- FAIL 18 ; Use of undeclared identifier.
- FAIL 61 ; (misplaced, or missing procedure name.
- FAIL 99 ; Inconsistent use of identifier.
- FAIL 38 ; [preceded by other than switch or array.