I) Bread naming conventions

A bread 2 port name will define an entry in some directory. The desired entry is not named by the 1st part of the name in the directory obtained as follows.

If the second part is null, or the same as the current user name, then the temporary directory is used; otherwise the 2nd part is looked up in a special directory. The result, assumed to be a directory, is used.

Note: The special directory contains at least the following entries. For each logged in user, this temporary directory under his user name, with all dangerous option bits turned off. Under "c" the system call directory; under "class", a directory to hold class files. Under "operate" a directory to hold some executables.

These objects will be held in dynamic or static some tags

Note: A "class" and "operate" may instead use special c-lists and files of names.
II) Brod calls (directory actions)

A) $B_6 =$
   read directory entry

   i) The entry will be looked up as in I). If not found
      search for the directory of the root and the 2nd part of
      the brod name was either null or that of the user
      then a disk file will be created and
      argument placed in the entry name as in I).

ii) If the result of i) is a name tag, the result of $B_5$
    is obtained as the directory new result.

iii) If the result of i) or ii) is a dictionary file then
    a) The type field of the 4th word previous to entry
       is set to $0$.
    b) The left half of the 4th word is set to the blocks i.e.
       the right half of the 4th word is set to the address
       of the 1st missing word. (VIA PINK)
    c) If the 1st word of the file is present and negative the
       system bit is set on, else off.
iv) If the result of iv or ii) is not a file, the type field is set to 2 and no 4th word is set to zero.

v) In any case, the 1st part of the 5th word is placed in the 1st word, the 2nd part (current user name, null) is placed in the 2nd word, the index is set to 0. The 3rd word is set to 0.

vi) If the directories do not have access option bits or if a file found with non-zero access flags may result.

b) B6 =
write directory entry
noop

c) B6 =
kill directory entry

The named object is destroyed and the named entry destroyed. If the file entry here held a dynamic nametag, the associated object also destroyed.

[If proper option bits were on, funny s]
D) \( b_6 \) =

read a directory entry if none \( b_5 \) is set

Same as A)

D) \( b_6 \) =

set a directory entry (new action)

a dynamic name tag is created \( \neq \) if none as \( 1 \)

It is given as value the object passed. (etc. list name \( b_7 \))

only works if 2nd part of brand name is null or current user.

III) temporary version of II

II) will be simulated using a list and file

more or less like the current brand directory,

main differences from II will be no option \( b_6 \),

no disk files.