

Sep 11th 1970

I) internal basic command processor

This is essentially a super simple programming-language

I) internal state - 2 parts

A) directory list scan list.

a) seq of pairs, each pair consists of

i) a directory

ii) an access key - can \exists 2 ACs for 1 directory?

B) a list of variables [except? variables]

~~each variable has a value which is part of a pair~~

i) ~~an~~

ii) each variable has a name (max size-?) (16 ^{bytes} min?)

iii) each variable has a value which is one of:

a) an internal action

b) an object (capability)

~~or abstract pair directory~~

^{internal}

II) basic action, called 'setcs'.

input is a name

procedure is as follows:

- A) if the ~~name~~^{id} is null, a nullaccesskey is returned
- B) else if there is a variable with the input name, value is value of the variable.
- C) else if no variable of that name, each pair in the directory scan list is examined process until
 - if the input name can be found in the directory and the access key checks, the resulting object is the value.
- D) else the filter fails.

III) command action:

a command, a set of intent-args separated by commas, is terminated by ^{terminated by} ~~break or process~~

typical and processed as follows:

The 1st identifier, called the act, is run through the perfect action.

- a) if an internal action is obtained, it is executed, subaction
- b) if an object is obtained, and is a filter (subprocess descriptor) a subprocess is formed and called (with mutator powers?)

proposals for parameters
and

?
See sub-process descriptor
for input parameters

IV

initial values of variables

~~base object action~~

Feten, happy, due
Feten's father, due and rises
Feten's father due and happy
result as value of happy

A) ~~Feten~~ - value on internal action

The ~~the~~ second identifier is taken as a variable

name,

~~the last identifier~~, ~~last~~ identifier is selected
and resulting object placed as value of the variable

~~If it is more important, even if it is not defined, the result is placed as value of the variable.~~

~~choose~~

Certain variables can not be ~~in~~ ^{choose} program

~~Feten~~
~~etc~~

permt

TEMP

SYS

~~scan~~
KILL
SET

NORM
RESET

B) permt - value ~~on internal action~~ ~~on internal action~~
is user permanent director, ~~on internal action~~

50 100 150
120 130 140

C) TEMP - value ~~on internal action~~ ~~on internal action~~
user temporary director, ~~on internal action~~

D) SYS - value system director, w. ~~no null access has risen~~
~~no null access has risen~~

from

50 100 150
120 130 140

E) Scan - value an internal action

each successive ident. f.in is looked up,
alternately ^{and} and
~~the~~ values must be, & direct^g access keys

(2) ~~part of success~~

are and a new directory scan list
is made up ~~of~~ consisting of these batch of
values.

P) u.11) - ^{2nd} ident. f.in is taken as a variable name, and that
variable deleted.

IV) initial scan list.

is result of

~~Scan, Del, Create, Set, Temp, Perm, etc.~~

SCAN, SYS, norm, temp, perm,

a) SOT - The 2nd ident. f.in is taken as a variable name,

The ^{4th} ident. f.in is looked up, and ~~is assumed to be an identifier~~

Re 5th ident. f.in is looked up, and ~~is assumed to be an~~
access key ~~if not, then access key~~

The ~~6th~~ 3rd ident. f.in is looked up in the fetchout directory
with the fetchout access key. The object found is placed
as value of the variable (2nd ident. f.in)

H) norm - an access key, for use with system directory

I) reset - an action that will all exert the fixed variables, the
~~object~~ reset initial scan list