I) initial state - 2 parts

- directory scan list: a seq of pairs, each pair consists of
  i) a directory
  ii) an access key - can fit 2 ACs for 1 directory?

B) a set of variables [v1, v2, ... vn]

- each variable has a value which is a pair:
  i) a
  ii) each variable has a name (max 8 chars?) (12 in ?)

- each variable has a value which is one of:
  i) an internal action
  ii) an object (capability)

II) address action, called 'fetch'

input is a name

procedure is as follows:
A) if an input is null, an accessor key is returned.

B) except there is a variable with the input name, value is value of the variable.

C) exit if no variable of that name, even part in the directory scan list, is processed in turn.

if the input name can be found in the directory and
the access key exists, the resulting object is the value.

D) else the field fails.

III) command action:

a command array of identifiers separated by commas is

"terminated by" ?

"continues by"?

The 1st identifier, called the act, is run through the

"patch" action.

a) if an internal action is obtained, it is executed, such as

b) if an object is obtained, and is a file, a sub-process is

a sub-process is found and called (with what process?)

proposals for responses

Sear &. 6 processes, scripts
for internal responses
Initial values of variables

A) Fetch

- value of internal action

The second object 'fais' is taken as a variable

name,

The third

object 'fais' is fetched

and resulting object placed as value of the variable

Certain variables cannot be

1) Fetch

perm

Temp

sys

BLP.NORM

KILL

reset

B) perm - value of user's permanent directory

C) Temp - value of user's temporary directory

D) sys - value of system directory

E) load -
E) **scan - value internal action**

Each successive identifier is searched alternately up and down (values must be in directory across keys)

Once and a new directory scan list is made up consisting of these values.

F) nil - The identifier is found as a variable name and not a variable declared.

Initial scan list is result of

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SCAN sys, run, temp, norm,
```

G) **set** - The second identifier is taken as a variable name.

The first identifier is fetched, and is assumed to be a directory.

The second identifier is fetched, and is assumed to be an

access key **(Correct Punctuation)**.

The second identifier is looked up in the fetched directory

with the fetched access key. The object found is fetched

as a value of the variable (2nd: identifier).

H) **null** - an access key for using system directory

I) **reset** - an action that will all except the fixed variables. Then

null and a new scan list.