NESTAR SYSTEMS, INCORPORATED
CLUSTER/ONE MODEL A
NETWORK SUPPORT PROGRAMS

TALK PROGRAM

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DESCRIPTION

The program PASCAL:TALK.CODE allows you to converse with
another network station that is running the same program.
Once a conversation is established, you merely type lines to
be sent to other members of the conversation and lines that
they type appear, appropriatly labeled, on your screen.

OPERATING INSTRUCTIONS

Control commands may be entered at any time by preceding
input lines with ">" (or sometimes "%"). Available commands
are described below.

For sending commands use:

```
>TO nn msg          (sends msg to station nn)
>TO ALL msg         (sends msg to all known stns)
>TO name msg        (sends msg to named ring
                    (list of stns))
>TEMP TO name msg   (sends msg w/o overriding
                    current ring)
msg                 (sends msg to current ring)
```

>TO nn ... and >TO name... specify a station or "ring" (see
below) to which the message is to be sent. In addition,
that destination station or ring is remembered and used in
subsequent transmissions, until >TO is specified again. The
current >TO destination is temporarily overridable by >TEMP
TO....

A ring is list of station numbers with an associated name. The name is an abbreviation for the list of numbers and >TO name... causes the message to be sent to all members of the ring. Rings are built and modified with the commands:

>JOIN name   (searches data structures on nfs for named ring; if found enters this user in that ring)

>THIS IS name   (identifies current user to nfs and establishes a (one member) ring that others may send msgs to

For explicitly creating and modifying rings use:

>RING name = list   (defines a ring. list is nn or name or name+list or name-list or nn+list or ...)

>DELETE name   (deletes the local copy of a ring)

Current rings can be displayed using:

>SHOW RINGS   (lists all rings)
>SHOW name   (lists named ring)
>SHOW CURRENT   (lists current (default) ring)
>SHOW ALL   (lists all known stations)
>SHOW STATION   (displays number of this station)
>SHOW MYNAME   (displays name of current user as set by the >THIS IS command)

Other commands are:

>NFS cmd   (sends cmd to Nestar file server)
>HELP   (displays information on how to use the talk program)
>QUIT   (unJOINs all JOINed rings and removes this stn from other's ALL rings before QUITing)

>LOG filename   (writes a copy of all outgoing and incoming messages to filename.TEXT)
>UNLOG   (turns off logging)

>AWAY msg   (sets local to automaitcally respond to any incoming message with the specified msg e.g. >AWAY I have gone to lunch, back at 2:00)

%filename   (takes commands from filename.TEXT)
>NOECHO cmd   (suppresses echo of %filename cmd)
>PRINT text   (prints text on the local screen)
; comment   (comment; rest of line ignored)

Notes:

    <escape> in any input causes program abort

    implicit %PASCAL:TALKCMD and %*:TALKCMD done at startup