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Title:

Movedump

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Abstract:

This manual describes a program to move the coredump in the system dump area on an RC8000 autoloader disc to a backing storage file.

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1. INTRODUCTION

1.

The program moves the coredump caused by autoloading action from the system dump area on the autoloading disc to a backing storage file.

2. CALL

2.

<outfile> = movedump,

(device.<device spec>)₀¹ | (first.<first segm>)₀¹ |

(segm.<no of segm>)₀¹

<device spec> ::= <device name> | <device no>

<device name> ::= name

<device no> ::=

<first segm> ::=

<no of segm> ::= number

3. FUNCTION

3.

The program moves the coredump caused by autoload action from the system dump area on the autoload disc to the backing storage file <outfile>.

If <outfile> does not exist, movedump will create a temporary entry with that name.

If a device is specified, and if the device number exists or a peripheral process with the given name exists, it is supposed to be the autoload disc.

If a device is not specified, the program tries to find the autoload disc itself.

The autload disc is, as far as the program is concerned, defined to be a logical disc whose first segment on the physical disc has number zero and whose physical disc has device number 4.

If the autload disc is placed on an RC8233 Fixed Media Disc, this definition does not fit, and the program will fail to find it.

If the program cannot find the autload disc itself, it gives up with a message that the device should be specified.

If device is not specified by name, the process executing the program must be allowed to perform the monitor procedure 'create peripheral process' (function mask bit No 4).

The program moves <no of segm> segments from the disc or until end of document, starting with segment number <first segm>.

Default values are

<first segm> : 840

<no of segm> : 168

corresponding to the normal location of the system dump area on the autload disc.

4. EXAMPLES

4.

The call

```
coredump = movedump
```

will move 168 segments starting in segment number 840 on the autoload disc, i.e. the system dump area of the autload disc, to the file 'coredump'.

The call

```
dumpfile = movedump device.autodisc1
```

will move 168 segments starting in segment number 840 on the disc named 'autodisc1' to the file 'dumpfile'. If the disc named 'autodisc1' is the logical disc on an RC8233 Fixed Media Disc containing the RC8000 Monitor and Front End systems, the segments moved will be the system dump area.

5. ERROR MESSAGES

5.

***movedump call

no left hand side in the call

***movedump syntax, param no <no>

parameter no <no> violates the syntax of the call

***movedump unknown, param no <no>

parameter no <no> is unknown

***movedump create entry outfile, result <n>

the outfile entry did not exist and could not be created

***movedump create peripheral process, result <k>

a peripheral process associated with the given device number
or with the autoload disc found could not be created

***movedump peripheral process does not exist

a peripheral process by the specified name could not be found

***movedump please specify autoload device

autoload disc was not specified and the program was not able
to find it.

RETURN LETTER

Title: Movedump

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