



# Tech Info Library

## A/UX: bad sblock magic number Error When Backing Up

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Security: Everyone

A/UX: "bad sblock magic number" Error When Backing Up

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TOPIC -----

When creating a backup of an A/UX filesystem, I get the following message:

```
DUMP: bad sblock magic number
DUMP: The ENTIRE dump is aborted.
```

DISCUSSION -----

The dump.bsd command takes as its last argument the raw device file, rather than a block device (directory name). For all filesystems except the root filesystem, dump.bsd will look up the block device in /etc/fstab and use the raw device file listed there.

This error can be reproduced as follows:

```
# dump.bsd 0f /dev/null /
DUMP: Date of this level 0 dump: Wed Oct 21 12:29:00 1992
DUMP: Date of last level 0 dump: the epoch
DUMP: Dumping / to /dev/null
DUMP: bad sblock magic number
DUMP: The ENTIRE dump is aborted.
```

Replacing the block device with the raw device in the example above will allow the dump.bsd command to execute correctly:

```
# dump.bsd 0f /dev/null /dev/rdisk/c0d0s0
DUMP: Date of this level 0 dump: Wed Oct 21 12:43:56 1992
DUMP: Date of last level 0 dump: the epoch
DUMP: Dumping /dev/rdisk/c0d0s0 to /dev/null
DUMP: mapping (Pass I) [regular files]
DUMP: mapping (Pass II) [directories]
DUMP: dumping (Pass IV) [regular files]
```

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