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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'ustat.2'***

**\$ man ustat.2**

USTAT(2)                      Linux Programmer's Manual                      USTAT(2)

#### **NAME**

ustat - get filesystem statistics

#### **SYNOPSIS**

```
#include <sys/types.h>

#include <unistd.h>  /* libc[45] */

#include <ustat.h>   /* glibc2 */

int ustat(dev_t dev, struct ustat *ubuf);
```

#### **DESCRIPTION**

ustat() returns information about a mounted filesystem. dev is a device number identifying a device containing a mounted filesystem. ubuf is a pointer to a ustat structure that contains the following members:

```
daddr_t f_tfree;   /* Total free blocks */

ino_t   f_tinode;  /* Number of free inodes */

char    f_fname[6]; /* Filsys name */

char    f_fpack[6]; /* Filsys pack name */
```

The last two fields, f\_fname and f\_fpack, are not implemented and will always be filled with null bytes ('\0').

#### **RETURN VALUE**

On success, zero is returned and the ustat structure pointed to by ubuf will be filled in.

On error, -1 is returned, and errno is set appropriately.

#### **ERRORS**

EFAULT ubuf points outside of your accessible address space.

EINVAL dev does not refer to a device containing a mounted filesystem.

ENOSYS The mounted filesystem referenced by dev does not support this operation, or any version of Linux before 1.3.16.

## VERSIONS

Since version 2.28, glibc no longer provides a wrapper for this system call.

## CONFORMING TO

SVr4.

## NOTES

ustat() is deprecated and has been provided only for compatibility. All new programs should use statfs(2) instead.

### HP-UX notes

The HP-UX version of the ustat structure has an additional field, f\_blksize, that is unknown elsewhere. HP-UX warns: For some filesystems, the number of free inodes does not change. Such filesystems will return -1 in the field f\_tinode. For some filesystems, inodes are dynamically allocated. Such filesystems will return the current number of free inodes.

## SEE ALSO

stat(2), statfs(2)

## COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.