



## ***Linux Ubuntu 26.04 Manual Pages on command 'nfservctl.2'***

### ***\$ man nfservctl.2***

nfservctl(2)                      System Calls Manual                      nfservctl(2)

#### NAME

nfservctl - syscall interface to kernel nfs daemon

#### LIBRARY

Standard C library (libc, -lc)

#### SYNOPSIS

```
#include <linux/nfsd/syscall.h>

long nfservctl(int cmd, struct nfsctl_arg *argp,
               union nfsctl_res *resp);
```

#### DESCRIPTION

Note: Since Linux 3.1, this system call no longer exists. It has been replaced by a set of files in the nfsd filesystem; see nfsd(7).

```
/*
 * These are the commands understood by nfsctl().
 */

#define NFSCTL_SVC      0 /* This is a server process. */
#define NFSCTL_ADDCLIENT 1 /* Add an NFS client. */
#define NFSCTL_DELCLIENT 2 /* Remove an NFS client. */
#define NFSCTL_EXPORT   3 /* Export a filesystem. */
#define NFSCTL_UNEXPORT 4 /* Unexport a filesystem. */
#define NFSCTL_UGIDUPDATE 5 /* Update a client's UID/GID map
                             (only in Linux 2.4.x and earlier). */
#define NFSCTL_GETFH     6 /* Get a file handle (used by mountd(8))
```

(only in Linux 2.4.x and earlier). \*/

```
struct nfsctl_arg {
    int          ca_version;   /* safeguard */
    union {
        struct nfsctl_svc    u_svc;
        struct nfsctl_client u_client;
        struct nfsctl_export u_export;
        struct nfsctl_uidmap u_umap;
        struct nfsctl_fhparm u_getfh;
        unsigned int        u_debug;
    } u;
}
union nfsctl_res {
    struct knfs_fh    cr_getfh;
    unsigned int      cr_debug;
};
```

## RETURN VALUE

On success, zero is returned. On error, -1 is returned, and `errno` is set to indicate the error.

## STANDARDS

Linux.

## HISTORY

Removed in Linux 3.1. Removed in glibc 2.28.

## SEE ALSO

[nfsd\(7\)](#)

Linux man-pages 6.17

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[nfsservctl\(2\)](#)