

NAME

nfsservctl – syscall interface to kernel nfs daemon

SYNOPSIS

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

```
long nfsservctl(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 It has been replaced by a set of files in the *nfsd* filesystem; see **nfsd**(7).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 NFSCCTL_SVC          0 /* This is a server process. */
#define NFSCCTL_ADDCLIENT   1 /* Add an NFS client. */
#define NFSCCTL_DELCLIENT   2 /* Remove an NFS client. */
#define NFSCCTL_EXPORT      3 /* Export a filesystem. */
#define NFSCCTL_UNEXPORT    4 /* Unexport a filesystem. */
#define NFSCCTL_UGIDUPDATE  5 /* Update a client's UID/GID map
                               (only in Linux 2.4.x and earlier). */
#define NFSCCTL_GETFH       6 /* Get a file handle (used by mountd)
                               (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 appropriately.

VERSIONS

This system call was removed from the Linux kernel in version 3.1. Library support was removed from glibc in version 2.28.

CONFORMING TO

This call is Linux-specific.

COLOPHON

This page is part of release 5.02 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/>.