

**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 It has been replaced by a set of files in the *nfsd* filesystem; see **nfsd(7)**.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 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)
                             (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 5.05 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/>.