

**NAME**

nfsservctl – syscall interface to kernel nfs daemon

**LIBRARY**

Standard C library (*libc*, *-lc*)

**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 It has been replaced by a set of files in the *nfsd* filesystem; see [nfsd\(7\)](#).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(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.

**VERSIONS**

This system call was removed in Linux 3.1. Library support was removed in glibc 2.28.

**STANDARDS**

This call is Linux-specific.

**SEE ALSO**

[nfsd\(7\)](#)