

NAME

nss-systemd, libnss_systemd.so.2 – Provide UNIX user and group name resolution for user/group lookup via Varlink

SYNOPSIS

libnss_systemd.so.2

DESCRIPTION

nss-systemd is a plug-in module for the GNU Name Service Switch (NSS) functionality of the GNU C Library (**glibc**), providing UNIX user and group name resolution for services implementing the [User/Group Record Lookup API via Varlink](#)^[1], such as the system and service manager **systemd**(1) (for its *DynamicUser*= feature, see **systemd.exec**(5) for details) or **systemd-homed.service**(8).

This module also ensures that the root and nobody users and groups (i.e. the users/groups with the UIDs/GIDs 0 and 65534) remain resolvable at all times, even if they aren't listed in */etc/passwd* or */etc/group*, or if these files are missing.

This module preferably utilizes **systemd-userdbd.service**(8) for resolving users and groups, but also works without the service running.

To activate the NSS module, add "systemd" to the lines starting with "passwd:" and "group:" in */etc/nsswitch.conf*.

It is recommended to place "systemd" after the "files" or "compat" entry of the */etc/nsswitch.conf* lines so that */etc/passwd* and */etc/group* based mappings take precedence.

EXAMPLE

Here is an example */etc/nsswitch.conf* file that enables **nss-systemd** correctly:

```
passwd:    compat mymachines systemd
group:     compat [SUCCESS=merge] mymachines [SUCCESS=merge] systemd
shadow:    compat

hosts:     files mymachines resolve [!UNAVAIL=return] dns myhostname
networks:  files

protocols: db files
services:  db files
ethers:    db files
rpc:       db files

netgroup:  nis
```

SEE ALSO

systemd(1), **systemd.exec**(5), **nss-resolve**(8), **nss-myhostname**(8), **nss-mymachines**(8), **nsswitch.conf**(5), **getent**(1)

NOTES

1. User/Group Record Lookup API via Varlink
https://systemd.io/USER_GROUP_API