



Rocky Enterprise Linux 9.2 Manual Pages on command 'uts_namespaces.7'

C:\>man uts_namespaces.7

UTS_NAMESPACES(7) Linux Programmer's Manual UTS_NAMESPACES(7)

NAME

uts_namespaces - overview of Linux UTS namespaces

DESCRIPTION

UTS namespaces provide isolation of two system identifiers: the hostname and the NIS domain name. These identifiers are set using `sethostname(2)` and `setdomainname(2)`, and can be retrieved using `uname(2)`, `gethostname(2)`, and `getdomainname(2)`.

Changes made to these identifiers are visible to all other processes in the same UTS namespace, but are not visible to processes in other UTS namespaces.

When a process creates a new UTS namespace using `clone(2)` or `unshare(2)` with the `CLONE_NEWUTS` flag, the hostname and domain of the new UTS namespace are copied from the corresponding values in the caller's UTS namespace.

Use of UTS namespaces requires a kernel that is configured with the `CONFIG_UTS_NS` option.

SEE ALSO

`nsenter(1)`, `unshare(1)`, `clone(2)`, `getdomainname(2)`, `gethostname(2)`, `setns(2)`, `uname(2)`, `unshare(2)`, `namespaces(7)`

COLOPHON

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