



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sys_utsname.h.0p' command

\$ man sys_utsname.h.0p

sys_utsname.h(0P) POSIX Programmer's Manual sys_utsname.h(0P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

sys/utsname.h ? system name structure

SYNOPSIS

```
#include <sys/utsname.h>
```

DESCRIPTION

The <sys/utsname.h> header shall define the structure `utsname` which shall include at least the following members:

`char sysname[]` Name of this implementation of the operating system.

`char nodename[]` Name of this node within the communications network to which this node is attached, if any.

`char release[]` Current release level of this implementation.

`char version[]` Current version level of this release.

`char machine[]` Name of the hardware type on which the system is running.

The character arrays are of unspecified size, but the data stored in them shall be terminated by a null byte.

The following shall be declared as a function and may also be defined as a macro:

```
int uname(struct utsname *);
```

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

The System Interfaces volume of POSIX.1-2017, `uname()`

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