



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

\$ man nl_types.h.0p

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

nl_types.h ? data types

SYNOPSIS

```
#include <nl_types.h>
```

DESCRIPTION

The <nl_types.h> header shall define at least the following types:

`nl_catd` Used by the message catalog functions `catopen()`, `catgets()`, and `catclose()` to identify a catalog descriptor.

`nl_item` Used by `nl_langinfo()` to identify items of `langinfo` data.

Values of objects of type `nl_item` are defined in <lang?info.h>.

The <nl_types.h> header shall define at least the following symbolic constants:

`NL_SETD` Used by `gencat` when no `$set` directive is specified in a message text source file. This constant can be passed as the value of `set_id` on subsequent calls to `catgets()` (that is, to retrieve messages from the default message

set). The value of NL_SETD is implementation-defined.

NL_CAT_LOCALE Value that must be passed as the oflag argument to catopen() to ensure that message catalog selection depends on the LC_MESSAGES locale category, rather than directly on the LANG environment variable.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

```
int    catclose(nl_catd);
char   *catgets(nl_catd, int, int, const char *);
nl_catd catopen(const char *, int);
```

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

<langinfo.h>

The System Interfaces volume of POSIX.1-2017, catclose(), catgets(), catopen(), nl_langinfo()

The Shell and Utilities volume of POSIX.1-2017, gencat

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