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***Rocky Enterprise Linux 9.2 Manual Pages on command 'Locale::gettext\_xs.3pm'***

***\$ man Locale::gettext\_xs.3pm***

Locale::gettext\_xs(3pm)      User Contributed Perl Documentation      Locale::gettext\_xs(3pm)

NAME

Locale::gettext\_xs - XS Implementation of Uniform Message Translation

SYNOPSIS

```
use gettext_xs (:locale_h :libintl_h);

gettext $msgid;

dgettext $domainname, $msgid;

dcgettext $domainname, $msgid, LC_MESSAGES;

ngettext $msgid, $msgid_plural, $count;

dngettext $domainname, $msgid, $msgid_plural, $count;

dcngettext $domainname, $msgid, $msgid_plural, $count, LC_MESSAGES;

pgettext $msgctxt, $msgid;

dpgettext $domainname, $msgctxt, $msgid;

dcpgettext $domainname, $msgctxt, $msgid, LC_MESSAGES;

npgettext $msgctxt, $msgid, $msgid_plural, $count;

dnpgettext $domainname, $msgctxt, $msgid, $msgid_plural, $count;

dcnpgettext $domainname, $msgctxt, $msgid, $msgid_plural, $count, LC_MESSAGES;

textdomain $domainname;

bindtextdomain $domainname, $directory;

bind_textdomain_codeset $domainname, $encoding;

my $category = LC_CTYPE;

my $category = LC_NUMERIC;

my $category = LC_TIME;
```

```
my $category = LC_COLLATE;
my $category = LC_MONETARY;
my $category = LC_MESSAGES;
my $category = LC_ALL;
```

## DESCRIPTION

The module `Locale::gettext_xs` is the low-level interface to message translation according to the Uniform approach that is for example used in GNU `gettext` and Sun's Solaris.

The module does not necessarily work on your system. It depends on the presence of shared libraries that are not always available. The higher-level modules

`Locale::TextDomain::(3)`, resp. `Locale::Messages(3)` will fall back to a pure Perl version if bootstrapping `Locale::gettext_xs` fails.

The interface of `Locale::gettext_xs` is mostly identical to the pure Perl version as described in `Locale::gettext_pp(3)`, see there for details. Differences are outlined below.

`Locale::gettext_xs` is downwards compatible to `Locale::gettext(3)` by Phillip Vandry <[vandry@Mlink.NET](mailto:vandry@Mlink.NET)>. You can use it as replacement for `Locale::gettext(3)`.

Please note that directory names passed to the function `bindtextdomain()` are automatically converted from Perl semantics (slash as directory separator) to local semantics (for example the backslash for MS-DOS).

## AUTHOR

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The module is based on the work of Phillip Vandry <[vandry@Mlink.NET](mailto:vandry@Mlink.NET)> in `Locale::gettext(3)`.

## SEE ALSO

`Locale::TextDomain(3pm)`, `Locale::gettext_pp(3pm)`, `Locale::gettext(3pm)`,

`Locale::Messages(3pm)`, `File::Spec(3)`, `perl(1)`

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`Locale::gettext_xs(3pm)`