

**NAME**

Locale::gettext\_pp – Pure Perl Implementation of Uniform Message Translation

**SYNOPSIS**

```
use Locale::gettext_pp (: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\_pp** 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.

Normally you should not use this module directly, but the high level interface **Locale::TextDomain** (3) that provides a much simpler interface. This description is therefore deliberately kept brief. Please refer to the GNU gettext documentation available at <<http://www.gnu.org/manual/gettext/>> for in-depth and background information on the topic.

**FUNCTIONS**

The module exports by default nothing. Every function has to be imported explicitly or via an export tag ("EXPORT TAGS").

**gettext MSGID**

See "FUNCTIONS" in Locale::Messages.

**dgettext TEXTDOMAIN, MSGID**

See "FUNCTIONS" in Locale::Messages.

**dcgettext TEXTDOMAIN, MSGID, CATEGORY**

See "FUNCTIONS" in Locale::Messages.

**ngettext MSGID, MSGID\_PLURAL, COUNT**

See "FUNCTIONS" in Locale::Messages.

**dngettext TEXTDOMAIN, MSGID, MSGID\_PLURAL, COUNT**

See "FUNCTIONS" in Locale::Messages.

**dcngettext TEXTDOMAIN, MSGID, MSGID\_PLURAL, COUNT, CATEGORY**

See "FUNCTIONS" in Locale::Messages.

**pggettext MSGCTXT, MSGID**

See “FUNCTIONS” in Locale::Messages.

**dpgettext TEXTDOMAIN, MSGCTXT, MSGID**

See “FUNCTIONS” in Locale::Messages.

**dcpggettext TEXTDOMAIN, MSGCTXT, MSGID, CATEGORY**

See “FUNCTIONS” in Locale::Messages.

**npgettext MSGCTXT, MSGID, MSGID\_PLURAL, COUNT**

See “FUNCTIONS” in Locale::Messages.

**dnpggettext TEXTDOMAIN, MSGCTXT, MSGID, MSGID\_PLURAL, COUNT**

See “FUNCTIONS” in Locale::Messages.

**dcnpgettext TEXTDOMAIN, MSGCTXT, MSGID, MSGID\_PLURAL, COUNT, CATEGORY**

See “FUNCTIONS” in Locale::Messages.

**textdomain TEXTDOMAIN**

See “FUNCTIONS” in Locale::Messages.

**bindtextdomain TEXTDOMAIN, DIRECTORY**

See “FUNCTIONS” in Locale::Messages.

**bind\_textdomain\_codeset TEXTDOMAIN, ENCODING****nl\_putenv ENVSPEC**

See “FUNCTIONS” in Locale::Messages.

**setlocale**

See “FUNCTIONS” in Locale::Messages.

**CONSTANTS**

You can (maybe) get the same constants from **POSIX** (3); see there for a detailed description

**LC\_CTYPE**

**LC\_NUMERIC**

**LC\_TIME**

**LC\_COLLATE**

**LC\_MONETARY**

**LC\_MESSAGES**

**LC\_ALL**

See “CONSTANTS” in Locale::Messages for more information.

**EXPORT TAGS**

This module does not export anything unless explicitly requested. You can import groups of functions via two tags:

**use Locale::gettext\_pp (':locale\_h')**

Imports the functions that are normally defined in the C include file *locale.h*:

**gettext()**

**dgettext()**

**dcgettext()**

**npgettext()**

**dngettext()**

**dcngettext()**

**pggettext()**

Introduced with libintl-perl 1.17.

**dpgettext()**

Introduced with libintl-perl 1.17.

**dcgettext()**

Introduced with libintl-perl 1.17.

**npgettext()**

Introduced with libintl-perl 1.17.

**dnpgettext()**

Introduced with libintl-perl 1.17.

**dcngettext()**

Introduced with libintl-perl 1.17.

**textdomain()****bindtextdomain()****bind\_textdomain\_codeset()****use Locale::gettext\_pp (':libintl\_h')**

Imports the locale category constants:

**LC\_CTYPE**

**LC\_NUMERIC**

**LC\_TIME**

**LC\_COLLATE**

**LC\_MONETARY**

**LC\_MESSAGES**

**LC\_ALL**

**AUTHOR**

Copyright (C) 2002–2016 Guido Flohr <<http://www.guido-flohr.net/>>  
(<<mailto:guido.flohr@cantanea.com>>), all rights reserved. See the source code for details!code for details!

**SEE ALSO**

**Locale::TextDomain** (3pm), **Locale::Messages** (3pm), **Encode** (3pm), **perllocale** (3pm), **POSIX** (3pm), **perl** (1), **gettext** (1), **gettext** (3)